MANUFACTURES AND MINES.

No. 113.—MANUFACTURES: Classified According to Average Number of Wage Earners, 1909.

[Source: Bureau of the Census, Department of Commerce.]

Establishments employing—	Number of establishments.	Average number of wage earners.	Per cent of total.	
			Establishments.	Wage earners.
No wage earners	27,712	.....	10.3	.....
1 to 5 wage earners	136,289	311,704	50.8	4.7
6 to 20 wage earners	57,198	640,793	21.3	9.7
21 to 50 wage earners	23,544	764,408	8.8	11.6
51 to 100 wage earners	10,964	782,298	4.1	11.8
101 to 250 wage earners	8,116	1,258,639	3.0	19.0
251 to 500 wage earners	2,905	1,006,457	1.1	15.2
501 to 1,000 wage earners	1,223	837,473	.5	12.7
Over 1,000 wage earners	540	1,013,274	.2	15.3
Total	268,491	6,615,046	100.0	100.0

No. 114.—MANUFACTURES: Engines and Power, Classified According to Kind, 1899, 1904, and 1909.

[Source: Bureau of the Census, Department of Commerce.]

Power.	Number of engines or motors.			Horsepower.			Per cent distribution horsepower.		
	1899	1904	1909	1899	1904	1909	1899	1904	1909
Primary power:									
Owned—									
Steam	130,710	127,267	153,525	8,139,579	10,825,348	14,199,339	80.6	80.3	76.0
Gas	14,334	21,515	34,356	134,742	289,423	751,186	1.3	2.1	4.0
Water wheels	23,099	19,595	20,079	1,454,112	1,641,949	1,807,439	14.4	12.2	9.7
Water motors	(1)	1,397	1,203	(1)	5,931	15,449	(1)	(2)	.1
Other	.....	.....	.....	49,985	92,154	29,293	.5	.7	.2
Total	168,143	169,774	209,163	9,778,418	12,854,805	16,802,706	96.8	95.3	90.0
Rented—									
Electric	(1)	61,589	199,309	182,562	441,589	1,749,031	1.8	3.3	9.4
Other	.....	.....	.....	136,913	191,313	123,639	1.4	1.4	.7
Total	(1)	61,589	199,309	319,475	632,902	1,872,670	3.2	4.7	10.0
Grand total	168,143	231,363	408,472	10,097,893	13,487,707	18,675,376	100.0	100.0	100.0
Electric motors:									
Run by current generated by establishment	16,891	73,119	189,545	310,374	1,150,886	3,068,109	63.0	72.3	63.7
Run by rented power	(1)	61,589	199,309	182,562	441,589	1,749,031	37.0	27.7	36.3
Total	16,891	134,708	388,854	492,936	1,592,475	4,817,140	100.0	100.0	100.0

[1] Not reported. [2] Less than one-tenth of 1 per cent.

No. 115.—MANUFACTURES: Fuel Used, Classified According to Kinds, 1909.

No. 116.—MANUFACTURES: CLASSIFIED ACCORDING TO CHARACTER OF OWNERSHIP OF THE ESTABLISHMENT, CALENDAR YEARS 1904 AND 1909.

[Source: Bureau of the Census, Department of Commerce.]

Character of ownership, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
Individual:					*Dollars.*		*Dollars.*	
1904	113,946	52.7	755,923	13.8	1,702,830,624	11.5	824,292,887	13.1
1909	140,605	52.4	804,883	12.2	2,042,061,500	9.9	968,824,072	11.4
Firm:								
1904	47,934	22.2	841,242	15.4	2,132,536,604	14.4	930,143,823	14.8
1909	54,265	20.2	794,836	12.0	2,184,107,632	10.6	951,383,741	11.2
Corporation:								
1904	51,097	23.6	3,862,698	70.6	10,904,069,307	73.7	4,526,055,153	71.9
1909	69,501	25.9	5,002,393	75.6	16,341,116,634	79.0	6,582,207,117	77.2
Other:								
1904	3,203	1.5	8,520	.2	54,466,028	.4	13,202,890	.2
1909	4,120	1.5	12,934	.2	104,766,104	.5	26,846,062	.3
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0

No. 117.—MANUFACTURES: CLASSIFIED ACCORDING TO SIZE OF ESTABLISHMENT, AS MEASURED BY THE VALUE OF PRODUCTS, CALENDAR YEARS 1904 AND 1909.

[Source: Bureau of the Census, Department of Commerce.]

Value of product, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
Less than $5,000:					*Dollars.*		*Dollars.*	
1904	71,147	32.9	106,353	1.9	176,128,212	1.2	114,781,124	1.8
1909	93,349	34.8	142,430	2.2	222,463,847	1.1	144,246,008	1.7
$5,000 and less than $20,000:								
1904	72,791	33.7	419,466	7.7	751,047,759	5.1	424,129,643	6.7
1909	86,988	32.4	470,006	7.1	904,645,664	4.4	509,907,934	6.0
$20,000 and less than $100,000:								
1904	48,096	22.2	1,027,047	18.8	2,129,257,883	14.4	1,090,271,887	17.3
1909	57,270	21.3	1,090,449	16.5	2,544,426,711	12.3	1,258,317,991	14.8
$100,000 and less than $1,000,000:								
1904	22,246	10.3	2,515,064	46.0	6,109,012,538	41.3	2,782,641,883	44.2
1909	27,824	10.4	2,896,532	43.8	7,946,935,255	38.4	3,572,746,038	41.9
$1,000,000 and over:								
1904	1,900	.9	1,400,453	25.6	5,628,456,171	38.0	1,881,870,216	29.9
1909	3,060	1.1	2,015,629	30.5	9,053,580,393	43.8	3,044,043,021	35.7
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0
Average per establishment:								
1904	.....	.....	25	.....	68,433	.....	29,113	.....
1909	.....	.....	25	.....	76,993	.....	31,767	.....

No. 118.—MANUFACTURES: Classified According to Size of Cities in Which Located, 1899 and 1909.

[Source: Bureau of the Census, Department of Commerce.]

Item.	Census year.	Cities having a population of 10,000 and over.								Districts outside of cities having a population of 10,000 and over.		Aggregate.
		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Total.				
		Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	
Number of establishments	1899	15,463	7.5	20,147	9.7	67,308	32.4	102,918	49.6	104,596	50.4	207,514
	1909	18,936	7.1	27,061	10.1	89,775	33.4	135,772	50.6	132,719	49.4	268,491
Average number of wage earners.	1899	524,900	11.1	767,293	16.3	1,752,246	37.2	3,044,439	64.6	1,668,324	35.4	4,712,763
	1909	678,467	10.3	1,126,253	17.0	2,511,922	38.0	4,316,642	65.3	2,298,404	34.7	6,615,046
Value of products	1899	$1,052,639,594	9.2	$1,843,124,795	16.2	$4,968,799,788	43.6	$7,864,564,177	68.9	$3,542,362,524	31.1	$11,406,926,701
	1909	$1,946,703,215	9.4	$3,582,403,574	17.3	$8,735,772,018	42.3	$14,264,878,807	69.0	$6,407,173,063	31.0	$20,672,051,870
Value added by manufacture.	1899	$458,679,363	9.5	$773,117,708	16.0	$2,145,680,856	44.4	$3,377,477,927	69.9	$1,453,597,283	30.1	$4,831,075,210
	1909	$801,766,297	9.4	$1,431,652,146	16.8	$3,770,252,555	44.2	$6,003,670,998	70.4	$2,525,589,994	29.6	$8,529,260,992
Population	1900	4,297,118	5.7	5,547,205	7.3	14,208,347	18.7	24,052,670	31.6	51,941,905	68.3	75,994,575
	1910	5,495,594	6.0	8,204,960	8.9	20,302,138	22.1	34,002,692	37.0	57,969,574	63.0	91,972,266

No. 119.—MANUFACTURES: Summary by General Groups, 1899, 1904, and 1909.

[Source: Bureau of the Census, Department of Commerce.]

Group.	Year.	Establishments.	Wage earners.		Cost of materials—Amount.	Value of products.		Value added by manufacture.		Per cent value added by manufacture to total value of products.	Per cent of increase.			
			Average number.	Per cent of total.		Amount.	Per cent of total.	Amount.	Per cent of total.		Period.	Wage earners (average number).	Value of products.	Value added by manufacture.
					Dollars.	*Dollars.*		*Dollars.*						
Food and kindred products	1899	41,247	301,868	6.4	1,782,862,809	2,199,203,442	19.3	416,340,633	8.6	18.9	1899-1904	17.3	29.4	29.6
	1904	45,857	354,046	6.5	2,306,120,760	2,845,555,772	19.2	539,435,012	8.6	19.0	1904-1909	16.2	38.4	39.0
	1909	55,364	411,575	6.2	3,187,803,080	3,937,617,891	19.0	749,814,811	8.8	19.0	1899-1909	36.3	79.0	80.1
Textiles	1899	17,640	1,021,869	21.7	894,394,531	1,627,889,077	14.3	733,494,546	15.2	45.1	1899-1904	13.1	31.7	22.7
	1904	17,022	1,155,613	21.1	1,244,864,546	2,144,604,719	14.5	899,740,173	14.3	42.0	1904-1909	24.4	42.4	45.9
	1909	21,695	1,437,258	21.7	1,741,987,395	3,054,708,084	14.8	1,312,720,689	15.4	43.0	1899-1909	40.6	87.6	79.0
Iron and steel and their products	1899	14,080	744,069	15.8	1,001,781,364	1,818,095,771	15.9	816,314,407	16.9	44.9	1899-1904	16.6	20.9	23.2
	1904	14,430	867,390	15.9	1,192,111,689	2,197,773,117	14.9	1,005,661,428	16.0	45.8	1904-1909	18.2	43.9	35.3
	1909	17,289	1,025,044	15.5	1,802,105,826	3,163,126,293	15.3	1,361,020,467	16.0	43.0	1899-1909	37.8	74.0	66.7
Lumber and its remanufactures	1899	34,947	669,043	14.2	479,396,305	1,004,716,682	8.8	525,320,377	10.9	52.3	1899-1904	9.1	20.9	33.2
	1904	32,493	729,686	13.3	514,907,696	1,214,476,055	8.2	699,568,359	11.1	57.6	1904-1909	24.4	30.3	24.1
	1909	48,533	907,514	13.7	714,573,711	1,582,522,263	7.7	867,948,552	10.2	54.8	1899-1909	35.6	57.5	65.2
Leather and its finished products	1899	5,625	248,626	5.3	396,633,189	582,047,900	5.1	185,414,711	3.8	31.9	1899-1904	6.4	24.5	31.7
	1904	5,318	264,459	4.8	480,220,706	724,391,050	4.9	244,170,344	3.9	33.7	1904-1909	17.1	37.0	32.2
	1909	5,728	309,766	4.7	669,874,518	992,713,322	4.8	322,838,804	3.8	32.5	1899-1909	24.6	70.6	74.1
Paper and printing	1899	26,627	298,744	6.3	214,565,643	607,907,231	5.3	393,341,588	8.1	64.7	1899-1904	17.7	41.4	40.0
	1904	30,303	351,640	6.4	309,012,305	859,814,263	5.8	550,801,958	8.8	64.1	1904-1909	18.3	37.2	32.2
	1909	34,828	415,990	6.3	451,238,634	1,179,285,247	5.7	728,046,613	8.5	61.7	1899-1909	39.2	94.0	85.1
Liquors and beverages	1899	5,740	55,120	1.2	93,815,032	382,898,381	3.4	289,083,349	6.0	75.5	1899-1904	24.0	30.9	25.0
	1904	6,379	68,338	1.3	139,849,038	501,253,855	3.4	361,404,817	5.7	72.1	1904-1909	13.9	34.5	35.1
	1909	7,347	77,827	1.2	186,127,887	674,311,051	3.3	488,183,164	5.7	72.4	1899-1909	41.2	76.1	68.9
Chemicals and allied products	1899	8,687	179,539	3.8	431,790,578	726,105,558	6.4	294,314,980	6.1	40.5	1899-1904	16.0	41.0	42.6
	1904	9,548	208,345	3.8	604,034,306	1,023,790,759	6.9	419,756,453	6.7	41.0	1904-1909	14.2	39.8	34.3
	1909	11,745	237,988	3.6	867,019,526	1,430,901,954	6.9	563,882,428	6.6	39.4	1899-1909	32.6	97.1	91.6

Stone, clay, and glass products	1899	11,524	231,716	4.9	85,137,414	270,650,143	2.4	185,512,729	3.8	68.5	1899–1904	23.1	44.5	44.5
	1904	10,773	285,346	5.2	123,066,911	391,147,449	2.6	268,080,538	4.2	68.5	1904–1909	20.1	35.9	29.8
	1909	16,168	342,827	5.2	183,791,550	531,736,831	2.6	347,945,281	4.1	65.4	1899–1909	48.0	96.5	87.6
Metals and metal products, other than iron and steel.	1899	4,996	160,422	3.4	471,598,902	688,927,152	6.0	217,328,250	4.5	31.5	1899–1904	23.2	29.8	20.5
	1904	5,843	197,692	3.6	632,395,257	894,282,432	6.0	261,887,175	4.2	29.3	1904–1909	25.8	38.5	32.6
	1909	8,750	248,785	3.8	891,014,733	1,238,251,401	6.0	347,236,668	4.1	28.0	1899–1909	55.1	79.7	59.8
Tobacco manufactures	1899	14,959	132,526	2.8	92,866,542	263,713,173	2.3	170,846,631	3.5	64.8	1899–1904	20.3	25.6	20.0
	1904	16,827	159,406	2.9	126,085,608	331,111,181	2.2	205,025,573	3.2	61.9	1904–1909	4.6	25.8	16.8
	1909	15,822	166,810	2.5	177,185,621	416,695,104	2.0	239,509,483	2.8	57.5	1899–1909	25.9	58.0	40.2
Vehicles for land transportation	1899	7,338	133,663	2.8	153,253,973	277,485,366	2.4	124,231,393	2.6	44.8	1899–1904	2.2	15.5	15.1
	1904	6,058	136,625	2.5	177,640,767	320,623,822	2.2	142,983,055	2.3	44.6	1904–1909	48.4	75.2	78.5
	1909	6,562	202,719	3.1	306,536,675	561,763,289	2.7	255,226,614	3.0	45.4	1899–1909	51.7	102.4	105.4
Railroad repair shops	1899	1,400	180,620	3.8	113,809,097	227,484,469	2.0	113,675,372	2.4	50.0	1899–1904	37.3	42.1	46.6
	1904	1,226	247,922	4.5	156,568,161	323,212,210	2.2	166,644,049	2.6	51.6	1904–1909	22.9	35.4	33.8
	1909	1,686	304,592	4.6	214,581,311	437,563,288	2.1	222,981,977	2.6	51.0	1899–1909	68.6	92.3	96.2
Miscellaneous industries	1899	12,704	354,938	7.5	363,946,112	729,802,356	6.4	365,856,244	7.6	50.1	1899–1904	24.5	40.0	44.5
	1904	13,603	441,875	8.1	493,330,060	1,021,865,879	6.9	528,535,819	8.4	51.7	1904–1909	19.1	43.9	36.6
	1909	16,974	526,351	8.0	748,950,411	1,470,855,852	7.1	721,905,441	8.5	49.1	1899–1909	48.3	101.6	97.3
All industries	1899	207,514	4,712,763	100.0	6,575,851,491	11,406,926,701	100.0	4,831,075,210	100.0	42.4	1899–1904	16.0	29.7	30.3
	1904	216,180	5,468,383	100.0	8,500,207,810	14,793,902,563	100.0	6,293,694,753	100.0	42.5	1904–1909	21.0	39.7	35.5
	1909	268,491	6,615,046	100.0	12,142,730,878	20,672,051,870	100.0	8,529,260,992	100.0	41.3	1899–1909	40.4	81.2	76.5

No. 120.—COMMERCIAL FAILURES, CALENDAR YEARS 1913, 1914, AND 1915: PERCENTAGE TO TOTAL NUMBER OF CONCERNS IN BUSINESS, AND AGGREGATE LIABILITIES, BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Dun's Review, New York, N. Y.]

State.	1913				1914				1915			
	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.
				Dollars.				*Dollars.*				*Dollars.*
Alabama	211	20,253	1.04	2,544,947	274	21,384	1.28	4,935,563	443	20,945	2.11	4,828,317
Arizona	17	2,556	.67	90,971	24	2,757	.87	680,195	30	2,557	1.17	235,450
Arkansas	150	18,841	.80	1,488,808	236	19,552	1.21	2,576,850	396	19,217	2.06	3,859,867
California	929	60,685	1.53	7,672,845	1,163	63,511	1.83	8,144,899	1,277	66,433	1.92	10,087,466
Colorado	217	18,292	1.19	1,632,690	129	17,479	.74	1,274,328	135	18,162	.75	1,529,331
Connecticut	381	20,810	1.83	5,335,174	370	21,468	1.72	3,924,130	366	21,965	1.67	3,374,090
Delaware	10	4,050	.25	57,262	30	4,207	.71	648,177	26	4,087	.64	708,745
District of Columbia	82	7,264	1.13	1,845,906	82	7,377	1.11	433,412	57	7,279	.78	892,930
Florida	183	12,745	1.44	2,529,745	404	13,794	2.92	8,835,290	500	14,423	3.47	10,847,920
Georgia	446	29,184	1.53	5,762,272	448	31,119	1.44	5,126,079	638	27,711	2.30	6,647,096
Idaho	77	5,413	1.42	602,070	74	5,652	1.31	599,026	66	6,194	1.07	382,090
Illinois	1,081	115,924	.93	20,468,397	1,306	117,574	1.11	24,797,612	1,517	115,911	1.31	19,100,428
Indiana	431	52,158	.83	9,936,287	289	53,005	.54	6,083,613	542	52,808	1.03	24,624,536
Iowa	250	39,652	.63	2,845,500	232	42,346	.55	2,970,983	317	42,273	.75	2,553,098
Kansas	214	30,060	.71	2,689,685	203	30,493	.67	3,582,950	203	31,146	.65	1,169,632
Kentucky	223	30,123	.74	1,534,743	253	29,967	.84	4,134,079	366	29,853	1.23	2,978,796
Louisiana	156	19,632	.79	5,780,086	165	20,293	.81	6,114,670	278	21,527	1.29	3,172,340
Maine	187	17,853	1.05	1,127,304	234	18,436	1.27	1,825,068	272	18,713	1.45	1,524,445
Maryland	194	21,728	.89	3,605,426	243	22,361	1.09	2,096,594	296	22,747	1.30	4,233,937
Massachusetts	914	58,883	1.55	13,133,180	866	62,216	1.39	12,103,140	1,041	64,763	1.67	13,209,920
Michigan	266	54,502	.49	7,885,230	287	56,876	.50	5,395,588	426	54,896	.78	5,721,825
Minnesota	222	37,879	.59	2,639,981	280	38,156	.73	4,280,715	341	39,016	.87	3,756,484
Mississippi	166	15,916	1.04	2,358,872	195	16,400	1.19	2,220,332	279	16,250	1.72	2,060,745
Missouri	456	64,234	.71	4,676,908	628	65,606	.96	6,436,588	717	65,643	1.09	7,906,723
Montana	53	8,559	.62	283,015	91	9,856	.92	886,756	64	10,850	.59	1,366,666
Nebraska	122	25,865	.47	1,717,729	109	22,449	.49	951,955	177	22,463	.79	1,711,393
Nevada	25	2,111	1.19	113,554	32	2,112	1.51	144,496	23	2,200	1.05	75,714
New Hampshire	48	7,810	.61	1,247,191	54	8,140	.66	429,577	43	8,536	.50	360,657
New Jersey	340	58,730	.58	6,534,623	387	59,299	.65	9,661,406	437	59,520	.73	9,437,966
New Mexico	30	3,704	.81	209,705	25	3,642	.69	139,265	30	3,643	.82	365,633
New York	2,728	203,686	1.34	72,805,573	3,227	212,307	1.52	120,805,551	3,742	221,777	1.69	72,819,242
North Carolina	142	23,817	.60	2,301,009	175	24,345	.71	1,412,245	293	25,047	1.17	2,721,960
North Dakota	49	10,349	.47	836,402	67	10,085	.66	837,272	72	10,256	.70	703,690
Ohio	658	96,725	.68	14,655,997	703	94,888	.74	15,738,758	805	98,275	.82	9,155,041

1.52	2,833,770	462	24,789	1.86	3,567,326
2.96	6,945,756	303	15,997	2.46	3,628,234
.85	44,103,547	1,438	143,444	1.00	21,950,157
1.66	1,088,746	183	9,060	2.02	1,852,073
1.23	1,716,196	316	13,423	2.35	3,326,569
.45	462,151	56	10,308	.54	519,905
1.71	3,444,018	512	23,801	2.15	3,677,910
1.36	9,220,565	883	53,113	1.66	10,197,060
1.70	676,308	77	6,032	1.28	359,522
.82	318,436	60	5,913	1.01	528,521
1.21	3,011,468	457	27,426	1.67	3,003,874
2.09	7,245,340	525	23,567	2.23	7,813,044
1.04	2,596,413	218	17,936	1.22	2,792,367
.48	3,879,819	340	50,164	.68	4,698,638
.71	159,169	21	2,427	.86	246,775
1.10	357,908,859	22,156	1,674,486	1.32	302,286,148
1.38	19,689,097	1,965	128,950	1.52	20,849,706
1.17	174,570,504	5,617	424,741	1.32	104,207,365
1.28	25,875,874	2,801	160,079	1.75	35,175,398
1.26	35,479,847	3,619	209,495	1.73	34,342,361
.76	55,875,390	3,630	372,054	.98	63,300,468
.71	19,522,614	1,883	221,105	.85	18,320,925
.99	4,559,538	446	52,065	.86	4,561,181
2.07	22,335,995	2,195	105,997	2.07	21,528,744

l Vermont. Middle division: New Jersey, New York, and Pennsyl-
rth Carolina, South Carolina, Virginia, and West Virginia. South
exas. Central East division: Indiana, Illinois, Ohio, Michigan, and
outh Dakota. Western division: Arizona, Colorado, Idaho, Montana,

RTERLY AND ANNUALLY, 1891 TO 1915: NUMBER, AMOUNT OF LIABILITIES, AND AVERAGE LIABILITIES.

[Source: Dun's Review, New York, N. Y.]

quarter.		Third quarter.			Fourth quarter.			Total for the year.				
unt of lities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Number of business concerns.	Per cent of failures.	Amount of liabilities.	Average liabilities.
ars.	Dollars.		Dollars.	Dollars		Dollars.	Dollars.				Dollars.	Dollars.
8,636	19,868	2,754	44,302,494	16,086	3,445	53,149,877	15,428	12,273	1,142,951	1.07	189,868,638	15,471
9,331	10,844	1,984	18,659,235	9,405	2,867	33,111,252	11,549	10,344	1,172,705	.88	114,044,167	11,025
1,239	37,994	4,015	82,469,821	20,540	4,826	95,430,529	19,774	15,242	1,193,113	1.28	346,779,889	22,751
5,973	13,751	2,868	29,411,196	10,255	3,979	41,848,354	10,517	13,885	1,114,174	1.25	172,992,856	12,458
6,261	14,370	2,792	32,167,179	11,521	3,748	52,188,937	13,924	13,197	1,209,282	1.09	173,196,060	13,124
4,547	13,504	3,757	73,285,349	19,507	4,305	54,941,803	12,762	15,088	1,151,579	1.31	226,096,834	14,985
4,876	15,121	2,881	25,601,188	8,884	3,649	37,038,096	10,150	13,351	1,058,521	1.26	154,332,071	11,559
8,074	11,381	2,540	25,104,778	9,886	2,928	38,113,482	13,017	12,186	1,105,830	1.10	130,662,899	10,722
0,902	7,165	2,001	17,640,972	8,816	2,483	31,175,984	12,556	9,337	1,147,595	.81	90,879,889	9,733
4,879	17,114	2,519	27,119,996	10,766	2,923	36,628,225	12,531	10,774	1,174,300	.92	138,495,673	12,854
1,204	9,943	2,324	24,756,172	10,652	2,919	32,531,514	11,145	11,002	1,219,242	.90	113,092,376	10,279
3,098	9,699	2,511	25,032,634	9,969	2,939	32,069,279	10,911	11,615	1,253,172	.93	117,476,769	10,137
2,827	13,366	2,548	34,858,595	13,680	3,893	53,788,330	13,824	12,069	1,281,481	.94	155,444,185	12,879
4,188	10,949	2,969	32,168,296	10,835	3,016	32,543,106	10,790	12,199	1,320,172	.92	144,202,311	11,820
2,080	9,303	2,596	20,329,443	7,061	2,714	26,442,144	9,743	11,520	1,357,455	.85	102,676,172	8,913
2,967	11,515	2,300	21,996,163	9,563	2,770	34,541,278	12,470	10,682	1,392,949	.77	119,201,515	11,159
3,071	15,173	2,483	46,467,686	18,714	3,635	81,348,877	22,379	11,725	1,418,075	.83	197,385,225	16,834
8,642	12,805	3,457	55,302,690	15,997	3,524	42,638,161	12,099	15,690	1,447,554	1.08	222,315,684	14,169
0,423	14,787	2,836	29,094,498	10,259	3,257	36,967,594	11,350	12,924	1,486,389	.87	154,603,465	11,963
0,152	13,678	3,011	42,177,898	14,008	3,253	47,339,793	14,552	12,652	1,515,143	.83	201,757,097	15,947
6,590	14,319	2,880	35,167,269	12,211	3,500	52,196,045	14,913	13,441	1,525,024	.88	191,061,665	14,215
9,900	12,898	3,499	45,532,137	13,013	3,636	49,573,031	13,634	15,452	1,564,279	.98	203,117,391	13,145
5,784	15,135	3,549	63,837,315	17,987	4,324	75,936,913	17,562	16,037	1,616,517	.99	272,672,288	17,004
7,904	27,410	4,298	86,818,291	20,200	5,439	85,990,838	15,810	18,280	1,655,496	1.10	357,908,859	19,579
4,200	15,004	4,548	52,876,525	11,626	4,868	60,822,068	12,494	22,156	1,674,486	1.32	302,286,148	13,644

No. 122.—FAILURES IN MANUFACTURING, TRADING, ETC., CALENDAR YEAR 1915: BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Dun's Review, New York, N. Y.]

State.	Manufacturing.		Trading.		Other.		Total.		
	No.	Liabilities.	No.	Liabilities.	No.	Liabilities.	No.	Assets.	Liabilities.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*	*Dollars.*
Alabama	32	490,913	402	4,188,487	9	148,917	443	3,892,533	4,828,317
Arizona	5	6,360	21	89,530	4	139,560	30	232,753	235,450
Arkansas	45	873,627	334	2,754,249	17	231,991	396	2,701,251	3,859,867
California	267	2,414,367	942	5,702,540	68	1,970,559	1,277	5,414,846	10,087,466
Colorado	18	125,431	110	1,180,249	7	223,651	135	1,297,209	1,529,331
Connecticut	92	1,567,227	262	1,542,074	12	264,789	366	1,333,030	3,374,090
Delaware	9	661,864	16	43,381	1	3,500	26	386,173	708,745
District of Columbia	15	81,379	40	403,653	2	407,898	57	270,491	892,930
Florida	80	4,151,266	393	5,026,500	27	1,670,154	500	7,329,528	10,847,920
Georgia	80	1,623,153	541	4,742,675	17	281,268	638	6,478,209	6,647,096
Idaho	4	25,750	59	344,285	3	12,055	66	286,423	382,090
Illinois	353	8,661,257	1,087	7,666,197	77	2,772,974	1,517	9,920,654	19,100,428
Indiana	115	18,894,086	405	5,037,357	22	693,093	542	16,473,189	24,624,536
Iowa	57	449,998	251	2,074,967	9	28,133	317	1,740,735	2,553,098
Kansas	46	451,330	145	681,717	12	36,585	203	860,980	1,169,632
Kentucky	63	1,319,686	286	1,411,075	17	248,035	366	2,193,977	2,978,796
Louisiana	39	331,007	237	2,836,033	2	5,300	278	2,432,969	3,172,340
Maine	69	414,572	190	1,069,755	13	40,118	272	777,984	1,524,445
Maryland	96	2,016,854	179	1,339,472	21	877,611	296	3,288,745	4,233,937
Massachusetts	380	4,932,349	578	6,285,921	83	1,991,650	1,041	5,286,307	13,209,920
Michigan	110	2,877,777	299	2,744,492	17	99,556	426	3,465,435	5,721,825
Minnesota	76	1,074,341	253	2,367,676	12	314,467	341	2,395,670	3,756,484
Mississippi	22	167,459	250	1,801,557	7	91,729	279	1,720,216	2,060,745
Missouri	155	2,480,913	529	4,752,997	33	672,813	717	5,637,098	7,906,723
Montana	9	69,067	52	527,599	3	770,000	64	1,240,174	1,366,666
Nebraska	32	296,678	143	1,409,415	2	5,300	177	1,204,058	1,711,393
Nevada	.....	.....	22	70,714	1	5,000	23	36,459	75,714
New Hampshire	11	120,246	32	240,411	.....	.....	43	199,961	360,657
New Jersey	136	4,521,601	282	3,933,813	19	982,552	437	6,092,011	9,437,966
New Mexico	3	159,800	27	205,833	.....	.....	30	262,022	365,633

No. 122.—Failures in Manufacturing, Trading, etc., Calendar Year 1915: By States and by Geographic Divisions—Continued.

State.	Manufacturing.		Trading.		Other.		Total.		
	No.	Liabilities.	No.	Liabilities.	No.	Liabilities.	No.	Assets.	Liabilities.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*	*Dollars.*
New York	1,381	25,171,633	2,136	32,733,622	225	14,913,987	3,742	32,477,504	72,819,242
North Carolina	30	966,077	255	1,593,370	8	162,513	293	2,823,644	2,721,960
North Dakota	9	108,453	62	594,837	1	400	72	467,284	703,690
Ohio	245	3,639,492	528	3,591,704	32	1,923,845	805	7,274,789	9,155,041
Oklahoma	30	284,609	422	2,939,461	10	343,256	462	2,655,545	3,567,326
Oregon	94	1,101,102	275	2,239,317	24	287,815	393	1,987,853	3,628,234
Pennsylvania	366	9,513,861	1,002	9,029,504	70	3,406,792	1,438	14,493,997	21,950,157
Rhode Island	59	853,077	117	905,650	7	93,346	183	1,287,331	1,852,073
South Carolina	15	160,858	298	3,100,831	3	64,880	316	3,002,503	3,326,569
South Dakota	4	10,150	51	506,927	1	2,828	56	274,169	519,905
Tennessee	81	1,093,693	410	2,296,685	21	287,532	512	2,439,511	3,677,910
Texas	63	1,081,578	796	8,947,247	24	168,235	883	5,519,109	10,197,060
Utah	10	51,545	66	305,477	1	2,500	77	173,180	359,522
Vermont	28	310,257	31	216,064	1	2,200	60	291,733	528,521
Virginia	72	587,350	374	2,379,224	11	37,300	457	2,056,607	3,003,874
Washington	115	3,037,985	382	2,853,695	28	1,921,364	525	4,948,280	7,813,044
West Virginia	18	280,275	189	1,288,310	11	1,223,782	218	2,150,100	2,792,367
Wisconsin	77	2,514,131	248	1,990,323	15	194,184	340	4,110,824	4,698,638
Wyoming	.....	.....	21	246,775	.....	.....	21	168,732	246,775
Total	5,116	112,026,484	16,030	150,233,647	1,010	40,026,017	22,156	183,453,785	302,286,148
Geographic divisions.[1]									
New England	639	8,197,728	1,210	10,259,875	116	2,392,103	1,965	9,176,346	20,849,706
Middle Atlantic	1,883	39,207,095	3,420	45,696,939	314	19,303,331	5,617	53,063,512	104,207,365
South Atlantic	415	10,529,076	2,285	19,917,416	101	4,728,906	2,801	27,786,000	35,175,398
South Central	375	5,642,572	3,137	27,174,794	107	1,524,995	3,619	23,555,111	34,342,361
Central East	900	36,586,743	2,567	21,030,073	163	5,683,652	3,630	41,244,891	63,300,468
Central West	379	4,871,863	434	12,388,536	70	1,060,526	1,883	12,579,994	18,320,925
Western	49	437,953	1,378	2,970,462	19	1,152,766	446	3,696,952	4,561,181
Pacific	476	6,553,454	1,599	10,795,552	120	4,179,738	2,195	12,350,979	21,528,744

[1] For States included in each division, see note 1, p. 167.

No. 123.—OLEOMARGARINE: PRODUCTION ON WHICH INTERNAL-REVENUE TAX WAS PAID, YEARS ENDED JUNE 30, 1912 TO 1915, BY STATES.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1912		1913		1914		1915	
	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.
	Pounds.	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*
Arkansas	180	18.00						
Colorado					394,390	2,619.10	505,650	4,691.25
Delaware			476	47.60				
Georgia							8,250	825.00
Illinois	77,250,455	401,020.22	87,413,298	500,075.61	89,220,748	478,761.20	100,379,921	472,217.57
Indiana	1,139,826	8,682.50	1,402,905	10,656.45	1,079,210	8,714.75	1,069,069	7,613.50
Iowa	15	1.50	215	21.50	230	23.00		
Kansas	9,728,218	36,846.37	12,902,214	51,462.45	11,630,683	55,986.27	8,545,803	46,881.33
Kentucky			49	4.90			22	2.16
Louisiana							8,800	880.00
Maine					152	15.20		
Maryland	351,700	955.30	372,192	1,707.73	359,199	3,478.80	311,799	3,879.00
Massachusetts					29	1.95	1,286,000	3,215.00
Michigan	16,775	1,677.50			3,500	350.00	145,900	364.75
Minnesota	1,407,000	3,517.50	1,607,852	4,019.63	1,372,000	3,430.00	1,193,700	2,984.25
Missouri	2,535,449	27,716.99	2,766,899	37,881.20	2,781,641	30,375.65	4,143,206	50,429.15
Nebraska	60	6.00	12	1.20			1,043,400	2,608.50
New Hampshire					30	3.00		
New Jersey	4,461,242	14,106.38	7,492,960	23,546.17	6,335,650	19,726.45	8,152,176	20,506.44
New York	25	2.50	3,780	378.00				
Ohio	17,644,246	90,764.95	16,419,240	87,463.95	15,645,908	94,963.94	14,127,979	141,016.04
Pennsylvania	60	6.00	140	14.00				
Rhode Island	10,376,488	25,941.22	11,402,041	28,605.04	11,889,713	49,782.14	1,484,082	4,206.53
Tennessee							210	21.00
Texas	1,299,087	18,270.03	1,372,282	18,682.63	1,050,540	15,554.85	872,000	13,470.50
Virginia	2,822	141.53	683	61.28			1,105	44.59
West Virginia	37,500	3,750.00					2,684	268.40
Wisconsin							46,992	117.48
Total	[1]126,251,147	633,427.49	[2]143,157,238	764,629.34	[3]141,763,605	763,786.30	[4]143,268,730	788,342.44

[1] Includes 3,259,483 pounds, at 10 cents, and 122,991,664 pounds, at one-fourth of 1 cent per pound.
[2] Includes 4,171,654 pounds, at 10 cents, and 138,985,584 pounds, at one-fourth of 1 cent per pound.
[3] Includes 4,198,741 pounds, at 10 cents, and 137,564,864 pounds, at one-fourth of 1 cent per pound.

No. 125.—SUGAR, MOLASSES, AND SIRUP MADE IN FACTORIES FROM SUGAR CANE AND SUGAR BEETS FROM THE CROP OF 1909: QUANTITIES AND VALUES.

[Source: Reports of the Bureau of the Census, Department of Commerce. The statistics include the output of factories engaged in manufacturing sugar from cane and from beets, but does not include sirup manufactured in factories engaged exclusively in making sirup, nor small quantities of sugar

Item.	Cane sugar.	Beet sugar.	Total.
Sugar:			
Pounds	668,278,834	1,003,363,401	1,671,642,235
Value	$26,686,461	$45,937,629	$72,624,090
Molasses:			
Gallons	25,280,883	20,812,747	46,093,630
Value	$2,888,597	$1,129,905	$4,018,502
Sirup:			
Gallons	1,449,860	.....	1,449,860
Value	$365,632	.....	$365,632

No. 126.—SUGAR BEETS AND BEET SUGAR: BEETS AND BEET SUGAR PRODUCED IN THE UNITED STATES, 1901 TO 1912, AND IN 1913 AND 1914, BY STATES.

[Source: Reports of the Department of Agriculture.]

Year of beet crop, and State.	r of factories.	length of campaign.	nade. (Chiefly ained.)	Sugar beets used.				Analysis of beets.		Recovery of sucrose.[1]	
				har-d.	yield re.	tity d.	price n.	ge of se.[2]	coeffi-[3]	ge of beets.	ge of crose

PAID FOR CONSUMP-

tion uit r, in- g ap- ach, ape.	Total production of distilled spirits.	Distilled spirits other than fruit brandy [tax paid for consumption].
lls.	*Tax. galls.*	*Tax. galls.*
176	81,909,771	74,453,039
852	89,992,555	67,039,910
427	64,279,075	68,833,231
198	83,668,411	78,353,301
769	100,162,334	83,819,314
487	109,245,187	93,500,840
602	128,568,201	99,267,732
400	132,843,802	103,401,447
673	148,206,875	112,905,399
262	139,505,214	116,148,344
584	153,259,378	116,143,732
072	150,110,197	122,732,822
305	174,712,218	134,142,074
823	133,389,563	119,808,402
858	139,891,613	114,799,465
434	163,893,960	126,453,592
132	183,355,527	132,166,148
823	187,571,808	133,377,458
875	193,606,258	140,418,289
897	181,919,542	136,433,749
951	140,656,103	121,639,124

reweries for export free of tax.

No. 128.—DISTILLED SPIRITS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1910 TO 1915.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1910	1911	1912	1913	1914	1915
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]
Alabama and Mississippi[2]	.....	.....	122,348	122,427	144,612	81,891
Arkansas	38,228	62,655	69,280	113,103	76,590	31,438
California and Nevada	9,377,373	9,768,107	11,926,361	11,076,156	11,688,955	14,735,978
Colorado and Wyoming	.....	.....	.....	.....	.....	57
Connecticut	136,767	176,498	160,326	151,714	160,406	142,853
Rhode Island		1,287	1,413	4,212	2,234	944
Florida	212,837	158,780	120,882	141,177	107,882	142,389
Georgia	11,773	72	.....	218	.....	.....
Hawaii	19,467	27,151	11,221	30,934	19,751	18,666
Illinois	38,027,381	40,467,742	38,932,758	43,964,336	41,628,073	33,265,472
Indiana	25,873,720	28,588,922	27,522,220	28,552,317	24,938,524	19,073,089
Kentucky	36,735,235	46,133,576	43,749,193	43,404,841	37,919,422	13,941,412
Louisiana and Mississippi[2]	8,869,832	9,639,498	10,867,595	11,322,848	10,720,023	12,974,076
Maryland and two counties in Virginia[3]	3,808,376	5,017,336	5,589,729	6,007,113	5,022,489	2,602,767
District of Columbia		453,015	626,863	635,023	761,401	620,729
Delaware		.....	.....	.....	.....	.....
Massachusetts	4,295,780	4,769,467	5,355,847	5,066,211	7,346,829	7,910,430
Michigan	2,376,643	1,215,864	2,284,627	2,004,580	1,070,650	1,902,013
Missouri	336,767	539,876	495,934	530,028	329,606	289,881
Montana, Idaho, and Utah	8,721	13,523	.....	.....	34,854	19,191
Nebraska	2,348,619	2,293,136	2,388,874	2,214,558	2,109,018	1,659,946
New Hampshire, Maine, and Vermont	597	1,594	588	678	1,064	4,693
New Jersey	66,375	67,936	120,743	70,786	75,888	95,779
New Mexico and Arizona	103	1,195	891	1,873	263	555
New York	8,775,394	9,630,100	10,179,057	10,057,414	10,444,779	10,717,299
North Carolina	601	847	727	2,208	242	1,114
Ohio	9,320,420	10,305,038	11,419,929	11,268,793	10,882,800	7,487,799
Oregon	407	932	1,357	259	153	.....
Pennsylvania	9,322,097	9,597,993	10,583,503	11,679,566	12,105,662	8,954,580
South Carolina	.....	398,467	586,329	548,614	82,342	836,259
Tennessee	619,034	12,169	.....	1,956	.....	.....
Texas	.....	255	.....	622	.....	.....
Virginia	977,248	1,310,495	1,505,780	1,437,649	1,478,352	1,010,556
Washington and Alaska	175	727	115,492	448,963	21,223	270
West Virginia	197,414	171,744	294,117	296,403	268,111	.....
Wisconsin	2,136,581	2,529,530	2,537,880	2,448,678	2,482,344	2,133,977
Total	168,898,960	183,355,527	187,571,808	193,606,258	181,919,542	140,656,108

[1] See explanatory notes, p. 7.

[2] State of Mississippi detached from Louisiana and consolidated with Alabama June 1, 1908, to be known as the district of Alabama.

[3] After 1910 the two counties in Virginia are nominally included with that State.

NOTE.—There was no production of distilled spirits during the fiscal year 1915 in the following States and Territories: Alaska, Arizona, Delaware, Georgia, Idaho, Iowa, Kansas, Maine, Minnesota, Mississippi, Nevada, North Dakota, Oklahoma, South Dakota, Tennessee, Texas, Utah, Vermont, and Wyoming.

No. 129.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1910 TO 1915.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1910	1911	1912	1913	1914	1915
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
Alabama	11,553	13,290	39,835	44,945	45,426	35,659
Mississippi		.....	.....	.....	.....	.....
Arkansas	12,700	10,025	8,850	10,550	10,950	10,827
California	1,255,131	1,215,405	1,296,355	1,335,449	1,390,890	1,281,951
Nevada		18,740	18,662	15,420	17,580	17,558
Colorado	450,876	*435,072*	*387,761*	*389,472*	*374,853*	*326,128*
Wyoming		16,110	16,935	15,300	15,425	14,872
Connecticut	1,311,365	736,146	736,261	786,267	786,272	760,502
Rhode Island		649,171	667,385	701,630	691,734	621,977
Florida	19,425	18,350	21,200	25,500	25,455	29,983
Georgia	128,750	129,455	138,955	141,620	142,430	110,073
Hawaii	13,633	16,683	20,967	25,348	31,335	35,194
Illinois	6,024,884	6,630,254	6,263,862	6,656,823	6,987,568	6,269,757
Indiana	1,304,148	1,469,030	1,546,292	1,699,281	1,769,038	1,568,028
Iowa	482,668	511,536	447,114	484,088	503,370	472,764
Kansas and Oklahoma[2]	510	.....	101	.....	20	.....
Kentucky	756,441	822,555	801,935	821,640	858,515	763,112
Louisiana and Mississippi[3]	466,301	471,560	483,988	542,156	524,965	502,811
Maryland and two counties in Virginia[4]	1,434,519	1,077,884	1,093,838	1,139,620	1,177,744	1,116,811
District of Columbia		286,721	284,576	266,580	230,944	169,973
Delaware		142,017	129,695	145,895	137,820	125,599
Massachusetts	2,112,006	2,381,435	2,386,905	2,541,615	2,521,618	2,378,437
Michigan	1,538,663	1,724,156	1,792,105	2,008,371	2,113,494	1,929,472
Minnesota	1,579,167	1,652,184	1,512,139	1,633,452	1,749,555	1,643,108
Missouri	3,903,585	4,223,769	4,030,390	4,170,085	4,142,160	3,567,763
Montana	476,054	241,385	282,618	268,851	288,247	241,642
Idaho		32,780	29,591	27,218	20,545	23,796
Utah		*140,123*	*129,105*	*140,648*	*149,715*	*130,121*
Nebraska	414,519	436,268	413,014	442,388	453,640	425,919
New Hampshire	268,168	260,395	266,720	289,010	283,100	282,027
Maine		532	355	360	1,631	590
Vermont		.....	.....	.....	.....	.....
New Jersey	3,261,214	3,418,162	3,397,375	3,531,616	3,495,594	3,219,685
New Mexico	26,975	8,777	9,240	8,756	8,637	9,168
Arizona		15,147	18,850	20,410	21,235	8,535
New York	13,097,340	13,732,743	13,677,850	13,956,878	14,040,387	13,180,111
North Dakota	50,605	.....	.....	.....	.....	.....
South Dakota		52,345	44,808	44,352	44,557	43,052
Ohio	4,257,053	4,573,275	4,742,665	5,150,187	5,147,419	4,622,581
Oklahoma	.....	.....	72	178	.....	13
Oregon	224,722	245,002	243,819	222,888	212,276	181,272
Pennsylvania	7,664,141	7,811,731	7,449,543	7,959,509	8,008,786	7,166,300
South Carolina	2,942	5,258	2,688	3,362	4,607	3,767
Tennessee	221,850	256,395	273,850	278,882	225,923	89,573
Texas	612,156	678,796	673,262	744,911	740,502	661,867
Virginia	174,479	190,473	196,756	208,511	197,035	164,517
Washington	867,065	875,028	854,147	876,772	965,562	876,962
Alaska		6,283	7,417	5,891	8,983	5,912
West Virginia	302,780	363,330	370,142	371,017	342,942	.....
Wisconsin	4,816,387	5,287,347	5,016,701	5,171,179	5,278,989	4,718,431

No. 130.—LEAF TOBACCO HELD BY MANUFACTURERS AND DEALERS: QUANTITIES, BY TYPE, ON APR. 1 AND OCT. 1, 1913 TO 1915.[1]

Type.	Apr. 1—			Oct. 1—		
	1913	1914	1915	1913	1914	1915
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Imported types	51,762,509	62,260,519	70,002,758	55,721,559	65,919,463	63,658,729
CHEWING, SMOKING, SNUFF, AND EXPORT TYPES.						
Burley	327,078,118	311,288,658	343,738,796	225,198,655	203,672,017	249,803,577
Dark district of Kentucky and Tennessee:						
Dark fired as grown in Clarksville, Hopkinsville, and Paducah districts	142,932,046	170,830,884	158,725,092	111,639,451	141,703,493	149,833,563
Henderson	13,210,207	9,198,533	11,788,039	7,818,038	1,979,790	2,424,313
Green River	64,999,386	59,655,574	58,388,601	50,389,414	48,155,813	45,192,580
One Sucker	36,982,698	44,193,297	37,294,435	31,865,951	27,841,665	22,259,554
Total	258,124,337	283,878,288	266,196,167	201,712,854	219,770,761	219,710,010
Virginia sun cured	13,097,801	12,725,275	13,654,647	10,252,437	13,204,889	9,464,827
Virginia dark	53,857,371	54,045,869	51,243,993	33,730,127	34,248,333	28,655,831
Bright yellow district of Virginia, North Carolina, and South Carolina	254,160,204	282,340,568	335,724,803	227,986,976	238,371,725	276,771,734
Maryland	3,945,559	4,063,652	9,876,686	6,772,798	7,836,065	17,629,058
Eastern Ohio export	3,006,429	2,473,005	3,206,038	702,191	1,768,504	4,198,503
All other domestic, including Louisiana perique	664,243	698,652	525,163	647,966	538,707	503,022
Total chewing, etc.	913,934,062	951,513,967	1,024,166,293	707,004,004	719,411,001	806,736,562
CIGAR TYPES.						
New England, including Connecticut:						
Broad leaf	(2)	(2)	30,537,681	(2)	31,496,231	31,217,506
Havana seed	(2)	(2)	27,853,216	(2)	17,479,910	24,359,058
Shade grown	(2)	(2)	2,304,891	(2)	1,225,756	2,194,585
Total	51,979,997	55,976,972	60,695,788	44,164,428	50,201,897	57,771,149
New York	5,853,361	6,052,880	5,474,879	4,988,996	3,721,499	4,250,488
Pennsylvania	141,014,950	125,605,938	127,238,967	127,344,947	113,013,069	105,460,066
Ohio	90,327,075	82,436,075	91,029,148	84,081,349	68,520,538	74,329,126
Wisconsin	93,763,622	85,741,267	88,661,983	72,088,498	71,334,437	78,891,003
Georgia and Florida	6,231,271	6,471,667	6,460,514	8,352,237	10,548,752	8,515,339
Porto Rico	3,814,318	4,384,403	6,934,852	4,128,480	4,873,816	5,888,910
All other domestic	571,432	544,001	363,256	899,154	515,487	261,576
Total cigar types	393,556,026	367,213,203	386,859,387	346,048,089	322,729,495	335,367,657
Grand total	1,359,252,597	1,380,987,689	1,481,028,438	1,108,773,652	1,108,059,959	1,205,762,948

[1] The act of Congress approved Apr. 30, 1912, authorized the Bureau of the Census to collect statistics of leaf tobacco held on Apr. 1 and Oct. 1 of each year. It provided that a report should be secured from each manufacturer of tobacco who, according to the returns of the Commissioner of Internal Revenue, manufactured during the preceding calendar year more than 50,000 pounds of tobacco; from each manufacturer of cigars who manufactured more than 250,000 cigars; from each manufacturer of cigarettes who manufactured more than 1,000,000 cigarettes; and from each dealer in leaf tobacco who, on an average, had more than 50,000 pounds of leaf tobacco in stock at the ends of the four quarters of the preceding calendar year. The first report made under the provisions of this law was of leaf tobacco held on Oct. 1, 1912, and statistics have been collected regularly since that date.

[2] Not reported separately.

No. 131.—COTTON SEED AND COTTONSEED PRODUCTS: PRODUCTION AND MANUFACTURE, QUANTITIES AND VALUES, 1890 TO 1914.

[Source: Reports of the Bureau of the Census, Department of Commerce. In the preparation of this table a number of sources of information have been utilized, but it has been found impracticable to secure in all instances satisfactory data for the years indicated, and only an approximation to the facts is claimed. Statistics of the quantity of seed produced and manufactured and of cottonseed products relate to the growth year.]

Year.	Cotton seed—		Cottonseed products.			
				Oil.		
	Produced.	Manufactured.	Total value.	Quantity.	Value.	
					Total.	Per gallon.
	Short tons.	*Short tons.*	*Dollars.*	*Gallons.*	*Dollars.*	*Cents.*
1890	4,093,000	1,023,000	19,790,000	40,930,000	11,460,000	28
1891	4,274,000	1,068,000	20,520,000	42,740,000	11,540,000	27
1892	3,183,000	1,050,000	18,630,000	42,010,000	10,080,000	24
1893	3,579,000	1,431,000	28,500,000	57,260,000	16,600,000	29
1894	4,792,000	1,677,000	24,870,000	67,090,000	13,420,000	20
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	20
1896	4,070,000	1,628,000	26,260,000	65,120,000	11,720,000	18
1897	5,253,000	2,101,000	26,680,000	84,040,000	12,610,000	15
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	14
1899	4,668,000	2,479,000	42,410,000	93,330,000	21,390,000	23
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	27
1901	4,630,000	3,154,000	62,980,000	118,610,000	33,210,000	28
1902	5,092,000	3,269,000	71,290,000	122,910,000	40,560,000	33
1903	4,717,000	3,241,000	73,930,000	121,880,000	39,000,000	32
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	23
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	21
1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	28
1907	4,952,000	2,565,000	65,980,000	103,050,000	33,390,000	32
1908	5,904,000	3,670,000	86,090,000	146,790,000	44,090,000	30
1909	4,462,000	3,269,000	105,720,000	131,000,000	55,230,000	42
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	48
1911	6,997,000	4,921,073	131,340,000	201,650,000	66,580,000	33
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	37
1913	6,305,000	4,847,628	159,670,000	193,330,000	81,020,000	42
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	35

Year.	Cottonseed products—Continued.					
	Cake and meal.		Hulls.		Linters.	

.DINGS, BY PRINCIPAL CITIES, CALENDAR YEARS 1909 TO 1915.
rtment of the Interior.]

1912	1913		1914		1915[1]	
Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.
Dollars.		*Dollars.*		*Dollars.*		*Dollars.*
9,806,836	3,606	5,112,944	3,146	4,564,387	2,740	4,583,346
(2)	13,321	14,053,802	12,058	16,308,299	2,043	10,079,569
26,755,652	4,549	22,780,011	4,247	23,187,282	7,311	29,128,394
40,537,784	10,962	34,762,506	11,445	41,872,307	3,028	40,266,620
12,992,000	4,059	13,300,360	3,984	10,709,000	4,804	11,810,000
2,946,490	527	6,588,685	541	6,300,105	663	2,918,525
83,175,900	10,792	89,668,427	9,938	83,261,710	10,339	97,291,480
8,660,264	2,952	7,543,475	3,600	8,150,000	2,506	11,761,949
18,180,078	6,160	22,543,365	12,790	26,991,050	14,364	32,660,005
4,675,303	3,888	5,508,408	2,636	6,885,065	2,836	4,928,434
3,552,120	1,189	3,288,350	870	2,977,990	782	2,170,134
5,332,675	2,034	2,797,148	3,721	3,750,460	3,084	2,648,575
25,588,470	9,326	30,434,380	7,844	28,207,395	8,966	32,235,450
1,240,255	557	1,507,855	590	1,493,235	(2)	(2)
2,456,516	1,726	4,169,000	1,982	3,618,119	1,901	2,675,037
7,379,525	1,169	5,784,751	1,025	4,052,076	1,402	5,603,695
9,150,407	5,400	9,361,973	5,693	7,933,381	6,177	6,981,384
5,911,880	1,344	5,413,607	1,171	3,826,174	1,308	5,351,130
795,775	692	1,252,860	737	1,110,988	749	924,099
12,127,079	3,719	10,578,162	3,253	10,204,970	3,517	10,668,359
31,367,995	16,442	31,641,921	9,979	17,361,925	8,759	12,084,682
6,562,777	2,402	3,617,540	2,306	4,397,310	2,300	3,993,980
1,291,649	531	969,868	633	773,514	733	1,171,550
7,162,214	3,363	3,949,368	2,617	2,946,818	2,303	2,730,288
15,257,162	4,015	13,647,624	3,865	9,882,085	3,877	12,146,763

60	6,026	13,735,285	5,905	14,229,475	6,135	12,857,935	6,015	15,214,525	6,830	16,349,080
40	1,515	1,499,408	1,503	1,378,997	(2)	(2)	(2)	(2)	3,236	1,510,417
12	2,460	10,975,334	2,937	11,628,358	3,075	16,317,973	2,105	10,061,910	2,498	7,926,429
37	950	2,601,150	940	2,400,050	1,245	3,067,700	1,062	3,039,736	1,012	3,122,564
55	1,196	5,868,519	1,330	4,762,341	1,100	4,790,151	1,136	4,380,842	1,524	7,104,947
30	[4] 2,282	[4] 3,155,150	1,794	3,309,620	1,857	4,088,261	1,635	2,948,751	1,301	2,825,595
25	6,496	135,703,715	8,283	163,519,362	9,443	107,104,707	8,764	74,030,241	7,659	103,023,800
43	3,946	7,132,566	4,058	8,821,950	3,748	8,535,251	3,649	4,717,520	3,342	5,145,285
58	1,372	5,426,863	1,372	4,546,761	1,236	4,110,733	1,295	4,610,456	1,351	5,385,005
55	16,215	40,030,985	11,192	36,392,405	7,700	35,125,810	12,774	34,694,340	9,530	39,544,025
64	4,392	11,963,257	3,890	11,530,531	2,943	15,470,955	3,522	18,194,182	3,921	14,327,017
52	7,686	19,152,370	8,224	14,652,071	6,710	12,956,915	5,959	8,334,075	4,623	4,895,345
00	2,755	5,524,200	2,856	8,530,800	3,184	7,289,100	3,589	6,334,900	(2)	(2)
55	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	494	1,012,100
22	1,528	6,018,699	1,631	6,255,711	1,501	3,636,476	1,591	3,391,571	1,375	3,244,752
28	3,680	9,389,775	3,888	12,035,466	3,268	9,642,124	3,247	8,733,257	3,391	9,108,343
31	648	995,473	850	1,119,797	713	895,079	740	625,574	643	952,718
63	8,152	18,607,556	8,760	20,675,804	8,302	15,340,012	9,418	12,885,398	5,181	9,815,000
06	2,033	6,909,240	3,491	8,051,417	3,564	9,456,450	3,741	14,718,696	2,688	11,678,563
56	6,079	20,915,474	6,316	23,338,563	5,606	21,037,264	5,907	28,177,563	6,465	14,893,726
48	787	1,969,454	676	1,716,491	628	1,413,559	665	1,668,904	804	1,764,365
78	10,959	7,491,156	9,819	8,415,325	9,597	9,321,115	9,104	12,664,970	8,314	6,470,655
32	1,698	5,238,184	1,546	4,487,861	1,855	5,206,768	1,855	3,412,184	2,025	4,663,216
88	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2,832	7,714,679
56	4,678	14,464,548	5,048	17,593,848	4,585	10,499,402	3,701	10,415,645	5,147	11,738,181
55	1,545	4,716,163	1,698	6,689,900	1,576	4,780,495	1,587	5,731,469	1,855	4,571,864
75	201,771	687,506,961	202,357	738,989,710	204,296	673,220,625	203,732	619,752,354	184,533	645,601,119

enditures for building operations.

[4] Public buildings not included.

[5] Data for the boroughs of Manhattan and Bronx only.

CALENDAR YEARS 1899, 1904, AND 1909.

not represent the total production, because certain important manufacture and the statistics for them are accordingly included electric and other power rented from outside sources; it does not er for 1899 there is a difference of 154,723 horsepower between ect revision of the figures for each industry for comparison with

l-es.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
					Wage earners (average number).	Value of products.
	Expressed in thousands.					
7s.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
140	28,609	60,307	146,329	86,022	6.7	30.6
573	25,003	48,281	112,007	63,726	1.7	10.7
363	22,451	43,945	101,207	57,262	.....	.....
160	3,974	13,627	23,981	10,354	130.6	357.0
232	1,397	2,014	5,247	3,233	−18.5	−16.6
291	1,561	2,763	6,293	3,530	.....	.....
785	5,342	7,043	18,596	11,553	297.3	350.5
261	1,403	1,430	4,128	2,698	.....	.....
202	307	1,360	2,340	980	140.1	105.4
67	137	687	1,139	452	37.0	129.2
38	79	249	497	248	.....	.....
179	48,694	131,646	249,202	117,556	528.4	729.7
257	7,159	13,151	30,034	16,883	437.7	532.6
295	1,321	1,804	4,748	2,944	.....	.....
309	2,188	8,377	14,499	6,122	23.6	28.7
507	1,757	6,670	11,269	4,599	2.9	25.2
325	1,569	5,228	9,144	3,916	.....	.....
155	88	828	1,481	653	47.9	68.5
55	62	368	879	511	− 6.3	22.4
83	55	360	718	358	.....	.....

897	1,491	2,293	7,418	739	561	16,270	19,768	3,498	57.6	50.9
569	882	1,138	4,129	265	338	10,864	13,100	2,236	6.4	42.5
535	--------	999	3,116	172	295	7,998	9,191	1,193	--------	--------
7,968	8,838	6,855	24,625	1,068	2,942	46,364	54,882	8,518	39.3	46.7
5,722	6,308	4,522	12,387	602	1,829	30,758	37,399	6,641	45.9	90.3
3,922	--------	1,755	7,418	379	1,102	16,439	19,652	3,213	--------	--------
3,212	3,683	3,885	10,780	714	1,306	10,355	15,698	5,343	29.9	55.6
2,473	2,886	2,927	11,441	405	930	6,595	10,087	3,492	24.3	48.4
1,989	--------	2,148	6,917	369	628	4,499	6,799	2,300	--------	--------
2,155	3,531	3,335	33,647	1,710	1,046	9,338	20,775	11,437	−12.0	9.1
2,449	3,355	2,965	13,233	939	1,042	8,940	19,043	10,103	26.4	30.7
1,938	--------	2,446	8,338	835	717	7,127	14,568	7,441	--------	--------
4,664	5,419	7,196	4,199	244	1,747	2,335	5,695	3,360	− 8.7	9.8
5,106	5,867	6,252	3,600	203	1,731	1,803	5,187	3,384	21.1	42.7
4,217	--------	5,997	2,844	140	1,213	1,335	3,636	2,301	--------	--------
7,204	8,389	57,202	129,629	1,769	4,808	27,265	48,122	20,857	81.8	97.3
3,963	4,726	35,490	55,923	1,095	2,487	14,487	24,394	9,907	101.2	233.1
1,970	--------	14,460	20,142	357	1,092	4,804	7,324	2,520	--------	--------
3,006	4,370	5,638	17,457	1,502	1,861	15,623	23,692	8,069	43.7	66.6
2,092	2,800	3,220	10,785	787	1,165	9,317	14,220	4,903	25.5	33.9
1,667	--------	2,162	7,408	485	914	7,500	10,623	3,123	--------	--------
6,319	7,304	20,547	24,260	1,384	2,956	14,505	24,729	10,224	43.9	39.0
4,390	5,019	13,491	15,909	984	2,057	10,787	17,791	7,004	116.8	158.4
2,025	--------	5,612	6,020	380	982	4,528	6,886	2,358	--------	--------
4,437	5,017	5,932	9,780	582	2,908	5,083	10,699	5,616	33.7	107.6
3,319	3,761	5,730	5,883	351	1,971	2,628	5,153	2,525	−81.1	−83.9
17,525	--------	19,847	29,784	1,753	8,190	16,792	31,916	15,124	--------	--------
1,495	1,776	2,642	4,705	352	1,011	3,369	5,878	2,509	87.8	164.4
796	964	631	1,618	151	501	937	2,223	1,286	75.7	34.9
453	--------	277	884	105	278	729	1,648	919	--------	--------
2,417	4,407	3,977	7,557	1,780	1,146	6,962	14,679	7,717	35.6	69.7
1,782	2,786	2,708	4,560	774	738	4,383	8,651	4,268	1.4	29.2
1,758	--------	1,873	3,662	713	634	3,152	6,698	3,546	--------	--------
313	545	242	556	112	114	494	1,074	580	51.9	58.2
206	306	284	570	45	77	266	679	413	− 6.4	17.9
220	--------	116	415	41	79	245	576	331	--------	--------
228	302	1,023	1,842	78	149	445	1,093	648	14.0	68.7
200	258	1,085	1,663	48	105	203	648	445	135.3	80.0
85	--------	365	782	24	46	106	360	254	--------	--------
198,297	215,923	96,302	222,324	18,629	98,463	332,738	512,798	180,060	23.7	43.4
160,294	171,940	63,968	136,802	9,412	73,072	225,288	357,688	132,400	6.0	23.3
151,231	--------	55,489	110,363	8,159	61,924	191,456	290,047	98,591	--------	--------

[1] Included in "Marble and stone" in 1899.

09—Continued.

of ts.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
		Wage earners (average number).	Value of products.
rs.	*Dollars.*		
721	20,144	— 7.3	—29.0
065	38,065	32.0	70.5
090	18,407	.....	.....
491	4,178	— 2.7	9.1
786	3,976	36.3	32.9
857	2,796	.....	.....
450	28,734	23.2	47.7
867	20,181	16.0	35.0
316	15,551	.....	.....
989	50,761	22.5	46.5
407	36,754	22.1	15.5
354	27,465	.....	.....
865	158,831	23.3	47.2
583	113,594	35.0	53.7
369	80,317	.....	.....
776	69,040	15.9	30.4
152	54,835	6.5	38.8
270	40,264	.....	.....
126	13,548	6.4	38.0
04	10,105	10.4	14.2
84	8,240	.....	.....
58	39,012	18.5	63.2
83	25,203	21.5	28.6
83	21,942	.....	.....

Butter, reworking	1909	24	10	113	295	418	1,471	3,543	128	186	7,424	8,200	776	−27.0	12.8
	1904	35	32	90	404	526	1,684	1,719	85	252	6,247	7,271	1,024	173.0	243.8
	1899	10	.....	29	148	.....	631	256	30	68	1,345	2,115	770	.....	.....
Buttons	1909	444	519	1,058	16,427	18,004	12,831	15,640	1,299	6,789	9,541	22,708	13,167	55.5	104.0
	1904	275	302	768	10,567	11,637	6,982	7,784	711	3,680	4,144	11,134	6,990	21.7	44.7
	1899	238	.....	339	8,685	.....	4,165	4,213	296	2,826	2,803	7,696	4,893	.....	.....
Calcium lights	1909	10	7	4	15	26	53	55	4	11	24	52	28	−63.4	−61.5
	1904	22	28	16	41	85	132	144	12	24	35	135	100	−25.5	13.4
	1899	19	.....	6	55	.....	80	95	6	24	35	119	84	.....	.....
Candles [2]	1909	16	7	103	539	649	799	2,959	161	246	2,176	3,130	954	−33.9	−19.5
	1904	17	25	89	816	930	931	3,004	135	294	2,911	3,889	978	.....	.....
Canning and preserving	1909	3,767	4,244	7,760	59,968	71,972	81,179	119,207	7,864	19,082	101,823	157,101	55,278	5.3	20.4
	1904	3,168	3,450	5,628	56,944	66,022	60,831	79,246	5,231	16,336	83,147	130,466	47,319	− 0.1	31.3
	1899	2,570	.....	4,199	57,012	.....	38,624	55,481	3,479	13,705	63,668	99,335	35,667	.....	.....
Card cutting and designing	1909	68	79	98	525	702	269	684	93	238	374	1,031	657	−24.6	− 4.8
	1904	60	72	66	696	834	222	488	52	261	478	1,083	605	114.2	75.2
	1899	43	.....	25	325	.....	219	338	22	135	313	618	305	.....	.....
Carpets and rugs, other than rag	1909	139	134	1,265	33,307	34,706	38,553	75,627	2,209	15,536	39,563	71,188	31,625	0.3	15.6
	1904	139	149	1,023	33,221	34,393	33,945	56,781	1,397	13,724	37,948	61,586	23,638	16.9	27.8
	1899	133	.....	687	28,411	.....	26,740	44,449	881	11,121	27,229	48,192	20,963	.....	.....
Carpets, rag	1909	428	489	217	1,982	2,688	2,651	1,546	182	860	689	2,568	1,879	14.2	33.9
	1904	363	458	137	1,736	2,331	1,667	1,100	87	675	489	1,918	1,429	31.7	9.3
	1899	805	.....	57	1,318	.....	599	867	30	443	622	1,755	1,133	.....	.....
Carriages and sleds, children's	1909	84	50	419	5,300	5,769	5,281	6,883	490	2,217	4,129	8,805	4,676	32.4	38.2
	1904	78	52	324	4,003	4,379	3,633	4,336	341	1,783	2,840	6,371	3,531	46.8	48.5
	1899	77	.....	172	2,726	.....	2,462	2,907	159	1,090	1,996	4,290	2,294	.....	.....
Carriages and wagons, and materials	1909	5,492	6,213	6,803	69,928	82,944	126,032	175,474	7,960	37,595	81,951	159,893	77,942	−10.2	2.6
	1904	5,588	6,575	6,294	77,832	90,751	106,159	152,345	6,581	38,363	77,528	155,869	78,341	5.5	12.7
	1899	6,792	.....	5,026	73,812	.....	83,771	128,962	4,759	33,565	66,772	138,262	71,490	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1909	1,145	2	19,097	282,174	301,273	293,361	238,317	17,339	181,344	199,413	405,601	206,188	19.1	30.9
	1904	1,140	.....	13,329	236,870	250,199	167,973	146,886	11,920	142,153	151,105	309,775	158,670	36.4	42.0
	1899	1,292	.....	7,094	173,595	.....	95,087	119,473	6,208	96,007	109,472	218,114	108,642	.....	.....
Cars and general shop construction and repairs by street-railroad companies.	1909	541	.....	1,281	22,418	23,699	35,794	38,899	1,204	14,486	15,168	31,963	16,795	102.8	137.9
	1904	86	.....	499	11,052	11,551	3,154	12,906	543	7,013	5,463	13,437	7,974	57.3	43.4
	1899	108	.....	201	7,025	.....	6,443	10,782	194	4,405	4,337	9,371	5,034	.....	.....

[1] Includes 898 establishments reported under "Brooms" and 384 under "Brushes" in 1909.

[2] Included in "Soap" in 1899.

No. 133.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Cars, steam-railroad, not including operations of railroad companies.	1909	110	7	4,001	43,086	47,094	97,797	139,805	5,138	27,135	78,753	123,730	44,977	26.5	11.3
	1904	73	6	2,303	34,058	36,367	55,994	88,179	2,855	20,248	75,657	111,175	35,518	1.8	22.8
	1899	65	.....	1,366	33,453	.....	33,395	88,324	1,538	16,987	61,743	90,510	28,767	.....	.....
Cars, street-railroad, not including operations of railroad companies.	1909	14	1	421	3,583	4,005	15,161	14,168	594	2,177	4,260	7,810	3,550	−24.2	−28.0
	1904	14	3	264	4,730	4,997	7,054	12,976	398	2,840	5,341	10,844	5,503	31.9	48.4
	1899	20	.....	144	3,585	.....	4,865	7,615	235	1,951	3,967	7,305	3,338	.....	.....
Cash registers and calculating machines.	1909	50	7	1,777	7,465	9,249	6,944	27,224	2,736	5,312	3,552	23,708	20,156	83.0	140.1
	1904	32	10	923	4,079	5,012	4,139	7,588	1,109	2,442	1,516	9,875	8,359	97.3	74.0
	1899	18	.....	327	2,067	.....	1,340	5,242	329	1,250	921	5,675	4,754	.....	.....
Cement [1]	1909	135	17	2,719	26,775	29,511	371,799	187,398	3,653	15,320	29,344	63,205	33,861	53.2	111.6
	1904	129	26	1,383	17,478	18,887	149,604	85,759	1,858	8,814	12,215	29,873	17,658	.....	.....
Charcoal	1909	76	75	25	631	731	165	641	23	253	448	872	424	−31.6	−32.5
	1904	74	77	25	923	1,025	355	717	22	343	642	1,292	650	−48.3	13.9
	1899	183	.....	23	1,786	.....	164	811	16	431	405	1,134	729	.....	.....
Chemicals [2]	1909	349	154	3,923	23,714	27,791	208,604	155,144	6,137	14,085	64,122	117,689	53,567	19.7	56.5
	1904	275	123	2,778	19,806	22,707	132,262	96,621	4,048	10,790	42,063	75,222	33,159	4.1	20.1
	1899	433	.....	2,123	19,020	.....	90,349	89,069	2,923	9,393	34,546	62,637	28,091	.....	.....
China decorating	1909	40	45	63	328	436	18	559	80	191	311	786	475	45.8	140.4
	1904	28	30	18	225	273	6	261	16	99	108	327	219	−24.5	−32.6
	1899	49	.....	31	298	.....	.....	269	21	122	207	485	278	.....	.....
Chocolate and cocoa products	1909	27	10	568	2,826	3,404	10,593	13,685	970	1,269	15,523	22,390	6,867	35.2	55.6
	1904	25	15	291	2,090	2,396	5,217	8,379	463	822	9,723	14,390	4,667	59.1	48.9
	1899	24	.....	289	1,314	.....	2,756	6,891	371	526	6,877	9,666	2,789	.....	.....
Clocks and watches, including cases and materials.	1909	120	53	1,529	23,857	25,439	14,957	57,500	2,181	12,944	11,131	35,197	24,066	5.7	18.2
	1904	97	63	1,249	22,579	23,891	10,731	42,189	1,638	11,892	9,872	29,790	19,918	31.6	34.7
	1899	109	.....	676	17,155	.....	7,251	31,514	957	8,315	8,819	22,110	13,291	.....	.....

Cloth, sponging and refinishing	1909	57	67	125	975	1,167	704	629	127	651	85	1,544	1,459	22.6	46.6
	1904	55	68	59	795	922	322	401	62	504	39	1,053	1,014	48.9	86.0
	1899	46	.....	39	534	.....	109	289	35	268	17	566	549	.....	.....
Clothing, horse	1909	33	40	142	1,648	1,830	1,454	3,279	171	492	2,773	4,135	1,362	55.0	93.2
	1904	29	32	73	1,063	1,168	656	1,499	72	342	1,329	2,140	811	84.9	64.0
	1899	26	.....	55	575	.....	271	654	47	177	848	1,305	457	.....	.....
Clothing, men's, buttonholes	1909	146	181	20	830	1,031	176	225	12	389	105	781	676	− 8.1	11.6
	1904	141	164	8	903	1,075	137	262	5	380	95	700	605	− 4.3	2.8
	1899	149	.....	11	944	.....	113	247	6	332	98	681	583	.....	.....
Clothing, men's, including shirts	1909	6,354	8,502	23,239	239,696	271,437	42,725	275,320	26,723	106,277	297,515	568,077	270,562	38.0	39.7
	1904	5,145	7,006	15,671	173,689	196,366	29,829	176,557	15,740	68,459	211,433	406,768	195,335	10.2	25.6
	1899	6,419	.....	11,906	157,549	.....	20,457	140,191	12,032	56,391	168,169	323,839	155,670	.....	.....
Clothing, women's	1909	4,558	6,482	18,796	153,743	179,021	22,294	129,301	20,418	78,568	208,788	384,752	175,964	32.9	55.4
	1904	3,351	4,913	10,920	115,705	131,538	14,916	73,948	9,976	51,180	130,720	247,662	116,942	38.2	55.4
	1899	2,701	.....	6,715	83,739	.....	9,962	48,432	6,574	32,586	84,705	159,340	74,635	.....	.....
Coffee and spice, roasting and grinding.[3]	1909	607	497	5,529	7,490	13,516	22,334	46,042	6,596	3,676	83,205	110,533	27,328	25.7	31.3
	1904	421	442	2,844	5,959	9,245	15,703	38,735	3,216	2,830	65,847	84,188	18,341	− 6.7	21.1
	1899	458	.....	2,749	6,387	.....	16,270	28,437	2,951	2,487	55,112	69,527	14,415	.....	.....
Coffins, burial cases, and undertakers' goods.	1909	284	161	1,948	9,339	11,448	16,490	25,843	2,411	4,633	11,964	24,526	12,562	10.3	21.0
	1904	239	168	1,161	8,468	9,797	13,178	18,532	1,345	4,120	9,501	20,266	10,765	23.8	45.3
	1899	217	.....	948	6,840	.....	8,927	13,585	1,023	3,077	6,945	13,952	7,007	.....	.....
Coke	1909	315	101	1,852	29,273	31,226	62,602	152,321	2,072	15,454	64,025	95,697	31,672	54.2	85.0
	1904	278	73	1,386	18,981	20,440	66,669	90,713	1,247	9,304	29,885	51,729	21,844	11.7	45.4
	1899	241	.....	915	16,999	.....	34,767	36,503	797	7,086	19,666	35,585	15,919	.....	.....
Confectionery	1909	1,944	1,832	8,384	44,638	54,854	35,870	68,326	9,137	15,615	81,151	134,796	53,645	23.2	54.8
	1904	1,348	1,306	5,124	36,239	42,729	24,292	43,125	4,840	11,699	48,810	87,087	38,277	34.9	43.6
	1899	962	.....	4,304	26,866	.....	19,410	26,319	3,525	8,020	35,354	60,644	25,290	.....	.....
Cooperage and wooden goods, not elsewhere specified.	1909	1,693	1,760	1,688	26,269	29,717	65,108	50,342	2,047	11,715	36,928	60,248	23,320	− 5.3	4.0
	1904	1,719	1,853	1,537	27,743	31,133	56,988	36,756	1,752	11,843	34,971	57,956	22,985	9.6	37.9
	1899	1,798	.....	969	25,323	.....	38,462	25,602	963	9,860	23,619	42,025	18,406	.....	.....
Copper, tin, and sheet-iron products	1909	4,228	4,423	8,896	73,615	86,934	62,366	217,532	10,288	39,501	112,582	199,824	87,242	38.8	66.6
	1904	2,540	2,851	4,827	53,035	60,713	30,229	147,608	6,070	26,269	63,921	119,933	56,012	38.4	53.1
	1899	1,985	.....	2,924	38,317	.....	28,829	49,679	2,810	16,924	42,602	78,359	35,757	.....	.....
Cordage and twine, and jute and linen goods.	1909	164	80	1,314	25,820	27,214	78,549	76,020	1,863	9,133	40,915	61,020	20,105	1.9	− 5.6
	1904	145	60	1,050	25,332	26,442	66,244	56,467	1,597	8,824	46,031	64,664	18,633	17.0	31.8
	1899	160	.....	682	21,651	.....	47,999	43,153	1,021	6,554	33,064	49,078	16,014	.....	.....
Cordials and sirups	1909	117	94	449	1,095	1,638	1,154	4,804	627	503	5,341	9,662	4,321	65.9	175.3
	1904	63	68	171	660	899	782	1,666	242	235	2,149	3,510	1,361	82.3	66.6
	1899	39	.....	112	362	.....	573	1,153	121	117	1,505	2,107	602	.....	.....

[1] Included in "Lime" in 1899.

[2] Includes "Sulphuric, nitric, and mixed acids" and "Wood distillation, not including turpentine and rosin," in 1899.

[3] Includes "Peanuts, grading, roasting, cleaning, and shelling," in 1899.

| | | |

107	65	553	2,397	3,015	22,213	17,935	942	1,291	9,684
98	82	361	2,707	3,150	17,671	14,904	609	1,264	6,829
77	.....	229	1,647	.....	11,409	7,839	312	788	4,746
009	439	17,905	87,256	105,609	158,768	267,844	20,193	49,381	108,566
784	400	10,619	60,466	71,485	105,376	174,006	11,091	31,842	66,837
581	.....	5,067	42,013	.....	43,674	83,660	4,632	20,579	49,458
461	554	287	2,717	3,558	4,461	2,324	243	1,652	1,205
312	371	144	1,943	2,458	2,588	1,287	132	1,093	747
302	.....	115	2,086	.....	2,933	1,322	93	949	784
51	20	483	1,943	2,446	4,005	6,231	657	1,156	2,651
34	11	188	801	1,000	1,965	2,249	217	451	705
34	.....	125	546	.....	1,044	1,490	127	303	509
108	105	188	2,125	2,418	1,695	2,880	204	922	1,496
124	99	595	9,963	10,657	7,856	18,571	814	3,830	7,394
167	.....	307	7,835	.....	3,052	9,302	309	2,334	5,522
18	13	47	129	189	549	393	68	96	609
10	13	6	49	68	135	98	11	31	96
11	.....	13	76	.....	105	101	22	45	142
253	300	174	1,308	1,782	768	1,449	168	821	351
305	352	175	1,573	2,100	1,032	1,211	160	1,032	376
277	.....	75	964	.....	616	720	63	543	203
82	89	73	318	480	39	193	82	259	126
114	129	38	338	505	45	185	42	245	60
144	.....	22	336	.....	47	231	23	206	63
86	21	763	6,274	7,058	28,601	50,168	1,134	4,304	22,812
124	24	1,289	5,800	7,113	29,665	42,307	1,797	3,309	17,204
97	.....	768	4,502	.....	19,195	19,466	914	2,384	10,335
494	477	1,526	12,191	14,194	8,310	15,768	1,728	5,096	10,361
435	483	1,066	10,199	11,748	5,886	9,501	1,037	4,080	7,537
496	.....	875	8,451	.....	4,386	6,854	739	3,023	5,943
550	323	3,317	18,310	21,950	64,711	121,537	4,406	7,477	69,522
399	294	1,613	14,184	16,091	47,989	68,917	1,934	5,127	39,288
422	.....	1,712	11,581	.....	38,680	60,686	2,125	4,185	28,958
57	47	316	4,158	4,521	7,383	10,413	338	1,978	1,596
62	65	109	3,276	3,450	5,697	5,866	170	1,514	1,311
86	.....	127	3,160	.....	4,835	3,858	154	1,277	1,166
66	30	1,297	14,715	16,042	17,840	39,377	1,920	8,427	17,021
62	38	728	13,634	14,400	21,408	22,493	1,100	7,755	12,339
65	.....	432	9,713	.....	7,470	13,635	614	5,103	8,742

[2] Totals for 1899 and 1904 include some establishments classed under "Copper, tin, and

955	6,271	−11.5	46.5
893	4,064	64.4	48.2
851	2,605	.....	.....
309	112,743	44.3	57.2
809	73,972	43.9	52.3
434	42,976	.....	.....
510	3,305	39.8	52.1
965	2,218	− 6.9	9.0
720	1,936	.....	.....
711	4,060	142.6	225.5
062	1,357	46.7	49.2
382	873	.....	.....
316	1,820	−78.7	−79.7
316	8,922	27.2	60.1
194	4,672	.....	.....
921	312	163.3	438.6
171	75	−35.5	−39.4
282	140	.....	.....
250	1,899	−16.8	− 7.1
422	2,046	63.2	65.0
468	1,265	.....	.....
711	585	− 5.9	9.7
648	588	.6	5.5
614	551	.....	.....
140	17,328	8.2	35.6
603	12,399	28.8	72.9
125	6,790	.....	.....
632	12,271	19.5	28.6
594	10,057	20.7	36.4
896	6,953	.....	.....
960	34,438	29.1	83.9
541	17,253	22.5	26.6
657	15,699	.....	.....
691	4,095	26.9	29.6
392	3,081	3.7	29.0
404	2,238	.....	.....
112	17,091	7.9	20.9
206	15,867	40.4	52.7
472	9,730	.....	.....

ron products" in 1909.

BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

engaged in industry.			Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
ried n-rees.	Wage earners (average number).	Total.		Expressed in thousands.						Wage earners (average number).	Value of products.
				Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
95	195	300	215	527	134	127	305	754	449	9.6	29.6
66	178	267	140	338	59	108	229	582	353	178.1	167.0
47	64	.....	26	137	39	33	71	218	147	.....	.....
142	1,403	1,567	517	2,209	217	579	896	2,269	1,373	— 5.2	14.2
132	1,480	1,637	347	1,543	141	536	769	1,987	1,218	— 9.6	11.3
136	1,638	.....	219	1,086	146	507	628	1,785	1,157	.....	.....
743	3,572	4,522	1,173	5,781	710	1,489	3,810	8,114	4,304	24.4	44.7
476	2,872	3,517	949	3,916	482	1,128	2,506	5,608	3,102	38.2	37.2
306	2,078	.....	435	2,406	259	620	2,144	4,088	1,944	.....	.....
028	1,229	2,634	1,060	5,341	1,082	558	4,458	8,828	4,370	—20.4	13.6
572	1,543	2,599	873	4,405	698	653	3,936	7,772	3,836	23.3	23.2
594	1,251	.....	704	3,314	654	478	3,291	6,308	3,017	.....	.....
30	164	216	1,147	785	29	64	336	467	131	—23.4	34.6
15	214	246	600	239	9	60	233	347	114	1.4	118.2
12	211	.....	187	72	7	46	91	159	68	.....	.....
031	39,453	66,054	853,584	349,152	12,517	21,464	767,576	883,584	116,008	.9	23.9
415	39,110	59,623	775,318	265,117	7,352	19,822	619,971	713,033	93,062	21.4	42.2
522	32,226	.....	670,719	189,281	5,258	16,285	428,117	501,396	73,279	.....	.....
366	14,968	20,965	55,166	64,685	5,865	7,043	83,942	125,331	41,389	32.1	104.9
357	11,333	14,739	28,162	51,784	2,999	4,398	37,668	61,180	23,512	38.0	53.6
538	8,214	.....	15,485	21,401	1,495	3,099	24,777	39,837	15,060	.....	.....
623	531,011	615,485	869,305	1,514,332	93,795	321,521	540,011	1,228,475	688,464	19.8	39.5
406	443,409	502,185	606,165	1,034,135	59,703	246,573	367,412	880,514	513,102	3.8	10.3
286	426,985	.....	443,085	790,741	39,318	219,870	363,036	798,454	435,418	.....	.....
219	464	710	4,995	2,688	255	276	1,272	2,298	1,026	47.3	117.0
77	315	414	3,543	1,516	73	156	625	1,059	434	13.3	— 6.2
75	278	.....	3,505	982	79	136	628	1,129	501	.....	.....

Fuel, manufactured [2]	1909	11	2	22	88	112	1,290	432	22	50	155	311	156	.....	.....
Fur goods	1909	1,241	1,717	2,508	11,927	16,152	2,120	29,249	2,553	7,788	31,777	55,938	24,161	27.3	50.7
	1904	867	1,245	1,172	9,370	11,787	1,994	17,990	1,229	5,123	21,202	37,119	15,917	20.8	43.3
	1899	734	.....	1,141	7,758	.....	907	12,484	1,006	3,927	14,281	25,899	11,618	.....	.....
Furnishing goods, men's	1909	900	1,022	4,431	38,482	43,935	12,116	49,009	5,210	15,093	49,125	87,710	38,585	41.6	78.9
	1904	547	694	2,597	27,185	30,476	5,421	28,044	2,158	8,760	26,565	49,032	22,467	−10.3	10.6
	1899	457	.....	2,149	30,322	.....	3,552	20,576	2,188	9,730	23,670	44,346	20,676	.....	.....
Furniture and refrigerators	1909	3,155	2,657	13,031	128,452	144,140	221,451	227,134	15,561	65,618	108,775	239,886	131,111	12.5	34.9
	1904	2,593	2,286	8,642	114,165	125,093	169,774	158,986	9,524	51,788	76,892	177,795	100,903	26.0	36.1
	1899	1,909	.....	6,751	90,591	.....	119,608	109,267	6,692	36,920	57,406	130,634	73,228	.....	.....
Furs, dressed	1909	93	115	116	1,241	1,472	2,103	1,672	135	806	811	2,391	1,580	12.3	−25.7
	1904	85	109	110	1,105	1,324	1,260	1,296	110	755	1,642	3,216	1,574	32.3	129.7
	1899	92	.....	46	835	.....	1,063	798	49	478	520	1,400	880	.....	.....
Galvanizing	1909	46	26	216	1,447	1,689	1,367	4,197	257	787	5,719	7,338	1,619	15.2	14.3
	1904	36	34	167	1,256	1,457	1,603	2,690	192	620	4,745	6,419	1,674	134.8	159.8
	1899	28	.....	52	535	.....	409	1,776	47	229	1,678	2,471	793	.....	.....
Gas and electric fixtures and lamps and reflectors.	1909	619	431	3,614	18,861	22,906	15,862	36,835	4,340	10,393	20,467	45,057	24,590	50.0	69.6
	1904	405	334	1,749	12,570	14,653	8,444	28,002	2,198	6,408	11,078	26,560	15,482	11.9	34.0
	1899	377	.....	1,294	11,238	.....	6,991	15,855	1,492	5,188	7,962	19,821	11,859	.....	.....
Gas, illuminating and heating	1909	1,296	277	13,515	37,215	51,007	128,350	915,537	12,385	20,931	52,428	166,814	114,386	21.8	33.3
	1904	1,019	71	9,406	30,506	40,043	73,101	725,035	8,464	17,058	37,180	125,145	87,965	36.1	65.3
	1899	877	.....	5,904	22,459	.....	31,797	567,001	5,273	12,436	20,605	75,717	55,112	.....	.....
Glass	1909	363	87	3,575	68,911	72,573	123,132	129,288	4,994	39,300	32,119	92,095	59,976	7.7	15.7
	1904	399	96	3,040	63,969	67,105	91,476	89,389	3,940	37,288	26,146	79,608	53,462	21.1	40.8
	1899	355	.....	2,268	52,818	.....	52,943	61,424	2,792	27,085	16,731	56,540	39,809	.....	.....
Glass, cutting, staining, and ornamenting.	1909	583	617	1,111	9,362	11,090	4,897	10,296	1,295	5,249	6,246	16,101	9,855	11.7	22.6
	1904	453	504	743	8,379	9,626	3,973	7,365	776	4,359	4,845	13,138	8,293	70.5	50.1
	1899	411	.....	475	4,914	.....	2,098	4,001	487	2,394	3,535	8,750	5,215	.....	.....
Gloves and mittens, leather	1909	377	458	1,138	11,354	12,950	2,889	16,909	1,256	4,764	13,208	23,631	10,423	6.7	33.2
	1904	339	427	640	10,645	11,712	2,725	10,706	585	3,840	10,001	17,740	7,739	−25.8	4.8
	1899	394	.....	659	14,345	.....	2,165	9,090	547	4,183	9,483	16,926	7,443	.....	.....
Glucose and starch	1909	118	86	968	4,773	5,827	28,257	38,866	1,413	2,666	36,899	48,799	11,900	2.0	49.5
	1904	140	111	619	4,679	5,409	35,986	24,053	655	2,641	25,519	32,650	7,131	−21.3	5.6
	1899	132	.....	553	5,943	.....	26,642	52,683	732	2,855	21,580	30,927	9,347	.....	.....
Glue	1909	65	45	530	3,265	3,840	15,596	14,289	747	1,571	7,525	13,718	6,193	14.0	36.7
	1904	58	42	352	2,864	3,258	14,280	10,673	465	1,529	6,186	10,035	3,849	77.0	86.2
	1899	61	.....	159	1,618	.....	6,806	6,144	192	685	3,767	5,389	1,622	.....	.....

[1] Includes "Locomotives, not made by railroad companies" and "Stoves and furnaces, including gas and oil stoves," in 1899.

[2] Not reported separately in 1904 or 1899.

1904, AND 1909—Continued.

Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Wage earners (average number).	Value of products.
n thousands.				
Dollars.	*Dollars.*	*Dollars.*		
1,518	2,630	1,112	− 1.4	− 2.4
1,476	2,695	1,219	20.6	1.1
1,604	2,666	1,062	.....	.....
21,984	23,612	1,628	58.9	26.1
17,538	18,724	1,186	31.0	58.5
10,932	11,812	880	.....	.....
405	1,140	735	−25.7	233.3
117	342	225	59.1	−20.3
217	429	212	.....	.....
15,543	23,419	7,876	20.1	24.5
12,369	18,815	6,446	77.8	57.4
8,752	11,953	3,201	.....	.....
468	1,688	1,220	91.4	114.2
264	788	524	−39.5	−27.6
264	1,089	825	.....	.....
1,614	2,230	616	.....	.....
6,081	11,216	5,135	309.5	529.4
728	1,782	1,054	5.2	26.7
496	1,406	910	.....	.....
311	578	267	.4	29.3
190	447	257	−20.1	− 6.9
243	480	237	.....	.....
1,127	3,673	2,546	9.6	30.7
737	2,811	2,074	2.4	7.7
663	2,611	1,948	.....	.....

.....	1909		74	63	188	2,367	2,618	2,922	6,183	231	947	5,380	8,236	2,856	− 1.9	27.9
	1904		65	87	114	2,414	2,615	2,239	4,265	127	849	4,217	6,440	2,223	76.1	67.3
	1899		70	.....	50	1,371	.....	1,770	1,744	60	434	2,798	3,849	1,051	.....	.....
lt, straw,	1909		94	688	720	6,201	7,609	990	5,275	783	3,421	6,690	13,689	6,999	− 6.0	5.7
	1904		15	605	418	6,594	7,617	797	4,185	436	3,354	6,308	12,956	6,648	−47.4	−39.4
	1899		44	.....	643	12,544	.....	3,252	8,394	675	5,025	10,907	21,393	10,486	.....	.....
.....	1909		73	264	1,763	25,064	27,091	19,245	35,734	2,097	14,223	22,109	47,865	25,756	13.7	30.7
	1904		16	252	1,367	22,047	23,666	16,630	23,258	1,488	11,282	15,975	36,629	20,654	16.8	31.7
	1899		71	.....	726	18,880	.....	11,843	16,701	944	9,119	13,514	27,811	14,297	.....	.....
.....	1909		98	91	799	8,814	9,704	3,482	11,538	1,427	4,471	11,468	21,424	9,956	58.3	106.9
	1904		68	79	438	5,567	6,084	2,366	6,036	487	2,434	5,510	10,357	4,847	.....	.....
.....	1909		18	13	8	152	173	677	382	6	72	110	268	158	−30.9	−13.0
	1904		17	12	19	220	251	684	423	20	94	103	308	205	16.4	57.1
	1899		18	.....	19	189	.....	593	217	6	73	64	196	132	.....	.....
el works	1909		19	7	60	293	360	1,045	1,396	99	166	356	1,015	659	26.3	−27.0
	1904		8	1	40	232	273	1,014	1,227	54	127	256	799	543	.4	60.4
	1899		7	.....	18	231	.....	545	463	36	117	211	498	287	.....	.....
.....	1909	1	74	1,134	5,721	129,275	136,130	103,709	163,641	7,691	44,740	110,241	200,143	89,902	24.2	46.0
	1904	1	44	1,067	4,330	104,092	109,489	78,769	106,943	4,455	31,615	76,789	137,076	60,287	24.4	43.0
	1899	1	06	.....	2,831	83,691	.....	57,346	82,066	3,138	24,434	51,195	95,834	44,639	.....	.....
ot else-	1909		60	236	773	4,907	5,916	9,828	12,784	1,007	2,035	12,371	18,509	6,138	2.7	23.3
	1904		37	234	543	4,778	5,555	8,748	9,872	582	1,880	9,627	15,011	5,384	− 8.3	5.1
	1899		09	.....	584	5,212	.....	8,531	10,634	628	1,838	9,198	14,278	5,080	.....	.....
.....	1909	2	04	1,066	3,927	16,114	21,107	317,789	118,641	3,868	9,779	11,317	42,953	31,636	59.5	80.6
	1904	1	20	746	2,332	10,101	13,179	191,660	66,592	2,001	5,549	6,011	23,790	17,779	46.8	72.6
	1899		75	.....	1,531	6,880	.....	100,421	38,020	1,226	3,403	3,312	13,781	10,469	.....	.....
.....	1909		71	38	695	1,121	1,854	5,857	7,144	1,092	773	4,175	8,865	4,690	57.7	53.5
	1904		60	45	361	711	1,117	3,384	4,610	530	475	2,613	5,774	3,161	41.4	87.5
	1899		60	.....	253	503	.....	1,895	2,945	345	298	1,536	3,080	1,544	.....	.....
.....	1909		47	37	282	505	824	169	2,114	376	203	1,078	2,505	1,427	17.4	33.2
	1904		42	36	141	430	607	224	1,287	191	170	858	1,881	1,023	50.9	45.5
	1899		44	.....	148	285	.....	359	877	134	114	573	1,293	720	.....	.....
nd scien-	1909		63	222	1,136	4,817	6,175	4,856	11,724	1,233	2,925	2,918	10,504	7,586	40.2	95.3
	1904		25	200	508	3,437	4,145	2,110	5,383	532	1,823	1,350	5,378	4,028	23.9	10.8
	1899		61	.....	389	2,775	.....	2,471	4,476	402	1,429	1,363	4,853	3,490	.....	.....
s.....	1909		08	48	4,584	38,429	43,061	1,173,422	487,581	6,525	24,607	320,638	391,429	70,791	9.6	68.8
	1904		90	26	2,231	35,078	37,335	773,278	236,146	2,891	18,935	178,942	231,823	52,881	−10.6	12.1
	1899		23	.....	1,757	39,241	.....	497,272	143,159	2,304	18,484	131,504	206,757	75,253	.....	.....

assifications in 1904 d 1899. [2] Includes "Hats, straw," in 1899. [3] Included in "Hats and caps, other than felt, straw, and wool," in 1899.

No. 133.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Iron and steel, steel works and rolling mills.	1909	446	47	20,639	240,076	260,762	2,100,978	1,004,735	26,191	163,201	657,501	985,723	328,222	15.7	46.3
	1904	415	64	14,330	207,562	221,956	1,649,299	700,182	17,860	122,492	441,204	673,965	232,761	13.3	12.9
	1899	445	.....	7,454	183,249	.....	1,100,801	430,232	9,433	102,336	390,895	597,212	206,317	.....	.....
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.	1909	108	38	1,012	11,345	12,395	22,113	30,250	1,373	5,793	12,804	24,485	11,681	40.2	66.7
	1904	88	49	632	8,090	8,771	13,825	18,913	912	3,642	7,807	14,687	6,880	5.6	5.1
	1899	72	.....	420	7,660	.....	9,165	10,800	571	2,992	8,071	13,978	5,907	.....	.....
Iron and steel, doors and shutters	1909	29	18	197	1,601	1,816	1,997	3,045	224	874	1,283	3,006	1,723	129.0	103.5
	1904	24	19	93	699	811	969	1,120	117	407	602	1,477	875	497.4	361.6
	1899	13	.....	20	117	.....	223	262	19	86	116	320	204	.....	.....
Iron and steel forgings	1909	172	90	935	8,168	9,193	27,803	27,755	1,300	5,003	10,240	20,293	10,053	44.2	67.6
	1904	138	77	605	5,665	6,347	16,069	28,246	824	3,428	5,752	12,110	6,358	20.8	16.0
	1899	90	.....	322	4,688	.....	7,697	9,676	411	2,559	5,213	10,438	5,225	.....	.....
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	1909	57	42	432	2,765	3,239	7,723	8,898	562	1,353	3,972	8,192	4,220	−24.9	− 8.2
	1904	76	60	406	3,681	4,147	10,533	8,742	454	1,684	4,686	8,923	4,237	−17.8	−39.6
	1899	102	.....	431	4,477	.....	12,853	10,751	444	2,042	8,562	14,777	6,215	.....	.....
Iron and steel pipe, wrought	1909	28	17	475	6,817	7,309	20,656	22,266	657	3,963	22,942	30,886	7,944	25.9	77.5
	1904	27	11	296	5,416	5,723	15,094	13,053	369	2,473	12,747	17,401	4,654	− 2.2	−18.3
	1899	19	.....	193	5,536	.....	11,717	18,344	266	2,496	15,524	21,292	5,768	.....	.....
Jewelry	1909	1,537	1,846	4,799	30,347	36,992	11,204	63,811	5,838	18,358	36,675	80,350	43,675	37.4	51.0
	1904	1,023	1,436	2,603	22,080	26,119	7,872	39,679	2,939	12,593	24,177	53,226	29,049	7.9	15.4
	1899	851	.....	1,806	20,468	.....	6,656	27,872	1,842	10,644	22,235	46,129	23,894	.....	.....
Jewelry and instrument cases	1909	120	139	232	2,070	2,441	527	1,841	232	954	1,221	3,116	1,895	23.5	36.0
	1904	97	126	121	1,676	1,923	359	1,438	107	624	843	2,292	1,449	104.6	98.1
	1899	63	.....	52	819	.....	208	548	35	323	436	1,157	721	.....	.....
Kaolin and ground earths	1909	119	53	308	1,990	2,351	20,920	13,226	417	897	2,042	4,681	2,639	− 7.7	5.5
	1904	131	91	253	2,157	2,501	17,325	10,196	329	899	1,869	4,439	2,570	3.0	19.3
	1899	145	.....	232	2,004	.....	18,404	12,212	257	821	1,651	3,722	2,071	.....	.....

ıbels and tags	1909	96	85	482	2,313	2,880	1,589	3,857	541	1,123	1,910	4,670	2,760	71.6	89.7
	1904	67	65	197	1,348	1,610	919	2,118	258	609	957	2,462	1,505	78.8	122.8
	1899	47	.....	96	754	.....	392	848	120	289	388	1,105	717	.....	.....
ıpidary work	1909	77	90	169	627	886	679	4,808	195	889	6,560	9,173	2,613	23.7	20.0
	1904	54	72	102	507	681	554	2,384	109	657	6,224	7,647	1,423	1.8	32.2
	1899	60	.....	43	498	.....	212	3,087	51	499	4,656	5,786	1,130	.....	.....
rd, refined, not made in slaughter-ng and meat-packing establish-nents.	1909	7	6	110	399	515	723	1,434	108	180	9,631	10,326	695	− 9.5	68.5
	1904	9	10	77	441	528	598	1,163	108	219	5,640	6,129	489	−11.6	−29.0
	1899	19	.....	54	499	.....	714	1,336	80	238	7,497	8,631	1,134	.....	.....
sts	1909	60	47	254	1,728	2,029	3,386	3,061	412	1,203	1,324	4,159	2,835	43.0	65.0
	1904	55	59	186	1,208	1,453	2,865	2,009	223	798	768	2,520	1,752	6.8	34.0
	1899	65	.....	97	1,131	.....	1,951	1,485	108	650	527	1,880	1,353	.....	.....
ad, bar, pipe, and sheet	1909	33	8	234	802	1,044	3,179	20,587	360	510	7,412	9,145	1,733	24.3	− 1.4
	1904	32	11	177	646	834	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1
	1899	34	.....	151	605	.....	2,007	3,949	202	322	6,280	7,478	1,198	.....	.....
ather goods	1909	2,375	2,552	6,066	34,907	43,525	28,148	69,814	6,701	17,921	60,027	104,719	44,692	2.1	27.5
	1904	1,918	2,148	4,171	34,189	40,508	16,257	50,919	4,148	15,707	44,435	82,121	37,686	16.8	35.9
	1899	1,568	.....	3,207	29,274	.....	10,947	33,895	2,829	11,892	33,195	60,414	27,219	.....	.....
ather, tanned, curried, and fin-shed.	1909	919	784	4,114	62,202	67,100	148,140	332,727	6,744	32,103	248,279	327,874	79,595	8.7	29.8
	1904	1,049	1,112	3,251	57,239	61,602	117,450	242,584	4,452	27,049	191,179	252,621	61,442	9.8	23.8
	1899	1,306	.....	2,442	52,109	.....	88,860	173,977	3,159	22,591	155,000	204,038	49,038	.....	.....
me[1]	1909	853	794	968	13,897	15,659	27,671	32,520	1,080	5,980	6,731	17,952	11,221	24.6	21.7
	1904	526	500	731	11,152	12,383	18,198	22,596	703	4,597	5,437	14,751	9,314	−41.6	−48.6
	1899	998	.....	1,406	19,085	.....	93,540	48,787	1,416	7,741	11,040	28,674	17,634	.....	.....
quors, distilled	1909	613	563	1,335	6,430	8,328	46,120	72,450	1,988	3,074	35,977	204,699	168,722	20.1	55.9
	1904	805	794	1,080	5,355	7,229	42,349	50,101	1,393	2,657	25,626	131,270	105,644	44.0	35.6
	1899	965	.....	661	3,720	.....	31,427	32,540	890	1,733	15,145	96,794	81,649	.....	.....
quors, malt	1909	1,414	639	11,507	54,579	66,725	347,726	671,158	22,804	41,206	96,596	374,730	278,134	13.4	25.6
	1904	1,530	876	9,055	48,137	58,068	266,159	515,630	17,316	34,541	74,907	298,346	223,439	22.0	25.9
	1899	1,507	.....	7,146	39,459	.....	197,901	413,767	13,038	25,776	51,598	236,915	185,317	.....	.....
quors, vinous	1909	290	236	579	1,911	2,726	6,771	27,908	863	972	6,626	13,121	6,495	− .1	18.2
	1904	435	396	492	1,913	2,801	6,713	17,775	573	1,002	5,693	11,098	5,405	64.5	69.5
	1899	359	.....	344	1,163	.....	3,416	9,838	365	446	3,689	6,547	2,858	.....	.....
comotives, not made by railroad ompanies.[2]	1909	16	7	2,029	14,909	16,945	35,102	52,060	2,297	8,914	15,060	31,582	16,522	−39.9	−47.0
	1904	15	9	1,164	24,806	25,979	29,806	38,421	1,675	15,798	27,703	59,552	31,849	.....	.....
oking-glass and picture frames	1909	437	431	1,018	6,021	7,470	5,330	9,058	1,119	3,261	5,525	13,475	7,950	− 9.1	1.5
	1904	442	467	984	6,625	8,076	4,653	7,634	955	3,315	4,975	13,270	8,295	9.9	22.3
	1899	362	.....	884	6,029	.....	3,357	5,500	789	2,550	4,729	10,847	6,118	.....	.....

[1] Includes "Cement" and "Wall plaster" in 1899.

[2] Included in "Foundry and machine-shop products" in 1899.

BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

ngaged in industry.			Primary horse-power.	Capital.	Sal-aries.	Wages.	Cost of materials.	Value of products.	Value added by manu-facture (value of products less cost of mate-rials).	Per cent of increase.	
ied ı- ees.	Wage earners (average number).	Total.								Wage earn-ers (aver-age num-ber).	Value of prod-ucts.
				Expressed in thousands.							
				Dollars.	*Dolls.*	*Dollars*	*Dollars.*	*Dollars.*	*Dollars.*		
45	695,019	784,989	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011	30.5	30.7
38	532,566	593,342	1,886,624	733,708	31,737	245,834	360,325	884,267	523,942	4.7	16.2
40	508,766	.....	1,658,594	541,595	18,715	188,395	364,964	760,992	396,028	.....	.....
25	1,760	2,237	26,441	60,286	884	1,348	30,464	38,252	7,788	−14.3	26.3
44	2,054	2,594	20,288	47,934	747	1,457	23,621	30,289	6,668	3.2	56.3
90	1,990	.....	13,834	39,288	471	1,183	14,817	19,374	4,557	.....	.....
46	65,603	77,275	187,686	114,842	6,386	42,546	37,397	113,093	75,696	28.4	33.3
56	51,110	57,866	102,887	79,170	4,000	31,899	26,569	84,844	58,275	22.6	33.3
06	41,686	.....	83,119	52,982	2,440	22,843	21,546	63,667	42,121	.....	.....
43	3,631	4,220	6,224	11,953	723	1,390	4,599	11,353	6,754	14.0	101.0
76	3,185	3,368	3,539	5,334	178	1,101	3,285	5,647	2,362	55.6	− 6.0
66	2,047	.....	2,666	3,893	87	613	3,421	6,006	2,585	.....	.....
85	937	1,040	1,433	4,051	95	385	1,067	2,432	1,365	49.9	95.7
58	625	696	1,524	839	67	249	574	1,243	669	−47.8	6.7
42	1,197	.....	1,733	994	31	237	516	1,165	649	.....	.....
18	11,322	14,109	17,689	23,735	2,039	5,771	20,483	35,783	15,300	8.6	28.9
54	10,427	12,438	13,220	14,514	1,253	4,816	15,326	27,755	12,429	36.3	54.6
51	7,649	.....	7,980	7,999	770	3,102	10,227	17,956	7,729	.....	.....
66	39,201	46,301	7,918	35,705	5,381	16,308	45,040	85,894	40,854	42.5	69.2
54	27,500	31,417	4,737	17,850	2,296	10,307	26,259	50,778	24,519	63.0	72.3
92	16,871	.....	1,852	10,765	1,393	5,818	15,654	29,469	13,815	.....	.....
70	13,147	22,060	19,392	42,305	2,846	6,902	16,466	43,508	27,042	20.8	43.8
76	10,879	16,554	12,214	28,098	1,393	5,488	10,002	30,251	20,249	23.8	30.0
23	8,788	.....	8,037	19,727	1,161	4,080	8,565	23,269	14,704	.....	.....
84	2,994	3,509	3,862	4,890	450	1,763	5,905	9,571	3,666	13.0	25.9
02	2,649	3,068	2,795	3,859	332	1,375	4,587	7,605	3,018	3.7	− 5.0
59	2,555	.....	2,333	3,184	277	1,232	4,996	8,004	3,008	.....	.....

Models and patterns, not including paper patterns.	1909	709	840	439	4,171	5,450	5,486	5,576	490	2,929	2,876	8,868	5,992	50.0	95.1
	1904	547	656	242	2,780	3,678	4,358	2,896	238	1,788	922	4,545	3,623	6.6	18.5
	1899	530	.....	118	2,607	.....	3,021	2,250	113	1,565	825	3,834	3,009	.....	.....
Moving pictures	1909	16	5	207	506	718	486	19,428	396	335	2,192	4,206	2,014	.....	.....
Mucilage and paste	1909	127	108	255	538	901	2,335	2,717	353	286	3,283	4,918	1,635	14.5	38.3
	1904	111	100	158	470	728	1,505	2,430	106	237	2,301	3,556	1,255	2.6	39.1
	1899	116	.....	166	458	.....	1,426	1,220	155	193	1,613	2,556	943	.....	.....
Musical instruments and materials, not specified.	1909	187	187	260	1,822	2,269	1,423	3,298	343	992	890	3,228	2,338	−14.8	− 7.3
	1904	181	190	225	2,139	2,554	1,603	3,743	252	1,162	1,130	3,482	2,352	−11.1	2.6
	1899	229	.....	158	2,405	.....	1,417	3,896	142	1,232	1,205	3,395	2,190	.....	.....
Musical instruments, pianos and organs and materials.	1909	507	297	3,565	38,020	41,882	41,623	103,234	5,552	22,762	43,765	89,790	46,025	14.9	35.9
	1904	444	303	2,722	33,081	36,106	30,134	68,482	3,728	18,527	27,987	66,093	38,106	55.2	61.1
	1899	390	.....	1,518	21,309	.....	20,789	43,810	2,015	11,543	17,371	41,024	23,653	.....	.....
Needles, pins, and hooks and eyes	1909	49	27	313	4,638	4,978	4,542	6,705	393	2,064	2,329	6,694	4,365	17.0	40.9
	1904	46	31	200	3,965	4,196	2,440	5,332	253	1,596	1,584	4,751	3,167	49.5	46.7
	1899	52	.....	135	2,653	.....	2,103	4,618	147	1,067	1,228	3,238	2,010	.....	.....
Oakum	1909	6	7	9	113	129	289	342	14	42	232	338	106	−20.4	− 6.4
	1904	6	5	11	142	158	367	488	14	49	241	361	120	−17.0	−18.0
	1899	7	.....	10	171	.....	375	416	17	51	284	440	156	.....	.....
Oil, castor	1909	4	4	12	54	70	385	1,038	27	32	661	905	244	25.6	40.7
	1904	4	.....	14	43	57	500	625	27	28	487	643	156	−12.2	62.8
	1899	3	.....	12	49	.....	260	539	17	29	293	395	102	.....	.....
Oil, cottonseed, and cake	1909	817	110	4,092	17,071	21,273	192,342	91,086	4,295	5,835	119,833	147,868	28,035	9.9	53.4
	1904	715	63	3,229	15,540	18,832	150,246	73,770	3,062	4,838	80,030	96,408	16,378	41.2	64.2
	1899	369	.....	1,569	11,007	.....	73,071	34,451	1,579	3,143	45,166	58,727	13,561	.....	.....
Oil, essential	1909	68	73	45	290	408	1,218	1,365	61	123	1,255	1,737	482	119.7	18.6
	1904	52	68	37	132	237	849	723	40	70	1,111	1,465	354	−21.4	80.2
	1899	47	.....	39	168	.....	1,048	576	25	61	589	813	224	.....	.....
Oil, linseed	1909	29	9	292	1,452	1,753	13,211	18,932	740	893	31,035	36,739	5,704	7.6	33.2
	1904	30	13	156	1,349	1,518	9,473	9,850	423	786	23,153	27,577	4,424	1.6	1.4
	1899	48	.....	285	1,328	.....	8,491	15,461	446	693	24,396	27,184	2,788	.....	.....
Oil, not elsewhere specified	1909	189	118	1,311	1,715	3,144	5,772	18,441	1,923	1,060	21,407	30,865	9,458	31.4	34.6
	1904	186	148	663	1,305	2,116	5,207	11,229	882	752	14,438	22,923	8,485	−10.4	23.2
	1899	201	.....	810	1,456	.....	3,432	9,889	991	738	10,975	18,612	7,637	.....	.....
Oilcloth and linoleum	1909	31	11	345	5,201	5,557	16,125	19,634	649	2,826	15,550	23,339	7,789	33.9	57.8
	1904	27	12	217	3,883	4,112	10,112	13,803	361	1,944	10,050	14,792	4,742	20.2	29.7
	1899	27	.....	153	3,230	.....	7,561	8,879	295	1,628	7,550	11,403	3,853	.....	.....

[1] Includes "Artificial stone" in 1899.

No. 133.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, and 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Oleomargarine	1909	12	1	166	606	773	2,408	3,558	276	413	6,497	8,148	1,651	16.1	46.2
	1904	14	2	206	522	730	1,560	1,551	253	316	4,398	5,574	1,176	−51.8	−55.4
	1899	24	.....	394	1,084	.....	1,356	3,024	412	534	7,640	12,500	4,860	.....	.....
Optical goods	1909	217	163	1,248	6,398	7,809	5,725	10,147	1,157	3,394	4,187	11,735	7,548	47.8	91.8
	1904	122	96	316	4,330	4,742	3,410	5,381	427	1,923	2,320	6,117	3,797	16.6	17.4
	1899	91	.....	375	3,715	.....	2,544	4,212	287	1,599	2,101	5,211	3,110	.....	.....
Paint and varnish	1909	791	456	7,200	14,240	21,896	56,162	103,995	10,378	8,271	79,016	124,889	45,873	22.4	37.5
	1904	639	439	4,408	11,633	16,480	41,288	75,486	5,677	6,264	59,827	90,840	31,013	20.0	30.6
	1899	600	.....	3,710	9,697	.....	30,443	60,053	5,017	4,926	44,739	69,562	24,823	.....	.....
Paper and wood pulp	1909	777	250	5,245	75,978	81,473	1,304,265	409,348	9,510	40,805	165,442	267,657	102,215	15.2	41.8
	1904	761	309	3,778	65,964	70,051	1,093,708	277,444	6,097	32,019	111,252	188,715	77,463	32.9	48.2
	1899	763	.....	2,935	49,646	.....	762,118	167,508	4,501	20,746	70,530	127,326	56,796	.....	.....
Paper goods, not elsewhere specified.	1909	403	228	2,946	19,211	22,385	27,067	48,662	3,701	8,169	31,249	55,171	23,922	30.5	62.5
	1904	308	236	1,734	14,726	16,696	16,226	27,345	1,993	5,577	19,645	33,946	14,301	51.4	39.4
	1899	246	.....	1,092	9,727	.....	10,421	18,152	1,342	3,658	14,191	24,355	10,164	.....	.....
Paper patterns	1909	27	22	812	921	1,755	751	4,578	675	407	646	2,611	1,965	−14.9	15.3
	1904	26	15	693	1,082	1,790	38	2,237	490	445	337	2,265	1,928	29.6	303.0
	1899	15	.....	92	835	.....	9	256	72	262	125	562	437	.....	.....
Patent medicines and compounds and druggists' preparations.	1909	3,642	2,802	15,404	22,895	41,101	25,659	99,942	17,007	9,897	50,376	141,942	91,566	11.8	20.9
	1904	2,777	2,293	9,483	20,472	32,248	17,008	75,607	9,975	7,913	39,494	117,436	77,942	7.6	32.3
	1899	2,154	.....	8,094	19,028	.....	12,707	56,173	8,265	6,910	31,950	88,791	56,841	.....	.....
Paving materials	1909	49	31	281	1,419	1,731	5,757	11,410	373	750	3,478	6,229	2,751	−26.1	23.8
	1904	54	30	157	1,919	2,106	5,156	5,218	197	953	2,666	5,033	2,367	−21.2	27.9
	1899	99	.....	173	2,436	.....	34,397	13,464	184	1,144	1,582	3,936	2,354	.....	.....
Peanuts, grading, roasting, cleaning, and shelling.[1]	1909	46	35	193	1,949	2,177	2,827	3,646	209	351	8,612	9,737	1,125	43.7	34.1
	1904	30	18	116	1,356	1,490	1,602	1,169	122	205	6,324	7,261	937	.....	.....

Pencils, lead	1909	11	4	375	4,134	4,513	3,448	7,867	697	1,712	3,596	7,379	3,783	34.9	66.7
	1904	8	3	283	3,065	3,351	2,625	4,981	366	1,059	1,804	4,426	2,622	41.8	99.2
	1899	7	.....	81	2,162	.....	1,360	2,227	112	683	1,031	2,222	1,191	.....	.....
Pens, fountain, stylographic and gold.	1909	65	51	544	1,225	1,820	569	3,121	554	712	2,246	4,739	2,493	31.3	70.8
	1904	49	39	224	933	1,196	349	1,545	198	533	1,166	2,774	1,608	34.1	62.6
	1899	45	.....	146	696	.....	527	1,087	148	371	664	1,706	1,042	.....	.....
Pens, steel	1909	5	.....	56	699	755	244	804	86	230	95	577	482	5.4	21.7
	1904	5	1	72	663	736	294	576	60	205	103	474	371	40.2	61.2
	1899	3	.....	13	473	.....	138	357	21	138	52	294	242	.....	.....
Petroleum, refining	1909	147	42	2,669	13,929	16,640	90,268	181,916	3,929	9,830	199,273	236,998	37,725	−16.9	35.4
	1904	98	24	1,974	16,770	18,768	46,019	136,281	2,724	9,989	139,387	175,005	35,618	37.4	41.2
	1899	67	.....	1,201	12,199	.....	36,127	95,328	1,811	6,717	102,859	123,929	21,070	.....	.....
Phonographs and graphophones	1909	18	2	727	5,199	5,928	6,371	14,363	945	2,841	3,099	11,726	8,627	53.0	14.5
	1904	14	6	537	3,397	3,940	2,522	8,741	666	1,684	4,161	10,237	6,076	168.1	355.8
	1899	11	.....	144	1,267	.....	1,082	3,348	179	608	828	2,246	1,418	.....	.....
Photographic apparatus and materials.	1909	103	59	1,342	5,195	6,596	8,637	18,918	1,462	3,037	6,708	22,561	15,853	36.3	73.2
	1904	130	74	1,155	3,812	5,041	5,061	7,720	1,109	1,796	4,162	13,023	8,861	10.7	67.0
	1899	153	.....	469	3,444	.....	3,412	5,518	453	1,443	3,378	7,799	4,421	.....	.....
Photo-engraving	1909	313	233	1,701	5,343	7,277	2,638	5,474	1,849	4,750	2,134	11,624	9,490	37.8	59.9
	1904	223	227	968	3,876	5,071	1,925	4,071	934	2,916	1,303	7,268	5,965	44.0	73.5
	1899	203	.....	484	2,691	.....	1,040	1,994	450	1,750	725	4,190	3,465	.....	.....
Pipes, tobacco	1909	62	70	245	2,775	3,090	1,506	3,528	283	1,255	2,459	5,312	2,853	42.5	87.4
	1904	68	82	82	1,947	2,111	1,058	1,256	81	831	1,354	2,834	1,480	22.8	14.6
	1899	98	.....	120	1,585	.....	855	1,111	109	738	1,106	2,472	1,366	.....	.....
Pottery, terra-cotta, and fire-clay products.	1909	822	452	4,402	56,168	61,022	110,017	141,350	5,813	29,753	21,911	76,119	54,208	7.1	18.6
	1904	873	550	3,752	52,428	56,730	104,918	110,926	4,628	25,178	16,591	64,201	47,610	19.9	45.0
	1899	1,000	.....	2,777	43,714	.....	75,802	65,952	3,012	17,692	11,915	44,263	32,348	.....	.....
Printing and publishing	1909	31,445	30,424	99,608	258,434	388,466	297,763	588,346	103,458	164,628	201,775	737,876	536,101	18.0	33.6
	1904	27,793	28,368	68,592	219,087	316,047	166,380	432,854	67,748	127,196	142,514	552,473	409,959	12.2	39.8
	1899	23,814	.....	40,685	195,260	.....	119,775	333,003	39,475	99,816	103,654	395,187	291,533	.....	.....
Pulp goods	1909	14	1	98	783	882	3,125	2,680	124	377	971	1,770	799	12.5	20.7
	1904	17	7	56	696	759	2,368	3,198	83	284	719	1,467	748	.7	15.8
	1899	22	.....	75	691	.....	1,314	2,317	92	284	647	1,267	620	.....	.....
Pumps, not including steam pumps	1909	102	87	400	2,136	2,623	4,214	6,018	420	1,258	2,487	5,583	3,096	52.1	95.7
	1904	115	113	204	1,404	1,721	2,569	3,230	215	719	1,193	2,853	1,660	122.2	112.6
	1899	130	.....	95	632	.....	1,245	1,261	84	247	638	1,342	704	.....	.....
Rice, cleaning and polishing	1909	71	38	500	1,239	1,777	19,519	13,347	613	564	19,501	22,371	2,870	−17.0	37.3
	1904	74	33	436	1,492	1,961	15,866	8,821	549	641	13,315	16,297	2,982	129.2	86.8
	1899	80	.....	169	651	.....	7,546	2,601	182	266	7,576	8,724	1,148	.....	.....

[1] Included in "Coffee and spice, roasting and grinding," in 1899.

ued.

	Per cent of increase.	
	Wage earners (average number).	Value of products.
	−72.0	− 3.4
	16.1	45.1
	.....	.....
	25.2	103.9
	3.8	19.7
	.....	.....
	−26.8	−42.2
	−30.0	19.7
	.....	.....
	− 4.2	8.0
	71.6	100.1
	.....	.....
	5.8	20.0
	− 2.3	18.5
	.....	.....
	100.3	195.1
	11.3	25.6
	.....	.....
	3.9	17.5
	44.6	52.4
	.....	.....
	13.6	46.4
	12.9	14.6
	.....	.....
	−15.2	11.1
	26.2	31.7
	.....	.....

0	375	1,454	2,309	6,199	3,890	132.8	190.5
9	193	556	732	2,134	1,402	−24.5	−17.9
5	169	721	923	2,600	1,677	.....	.....
4	1,423	11,102	11,455	28,262	16,807	12.7	8.1
3	1,152	9,493	10,701	26,142	15,441	28.1	23.7
4	933	7,331	9,458	21,125	11,667	.....	.....
8	4,035	25,268	31,214	73,360	42,146	−20.2	−11.4
4	3,340	29,241	37,463	82,769	45,306	8.6	11.1
1	2,007	24,825	33,475	74,532	41,057	.....	.....
7	290	907	5,001	7,446	2,445	− 2.3	−11.4
4	245	835	6,056	8,406	2,350	8.5	24.9
3	167	749	4,875	6,731	1,856	.....	.....
9	505	2,017	3,140	7,167	4,027	10.0	25.3
3	330	1,681	2,374	5,722	3,348	126.1	131.8
3	88	708	1,058	2,468	1,410	.....	.....
7	1,476	3,105	4,709	13,546	8,837	.....	.....
8	7,527	38,570	107,767	196,912	89,145	24.4	47.7
7	4,742	26,768	75,861	133,288	57,427	21.7	24.3
2	3,134	20,982	62,407	107,256	44,849	.....	.....
9	2,745	10,282	18,332	42,229	23,897	11.8	28.6
2	1,730	8,625	14,459	32,840	18,381	21.8	25.8
8	1,457	6,531	11,659	26,114	14,455	.....	.....
9	20,054	51,645	1,202,828	1,370,568	167,740	19.0	48.6
9	13,453	41,067	811,426	922,038	110,612	8.9	17.0
9	10,211	33,846	685,310	788,368	103,058	.....	.....
3	2,419	13,396	333,532	378,806	45,274	22.6	57.3
5	1,527	10,827	196,737	240,780	44,043	12.6	45.8
3	955	8,529	122,174	165,132	42,958	.....	.....
0	1,476	5,431	151,963	167,406	15,443	− 2.0	− 9.9
3	888	5,375	168,958	185,827	16,869	− 9.0	5.9
9	755	5,089	144,195	175,466	31,271	.....	.....
0	993	4,210	25,230	34,206	8,976	1.9	38.0
2	581	3,856	17,028	24,791	7,763	34.1	36.3
2	440	2,356	13,286	18,188	4,902	.....	.....
4	570	1,281	23,162	28,072	4,910	25.4	61.3
7	354	995	13,760	17,403	3,643	74.2	123.5
1	229	532	5,900	7,785	1,885	.....	.....

nd 1899.

No. 133.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Soap [1]	1909	420	329	5,065	12,999	18,393	28,360	71,951	5,506	6,227	72,179	111,358	39,179	17.7	63.1
	1904	436	399	3,058	11,044	14,501	20,228	54,816	3,503	4,763	43,626	68,275	24,649	16.4	28.3
	1899	558	.....	2,738	9,487	.....	17,514	38,068	2,777	3,755	33,143	53,231	20,088	.....	.....
Soda-water apparatus	1909	63	40	562	1,797	2,399	2,894	8,589	624	1,239	2,443	6,556	4,113	22.3	41.5
	1904	37	27	333	1,469	1,829	1,533	3,415	296	835	1,924	4,634	2,710	52.5	53.7
	1899	30	.....	227	963	.....	1,183	4,202	244	550	997	3,015	2,018	.....	.....
Sporting and athletic goods	1909	180	155	517	5,321	5,993	3,243	6,617	617	2,165	5,565	11,052	5,487	24.9	57.2
	1904	152	136	361	4,260	4,757	2,995	4,249	319	1,641	2,963	7,032	4,069	91.5	93.8
	1899	143	.....	168	2,225	.....	1,133	2,015	167	810	1,802	3,628	1,826	.....	.....
Springs, steel, car and carriage	1909	54	24	353	3,196	3,573	7,349	8,784	590	1,853	4,727	9,005	4,278	29.1	56.9
	1904	52	28	270	2,476	2,774	5,510	4,016	353	1,243	2,742	5,741	2,999	17.8	.9
	1899	48	.....	166	2,102	.....	3,185	4,684	275	1,061	3,025	5,690	2,665	.....	.....
Stationery goods, not elsewhere specified.	1909	153	103	1,629	6,206	7,938	6,842	13,508	1,897	2,736	7,744	16,647	8,903	44.5	87.7
	1904	143	115	685	4,295	5,095	3,396	6,929	751	1,500	3,920	8,867	4,947	41.7	75.0
	1899	113	.....	453	3,032	.....	1,706	4,495	412	958	2,128	5,066	2,938	.....	.....
Statuary and art goods [2]	1909	194	275	198	1,699	2,172	462	2,221	225	1,339	680	3,442	2,762	12.7	42.4
	1904	135	191	114	1,507	1,812	466	1,669	127	1,030	392	2,417	2,025	.....	.....
Steam packing	1909	153	82	1,238	3,648	4,968	11,129	14,126	1,356	1,811	6,650	12,160	5,510	33.4	35.8
	1904	106	56	450	2,734	3,240	8,846	12,253	594	1,273	3,896	8,952	5,056	138.4	156.2
	1899	97	.....	290	1,147	.....	4,488	2,691	326	525	1,546	3,494	1,948	.....	.....
Stereotyping and electrotyping	1909	174	133	678	2,850	3,661	4,076	3,826	800	2,312	1,765	6,384	4,619	6.4	27.6
	1904	146	132	490	2,679	3,301	2,878	3,298	517	1,993	1,032	5,005	3,973	11.3	32.7
	1899	140	.....	330	2,408	.....	1,470	2,389	312	1,459	767	3,772	3,005	.....	.....
Stoves and furnaces, including gas and oil stoves. [3]	1909	576	244	5,547	37,130	42,921	45,524	86,944	6,975	22,944	29,338	78,853	49,515	11.2	26.9
	1904	494	306	3,582	33,404	37,292	32,017	62,953	4,499	19,770	22,271	62,133	39,862	.....	.....

Sugar and molasses, not including beet sugar.[4]	1909	233	204	1,928	13,526	15,658	160,603	155,107	2,392	7,484	247,583	279,249	31,666	— .2	.7
	1904	344	364	1,896	13,549	15,799	140,650	165,468	2,154	7,576	244,753	277,285	32,532	— 4.1	15.7
	1899	657	.....	1,867	14,129	.....	152,569	184,033	1,682	6,918	221,385	239,711	18,326	.....	.....
Sulphuric, nitric, and mixed acids [5]	1909	42	.....	330	2,252	2,582	6,494	18,726	551	1,495	5,386	9,884	4,498	— 8.0	9.2
	1904	32	2	308	2,447	2,757	5,416	12,762	556	1,505	4,973	9,053	4,080	.....	.....
Surgical appliances and artificial limbs.	1909	324	316	1,248	4,241	5,805	5,752	11,045	1,488	2,129	5,372	12,399	7,027	34.5	70.6
	1904	284	289	607	3,153	4,049	3,214	5,825	594	1,376	2,866	7,269	4,403	76.3	55.3
	1899	306	.....	440	1,788	.....	1,254	2,778	414	767	1,418	4,682	3,264	.....	.....
Tin plate and terneplate	1909	31	4	490	5,352	5,846	8,154	10,995	620	3,315	41,889	47,970	6,081	10.4	36.0
	1904	36	1	284	4,847	5,132	8,990	10,813	310	2,383	31,376	35,283	3,907	32.0	10.6
	1899	57	.....	333	3,671	.....	3,515	6,650	291	1,890	26,728	31,892	5,164	.....	.....
Tin foil	1909	10	8	71	683	762	1,699	2,505	92	304	2,277	3,419	1,142	—10.8	22.3
	1904	14	11	70	766	847	1,388	1,918	86	303	1,888	2,795	907	31.6	75.5
	1899	15	.....	45	582	.....	854	2,094	59	228	1,074	1,593	519	.....	.....
Tobacco manufactures	1909	15,822	17,634	13,193	166,810	197,637	28,514	245,660	16,779	69,355	177,186	416,695	239,509	4.6	25.8
	1904	16,827	19,011	9,235	159,406	187,652	24,604	323,982	8,800	62,639	126,086	331,111	205,025	20.3	25.6
	1899	14,959	.....	7,836	132,526	.....	22,296	111,517	8,593	47,975	92,867	263,713	170,846	.....	.....
Toys and games	1909	226	185	582	5,305	6,072	5,323	6,541	661	2,227	3,554	8,264	4,710	22.5	48.2
	1904	161	133	329	4,330	4,792	4,757	4,831	366	1,615	2,289	5,578	3,289	30.6	39.1
	1899	169	.....	204	3,316	.....	3,155	3,279	184	1,119	1,665	4,010	2,345	.....	.....
Turpentine and rosin	1909	1,585	2,567	2,446	39,511	44,524	4,129	12,401	1,655	9,363	4,911	25,295	20,384	18.4	5.7
	1904	1,287	1,997	2,147	33,382	37,526	1,175	6,961	1,152	8,383	3,775	23,937	20,162	—20.3	17.7
	1899	1,503	.....	1,889	41,864	.....	866	11,848	779	8,394	6,186	20,345	14,159	.....	.....
Type-founding and printing materials	1909	122	78	493	2,026	2,597	1,948	6,793	560	1,191	1,772	4,703	2,931	12.4	19.5
	1904	98	84	368	1,803	2,255	1,497	5,926	387	1,123	1,119	3,935	2,816	— 9.1	.1
	1899	92	.....	247	1,984	.....	1,331	3,175	274	1,036	1,270	3,931	2,661	.....	.....
Typewriters and supplies	1909	89	34	2,489	9,578	12,101	6,845	26,309	2,707	6,221	4,077	19,719	15,642	53.7	85.3
	1904	66	29	1,248	6,232	7,509	4,455	16,642	1,246	3,469	1,870	10,640	8,770	43.3	53.5
	1899	47	.....	532	4,340	.....	2,272	8,400	480	2,404	1,402	6,932	5,530	.....	.....
Umbrellas and canes	1909	256	299	734	5,472	6,505	2,413	9,556	915	2,253	10,056	15,864	5,808	1.6	19.3
	1904	204	242	527	5,386	6,155	2,122	8,951	474	1,826	8,250	13,296	5,046	— 4.5	— 2.7
	1899	202	.....	587	5,640	.....	1,457	4,605	504	1,869	8,381	13,669	5,288	.....	.....
Upholstering materials	1909	230	214	496	4,067	4,777	17,456	10,297	587	1,689	8,069	13,054	4,985	—13.7	3.0
	1904	236	244	449	4,712	5,405	15,604	9,293	526	1,867	7,977	12,678	4,701	— 7.6	26.2
	1899	270	.....	358	5,098	.....	11,351	7,594	364	1,715	5,882	10,048	4,166	.....	.....
Vault lights and ventilators	1909	37	27	99	327	453	234	607	109	228	338	957	619	47.3	97.7
	1904	24	28	28	222	278	174	241	31	154	161	484	323	60.9	43.2
	1899	14	.....	11	138	.....	103	121	13	81	141	338	197	.....	.....

[1] Includes "Candles" in 1899.
[2] Included in other classifications in 1899.
[3] Included in "Foundry and machine-shop products" in 1899.
[4] Includes 214 establishments reported as "Sugar and molasses" and 19 as "Sugar and molasses, refining, not including beet sugar," in 1909.
[5] Included in "Chemicals" in 1899.

No. 133.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Vinegar and cider	1909	963	1,050	481	1,542	3,073	16,681	10,879	539	723	4,964	8,448	3,484	0.9	16.3
	1904	568	645	341	1,528	2,514	10,556	7,520	359	725	3,852	7,265	3,413	— 1.9	22.5
	1899	613	.....	451	1,557	.....	16,849	5,630	391	652	3,134	5,932	2,798	.....	.....
Wall paper	1909	45	10	699	4,037	4,746	5,680	14,153	1,054	2,039	7,623	14,449	6,826	3.2	14.3
	1904	44	15	497	3,913	4,425	4,867	12,354	692	1,868	6,658	12,637	5,979	— 6.2	18.5
	1899	51	.....	512	4,172	.....	4,573	8,890	817	2,074	6,073	10,663	4,590	.....	.....
Wall plaster [1]	1909	198	60	773	4,791	5,624	25,892	16,885	1,049	2,391	6,007	12,804	6,797	27.5	26.0
	1904	176	72	629	3,758	4,459	20,054	13,204	620	1,890	4,726	10,164	5,438	.....	.....
Washing machines and clothes wringers.	1909	100	76	383	1,835	2,294	3,351	5,318	466	904	2,837	5,825	2,988	13.1	51.7
	1904	92	68	171	1,622	1,861	3,564	2,952	148	684	2,213	3,839	1,626	7.5	2.8
	1899	118	.....	104	1,509	.....	2,732	2,405	104	549	2,175	3,735	1,560	.....	.....
Waste	1909	53	41	191	1,897	2,129	4,286	6,125	290	716	8,837	11,398	2,561	21.7	36.6
	1904	41	41	116	1,559	1,716	3,863	3,586	164	495	6,825	8,343	1,518	42.9	71.0
	1899	25	.....	58	1,091	.....	2,193	2,437	85	327	4,000	4,880	880	.....	.....
Wheelbarrows	1909	24	17	94	664	775	1,486	1,510	81	321	715	1,625	910	13.7	37.9
	1904	26	12	69	584	665	1,282	1,045	76	296	494	1,178	684	81.9	159.5
	1899	15	.....	31	321	.....	762	514	27	127	180	454	274	.....	.....
Whips	1909	57	90	310	1,546	1,946	1,321	3,900	323	704	1,585	3,949	2,364	— .5	25.5
	1904	58	43	174	1,554	1,771	1,068	3,368	184	603	1,253	3,147	1,894	20.7	15.1
	1899	60	.....	228	1,287	.....	818	1,894	246	478	1,278	2,734	1,456	.....	.....
Windmills	1909	34	18	387	2,337	2,742	3,301	5,636	479	1,403	3,331	6,677	3,346	21.2	39.2
	1904	53	25	387	1,929	2,341	3,694	5,837	392	969	2,308	4,795	2,487	— 5.7	10.1
	1899	68	.....	281	2,045	.....	2,214	4,309	250	940	2,172	4,354	2,182	.....	.....
Window shades and fixtures	1909	219	194	646	3,930	4,770	5,737	10,334	807	1,918	12,653	18,571	5,918	49.8	107.9
	1904	144	132	409	2,624	3,165	2,705	5,977	480	1,086	5,947	8,931	2,984	45.7	10.6
	1899	96	.....	292	1,801	.....	1,927	5,184	323	752	5,575	8,072	2,497	.....	.....

Wire	1909	56	15	1,846	18,084	19,945	71,959	60,157	2,199	10,316	60,543	84,486	23,943	281.8	122.8
	1904	25	7	581	4,737	5,325	25,856	14,899	793	2,859	30,063	37,914	7,851	195.5	302.4
	1899	29	.....	94	1,603	.....	9,979	4,242	136	860	7,014	9,421	2,407	.....	.....
Wirework, including wire rope and cable.	1909	611	484	2,162	12,348	14,994	20,131	34,970	2,674	6,331	24,394	41,938	17,544	− 7.7	26.9
	1904	649	652	1,936	13,379	15,967	18,280	26,894	2,117	6,100	17,856	33,038	15,182	46.3	66.5
	1899	596	.....	995	9,142	.....	12,772	16,345	940	3,894	10,813	19,840	9,027	.....	.....
Wood distillation, not including turpentine and rosin.[2]	1909	120	56	318	2,721	3,095	9,854	13,017	355	1,463	5,876	9,737	3,861	19.8	24.6
	1904	141	82	301	2,272	2,655	4,620	10,507	298	1,067	4,848	7,813	2,965	.....	.....
Wood carpet	1909	10	9	28	184	221	269	423	33	138	228	490	262	−50.7	−38.8
	1904	20	22	50	373	445	473	330	45	269	351	801	450	−38.7	−24.2
	1899	31	.....	49	608	.....	534	412	35	362	418	1,057	639	.....	.....
Wood preserving	1909	53	1	471	2,403	2,875	10,647	12,408	517	1,066	9,328	14,099	4,771	226.1	318.6
	1904	26	7	115	737	859	3,439	2,935	158	315	2,463	3,368	905	54.2	40.6
	1899	21	.....	54	478	.....	1,007	1,230	57	205	1,825	2,396	571	.....	.....
Wood, turned and carved	1909	1,050	1,097	1,007	14,139	16,243	48,447	18,334	1,045	6,213	9,744	22,199	12,455	− 3.7	10.1
	1904	1,097	1,226	924	14,687	16,837	47,595	16,842	829	6,031	8,578	20,169	11,591	27.1	40.9
	1899	1,166	.....	565	11,558	.....	31,133	10,280	488	4,371	5,830	14,318	8,488	.....	.....
Wool pulling	1909	37	37	91	631	759	1,366	3,248	132	387	4,103	5,181	1,078	− 7.3	487.4
	1904	34	40	65	681	786	1,324	2,534	74	365	104	882	778	43.4	66.1
	1899	34	.....	35	475	.....	820	945	35	248	54	531	477	.....	.....
Wool scouring	1909	28	18	102	1,142	1,262	6,782	3,258	143	558	2,122	3,289	1,167	46.6	212.3
	1904	27	18	55	779	852	3,478	1,188	78	398	215	1,053	838	8.2	18.3
	1899	25	.....	45	720	.....	2,900	1,061	72	339	194	890	696	.....	.....
Woolen, worsted, and felt goods, and wool hats.	1909	985	732	5,722	168,722	175,176	362,209	430,579	10,097	72,427	282,878	435,979	153,101	15.0	36.5
	1904	1,074	958	4,593	146,755	152,306	288,969	314,081	6,781	57,073	204,613	319,348	114,735	12.3	28.4
	1899	1,281	.....	3,808	130,697	.....	244,825	265,730	5,574	46,812	153,930	248,798	94,868	.....	.....
All other industries[3]	1909	8	11	25	96	132	136	254	39	67	115	390	275	−78.0	−63.1
	1904	15	8	50	436	494	1,767	3,860	59	263	386	1,058	672	−64.1	−60.1
	1899	17	.....	97	1,215	.....	2,354	4,078	113	687	988	2,650	1,662	.....	.....
Total	1909	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,038	12,142,791	20,672,052	8,529,261	21.0	39.7
	1904	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
	1899	207,514	.....	364,120	4,712,763	.....	10,097,893	8,975,256	380,771	2,008,361	6,575,851	11,406,927	4,831,076	.....	.....

[1] Included under "Lime" in 1899.
[2] Included under "Chemicals" in 1899.
[3] Includes the following industries, with number of establishments indicated: "Millstones," 1; "Ordnance and accessories," 2; "Pulp, from fiber other than wood," 2; "Straw goods, not elsewhere specified," 2; and "Whalebone cutting," 1, in 1909. "Millstones," 2; "Ordnance and accessories," 4; "Pulp, from fiber other than wood," 1; "Straw goods, not elsewhere specified," 6; and "Whalebone cutting," 2, in 1904. "Millstones," 3; "Ordnance and accessories," 4; "Pulp, from fiber other than wood," 3; "Straw goods, not elsewhere specified," 4; and "Whalebone cutting," 3, in 1899.

No. 134.—SUMMARY OF MANUFACTURES: By States and Geographic Divisions, 1899, 1904, and 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce. Primary horsepower includes primary power generated in manufacturing establishments, plus electric and other power rented from outside sources; it does not include the power of electric motors run by current generated in the same establishment. A minus sign (—) indicates decrease.]

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
Alabama	1909	3,398	3,769	6,055	72,148	81,972	357,837	173,180	6,565	27,284	83,442	145,962	62,520	16.0	33.7
	1904	1,882	1,948	3,763	62,173	67,884	293,185	105,383	3,867	21,878	60,458	109,170	48,712	18.0	51.4
	1899	2,000	.....	2,259	52,711	.....	173,208	60,166	2,059	14,912	37,998	72,110	34,112	.....	.....
Arizona	1909	311	261	500	6,441	7,202	39,140	32,873	798	5,505	33,600	50,257	16,657	34.4	79.0
	1904	169	133	291	4,793	5,217	21,412	14,396	472	3,969	14,595	28,083	13,488	53.3	37.4
	1899	154	.....	205	3,126	.....	8,537	9,517	269	2,287	7,877	20,439	12,562	.....	.....
Arkansas	1909	2,925	3,455	3,293	44,982	51,730	173,088	70,174	3,461	19,113	34,935	74,916	39,981	35.9	39.1
	1904	1,907	2,140	2,328	33,089	37,557	109,509	46,306	2,310	14,544	21,799	53,865	32,066	5.0	35.0
	1899	1,746	.....	1,549	31,525	.....	79,560	25,385	1,262	10,184	18,288	39,888	21,600	.....	.....
California	1909	7,659	8,077	18,203	115,296	141,576	329,100	537,134	22,955	84,142	325,238	529,761	204,523	14.9	44.3
	1904	6,839	7,402	12,283	100,355	120,040	210,359	282,647	14,399	64,657	215,726	367,218	151,492	30.0	42.7
	1899	4,997	.....	6,877	77,224	.....	126,953	175,468	7,495	39,890	164,894	257,386	92,492	.....	.....
Colorado	1909	2,034	1,722	4,326	28,067	34,115	154,615	162,668	5,648	19,912	80,491	130,044	49,553	28.7	29.9
	1904	1,606	1,398	2,677	21,813	25,888	124,907	107,664	3,549	15,100	63,114	100,144	37,030	11.9	12.4
	1899	1,323	.....	1,870	19,498	.....	43,434	58,173	2,059	11,708	60,751	89,068	28,317	.....	.....
Connecticut	1909	4,251	3,468	19,611	210,792	233,871	400,275	517,546	25,637	110,119	257,259	490,272	233,013	16.1	32.8
	1904	3,477	2,918	13,523	181,605	198,046	304,204	373,283	17,040	87,942	191,302	369,082	177,780	13.7	17.1
	1899	3,382	.....	9,258	159,733	.....	256,331	299,207	11,755	73,394	169,672	315,106	145,434	.....	.....
Delaware	1909	726	722	2,024	21,238	23,984	52,779	60,906	2,322	10,296	30,938	52,840	21,902	15.0	28.4
	1904	631	641	1,451	18,475	20,567	49,490	50,926	1,629	8,158	24,884	41,160	16,276	—10.2	—.4
	1899	633	.....	1,189	20,562	.....	40,134	38,791	1,337	8,457	24,725	41,321	16,596	.....	.....
District of Columbia	1909	518	475	1,576	7,707	9,758	16,563	30,553	1,846	4,989	10,247	25,289	15,042	22.4	37.7
	1904	482	473	1,006	6,299	7,778	12,592	20,200	1,207	3,659	7,732	18,359	10,627	2.3	11.8
	1899	491	.....	957	6,155	.....	10,255	17,961	872	3,023	7,475	16,426	8,951	.....	.....
Florida	1909	2,159	2,712	4,625	57,473	64,810	89,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9
	1904	1,413	1,769	3,125	42,091	46,985	43,413	32,972	2,670	15,767	16,532	50,298	33,766	18.7	47.1
	1899	1,275	.....	1,781	35,471	.....	36,356	25,682	1,299	10,916	12,847	34,184	21,337	.....	.....

9,062	34,805	116,970	202,863	85,893	12.8	34.3
5,927	27,393	83,625	151,040	67,415	11.3	59.8
3,204	19,958	49,356	94,532	45,176	.....	.....
984	5,498	9,920	22,400	12,480	168.5	155.4
379	2,059	4,069	8,769	4,700	97.2	192.2
66	818	1,439	3,001	1,562	.....	.....
21,449	273,319	1,160,927	1,919,277	758,350	22.8	36.1
60,560	208,405	840,057	1,410,342	570,285	14.0	25.8
40,549	159,104	681,450	1,120,868	439,418	.....	.....
26,305	95,510	334,375	579,075	244,700	21.3	47.0
15,029	72,058	220,507	393,954	173,447	10.9	16.9
9,971	59,280	195,163	337,072	141,909	.....	.....
10,972	32,542	170,707	259,238	88,531	24.6	61.4
5,948	22,997	102,844	160,572	57,728	11.4	20.8
4,233	18,021	85,779	132,871	47,092	.....	.....
7,351	25,904	258,884	325,104	66,220	24.3	64.0
3,693	18,883	156,510	198,245	41,735	31.2	28.7
3,123	12,802	120,738	154,009	33,271	.....	.....
9,603	27,888	111,779	223,754	111,975	9.4	40.1
5,871	24,439	86,545	159,754	73,209	15.6	26.3
4,185	18,454	67,406	126,509	59,103	.....	.....
9,008	33,386	134,865	223,949	89,084	36.4	20.2
6,044	25,316	117,035	186,380	69,345	36.6	67.3
2,934	14,725	75,404	111,398	35,994	.....	.....
5,797	37,632	97,101	176,029	78,928	6.7	22.2
3,989	32,692	80,042	144,020	63,978	7.2	27.5
3,051	25,731	61,210	112,959	51,749	.....	.....
13,617	45,436	199,049	315,669	116,620	14.6	29.7
8,844	36,144	150,024	243,376	93,352	(1)	15.3
6,845	32,414	129,355	211,076	81,721	.....	.....
53,279	301,174	830,765	1,490,529	659,764	19.7	32.6
39,654	232,389	626,411	1,124,092	497,681	11.4	23.8
29,480	195,278	498,655	907,627	408,972	.....	.....
84,870	118,968	368,612	685,109	316,497	32.1	59.7
47,470	81,279	230,081	429,120	199,039	12.5	34.2
32,336	62,532	175,966	319,692	143,726	.....	.....
5,451	47,471	281,622	409,420	127,798	21.7	33.0
9,033	35,843	210,554	307,858	97,304	7.9	37.6
6,064	29,029	150,299	223,693	73,394	.....	.....
3,654	18,768	36,926	80,555	43,629	30.2	40.2
2,598	14,819	25,801	57,451	31,650	44.4	70.4
1,093	7,910	16,543	33,718	17,175	.....	.....

No. 134.—SUMMARY OF MANUFACTURES, BY STATES AND GEOGRAPHIC DIVISIONS, 1899, 1904, AND 1909—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
Missouri	1909	8,375	8,226	24,486	152,993	185,705	340,467	444,343	28,994	80,843	354,411	574,111	219,700	14.9	30.6
	1904	6,464	6,299	17,119	133,167	156,585	247,861	379,369	19,002	66,644	252,258	439,549	187,291	23.6	39.0
	1899	6,853	.....	12,474	107,704	.....	189,117	223,781	13,295	46,714	184,189	316,304	132,115	.....	.....
Montana	1909	677	659	1,380	11,655	13,694	90,402	44,588	2,054	10,901	49,180	73,272	24,092	30.1	10.3
	1904	382	334	905	8,957	10,196	46,736	52,590	1,506	8,652	40,930	66,415	25,485	−9.1	25.9
	1899	395	.....	508	9,854	.....	43,679	38,225	786	7,377	30,068	52,745	22,677	.....	.....
Nebraska	1909	2,500	2,522	5,108	24,336	31,966	64,466	99,901	5,491	13,948	151,081	199,019	47,938	20.1	28.5
	1904	1,819	1,904	3,192	20,260	25,356	46,372	80,235	3,075	11,022	124,052	154,918	30,866	8.5	18.9
	1899	1,695	.....	2,296	18,669	.....	41,825	65,906	2,107	8,842	95,925	130,302	34,377	.....	.....
Nevada	1909	177	137	256	2,257	2,650	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9
	1904	115	108	106	802	1,016	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5
	1899	99	.....	37	504	.....	1,561	1,251	34	353	662	1,261	599	.....	.....
New Hampshire	1909	1,961	2,014	3,519	78,658	84,191	293,991	139,990	4,191	36,200	98,157	164,581	66,424	20.3	33.1
	1904	1,618	1,726	2,666	65,366	69,758	218,344	109,495	2,972	27,693	73,216	123,611	50,395	−3.4	14.9
	1899	1,771	.....	2,068	67,646	.....	200,975	92,146	2,200	25,850	60,163	107,591	47,428	.....	.....
New Jersey	1909	8,817	8,204	36,838	326,223	371,265	612,293	977,172	48,337	169,710	720,034	1,145,529	425,495	22.5	47.9
	1904	7,010	6,730	23,196	266,336	296,262	436,274	715,060	28,957	128,169	470,449	774,369	303,920	24.5	40.0
	1899	6,415	.....	15,361	213,975	.....	322,503	477,301	19,058	95,165	334,726	553,006	218,280	.....	.....
New Mexico	1909	313	288	335	4,143	4,766	15,465	7,743	383	2,591	3,261	7,898	4,637	19.1	38.4
	1904	199	189	224	3,478	3,891	5,948	4,638	264	2,153	2,236	5,706	3,470	39.7	40.5
	1899	174	.....	88	2,490	.....	3,658	2,161	91	1,199	1,999	4,061	2,062	.....	.....
New York	1909	44,935	47,569	151,691	1,003,981	1,203,241	1,997,662	2,779,497	186,032	557,231	1,856,904	3,369,490	1,512,586	17.2	35.4
	1904	37,194	41,766	98,012	856,947	996,725	1,516,592	2,031,400	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9
	1899	35,957	.....	68,030	726,909	.....	1,099,931	1,523,503	76,740	337,324	1,018,377	1,871,831	853,454	.....	.....
North Carolina	1909	4,931	5,451	6,529	121,473	133,453	378,556	217,185	6,903	34,355	121,861	216,656	94,795	42.3	52.0
	1904	3,272	3,731	4,072	85,339	93,142	216,622	141,001	3,795	21,375	79,268	142,521	63,253	18.0	67.1
	1899	3,465	.....	2,894	72,322	.....	154,467	68,283	2,395	14,052	44,854	85,274	40,420	.....	.....

North Dakota	1909	752	723		636	2,789	4,148	13,196	11,585	629	1,787	13,674	19,137	5,463	58.9	87.3
	1904	507	494		296	1,755	2,545	9,873	5,704	258	1,032	7,096	10,218	3,122	29.2	63.2
	1899	337	.....		152	1,358	.....	7,351	3,512	130	671	4,151	6,260	2,109	.....	.....
Ohio	1909	15,138	14,719	61,	351	446,934	523,004	1,583,155	1,300,733	72,147	245,450	824,202	1,437,936	613,734	22.7	49.7
	1904	13,785	13,657	39,	991	364,298	417,946	1,116,932	856,989	43,435	182,429	527,637	960,812	433,175	18.2	28.3
	1899	13,868	.....	28,	109	308,109	.....	783,665	570,909	28,151	136,428	409,303	748,671	339,368	.....	.....
Oklahoma	1909	2,310	2,698	2,	193	13,143	18,034	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5
	[1] 1904	1,123	1,187		813	5,456	7,456	29,608	16,124	718	2,799	16,394	24,459	8,065	129.1	200.7
	[1] 1899	495	.....		269	2,381	.....	11,572	4,054	219	894	5,430	8,134	2,704	.....	.....
Oregon	1909	2,246	2,499	3,	473	28,750	34,722	175,019	89,082	4,047	19,902	50,552	93,005	42,453	55.2	67.5
	1904	1,602	1,726	1,	769	18,523	22,018	81,348	44,023	2,133	11,443	30,597	55,525	24,928	28.1	51.7
	1899	1,406	.....	1,	143	14,459	.....	60,005	28,359	1,222	6,822	20,789	36,593	15,804	.....	.....
Pennsylvania	1909	27,563	29,743	94,	885	877,543	1,002,171	2,921,547	2,749,006	110,897	455,627	1,582,560	2,626,742	1,044,182	15.0	34.3
	1904	23,495	26,029	66,	081	763,282	855,392	2,302,398	1,995,837	73,269	367,961	1,142,943	1,955,551	812,608	15.0	18.5
	1899	23,462	.....	43,	935	663,960	.....	1,716,694	1,449,815	46,145	296,876	958,301	1,649,882	691,581	.....	.....
Rhode Island	1909	1,951	1,721	7,	382	113,538	122,641	226,740	290,901	10,577	55,234	158,192	280,344	122,152	16.7	38.7
	1904	1,617	1,561	5,	420	97,318	104,299	181,017	215,901	7,041	43,113	112,872	202,110	89,238	10.3	22.1
	1899	1,678	.....	4,	022	88,197	.....	153,619	176,901	5,300	35,995	87,952	165,550	77,598	.....	.....
South Carolina	1909	1,854	1,737	3,	257	73,046	78,040	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7
	1904	1,399	1,241	2,	389	59,441	63,071	197,479	113,422	2,355	13,869	49,969	79,376	29,407	26.4	48.8
	1899	1,369	.....	1,	419	47,025	.....	112,697	62,750	1,307	9,130	30,486	53,336	22,850	.....	.....
South Dakota	1909	1,020	942		682	3,602	5,226	17,666	13,018	616	2,297	11,476	17,870	6,394	44.5	36.6
	1904	686	649		441	2,492	3,582	11,154	7,585	294	1,422	8,697	13,086	4,389	12.0	37.3
	1899	624	.....		288	2,224	.....	11,775	6,051	175	1,130	6,484	9,530	3,046	.....	.....
Tennessee	1909	4,609	5,415	8,	417	73,840	87,672	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6
	1904	3,175	3,805	4,	910	60,572	69,287	175,780	102,440	5,081	22,806	79,352	137,961	58,609	31.8	48.7
	1899	3,116	.....	3,	329	45,963	.....	130,318	63,140	3,048	14,727	54,559	92,749	38,190	.....	.....
Texas	1909	4,588	4,496	9,	849	70,230	84,575	282,471	216,876	10,868	37,907	178,178	272,896	94,718	43.1	81.3
	1904	3,158	3,073	5,	753	49,066	57,892	164,637	115,665	6,118	24,469	91,604	150,528	58,924	27.1	62.0
	1899	3,107	.....	2,	861	38,604	.....	116,157	63,655	2,919	16,912	54,388	92,894	38,506	.....	.....
Utah	1909	749	688	1,	660	11,785	14,133	42,947	52,627	1,956	8,400	41,266	61,989	20,723	46.4	59.2
	1904	606	619		979	8,052	9,650	19,397	26,004	1,039	5,158	24,940	38,927	13,987	48.8	116.5
	1899	575	.....		599	5,413	.....	12,674	13,219	501	2,763	11,440	17,982	6,542	.....	.....
Vermont	1909	1,958	2,113	2,	679	33,788	38,580	159,445	73,470	2,303	17,272	34,823	68,310	33,487	2.1	8.3
	1904	1,699	1,856	2,	053	33,106	37,015	140,616	62,659	2,103	15,221	32,430	63,084	30,654	17.5	22.5
	1899	1,938	.....	1,	695	28,179	.....	126,124	43,500	1,610	11,426	26,385	51,515	25,130	.....	.....
Virginia	1909	5,685	6,570	8,	551	105,676	120,797	283,928	216,392	9,101	38,154	125,583	219,794	94,211	31.6	47.7
	1904	3,187	3,643	4,	970	80,285	88,898	176,998	147,989	4,875	27,943	83,649	148,857	65,208	21.2	37.0
	1899	3,186	.....	3,	828	66,223	.....	136,696	92,300	3,630	20,274	59,360	108,644	49,284	.....	.....
Washington	1909	3,674	3,264	7,	734	69,120	80,118	297,897	222,261	9,827	49,766	117,888	220,746	102,858	52.9	71.4
	1904	2,751	2,602	3,	658	45,199	51,459	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9
	1899	1,926	.....	2,	103	31,523	.....	87,601	41,575	2,064	17,065	38,277	70,831	32,554	.....	.....

[1] Includes Indian Territory.

SUMMARY OF MANUFACTURES, BY STATES AND GEOGRAPHIC DIVISIONS, 1899, 1904, AND 1909—Continued.

en-us ar.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
		Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
							1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
09	2,586	2,599	4,971	63,893	71,463	217,496	150,922	5,710	33,000	92,878	161,949	69,071	46.0	63.5
04	2,109	2,230	2,892	43,758	48,880	138,578	86,821	2,839	21,153	54,419	99,041	44,622	32.3	47.8
99	1,824	.....	1,744	33,080	.....	91,894	49,103	1,519	12,640	37,228	67,007	29,779	.....	.....
09	9,721	8,556	22,287	182,583	213,426	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6
04	8,558	7,961	14,220	151,391	173,572	440,234	412,647	15,498	71,472	227,255	411,140	183,885	10.1	25.8
99	7,841	.....	10,480	137,525	.....	364,380	236,061	10,493	55,696	185,695	326,753	141,058	.....	.....
09	268	263	263	2,867	3,393	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4
04	169	150	179	1,834	2,163	3,604	2,696	206	1,261	1,301	3,523	2,222	—11.0	7.8
99	139	.....	87	2,060	.....	3,820	2,048	91	1,209	1,370	3,268	1,898	.....	.....
09	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,938	12,142,791	20,672,052	8,529,261	21.0	39.7
04	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
99	207 514	.....	364,120	4,712,763	.....	10,097,893	8,975,256	380,771	2,008,361	6,575,851	11,406,927	4,831,076	.....	.....
09	25,351	24,171	86,697	1,101,290	1,212,158	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,065	1,193,768	17.1	31.8
04	22,279	22,698	60,258	940,752	1,023,708	2,125,815	1,870,995	72,799	439,050	1,116,273	2,025,999	909,726	10.4	22.0
99	22,576	.....	45,402	851,903	.....	1,792,342	1,507,630	53,396	367,674	904,037	1,660,348	756,311	.....	.....
09	81,315	85,516	283,414	2,207,747	2,576,677	5,531,502	6,505,675	345,266	1,182,568	4,159,498	7,141,761	2,982,263	17.0	36.9
04	67,699	74,525	187,289	1,886,565	2,148,379	4,255,264	4,742,357	213,371	926,145	2,961,995	5,218,266	2,256,271	17.6	28.1
99	65,834	.....	127,326	1,604,844	.....	3,139,128	3,450,619	141,943	729,365	2,311,404	4,074,719	1,763,315	.....	.....
09	60,013	57,271	215,773	1,513,764	1,786,808	4,382,070	4,547,225	250,508	827,152	3,034,472	5,211,702	2,177,230	23.6	44.6
04	51,754	50,531	140,829	1,224,528	1,415,888	3,120,369	2,895,446	151,992	615,643	2,045,537	3,605,368	1,559,831	14.1	26.4
99	50,521	.....	103,350	1,073,322	.....	2,401,808	2,056,117	101,500	473,040	1,647,577	2,853,056	1,205,479	.....	.....
09	27,171	26,683	63,440	374,337	464,460	1,101,990	1,171,572	69,504	204,792	1,241,855	1,803,899	562,044	19.8	40.4
04	21,492	21,394	41,032	312,361	374,787	753,700	857,904	41,303	157,843	862,011	1,284,446	422,435	17.4	32.0
99	20,732	.....	30,606	266,051	.....	605,098	577,453	29,127	117,209	647,565	972,969	325,404	.....	.....

2,032	663,015	745,830	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8
1,633	522,611	578,989	1,221,040	930,420	34,201	175,461	550,102	974,028	423,926	14.0	35.8
1,368	458,344	.....	851,050	583,328	22,408	130,864	395,686	711,800	316,114	.....	.....
1,485	261,772	305,465	1,036,560	586,276	29,008	102,191	336,163	630,488	294,325	18.3	35.8
1,214	221,229	249,892	753,928	405,361	17,417	83,942	252,156	464,336	212,180	24.8	42.8
1,204	177,208	.....	513,425	234,014	10,385	56,003	176,506	325,086	148,580	.....	.....
1,438	204,520	240,902	873,350	547,739	25,382	97,646	382,131	625,443	243,312	42.6	50.6
1,871	143,470	166,640	555,717	328,906	15,190	67,128	246,832	415,232	168,400	26.5	64.6
1,255	113,388	.....	397,471	193,969	7,334	42,715	153,510	252,314	98,804	.....	.....
1,578	75,435	89,862	400,766	348,977	12,522	56,870	228,692	363,996	135,304	42.9	42.9
1,720	52,790	61,812	241,825	220,569	7,541	39,046	152,813	254,663	101,850	18.6	32.8
1,486	44,497	.....	123,012	126,724	3,897	27,714	115,606	191,825	76,219	.....	.....
1,410	213,166	256,416	802,016	848,477	36,829	153,810	493,678	843,512	349,834	29.9	52.9
1,710	164,077	193,517	460,049	423,623	20,625	106,187	312,489	551,565	239,076	33.2	51.2
1,123	123,206	.....	274,559	245,402	10,781	63,777	223,960	364,810	140,850	.....	.....

[1] For States included in each division, see note 5, p. 23.

INDS, CALENDAR YEARS 1910 TO 1914.

the Interior.]

	1913		1914	
lue.	Quantity.	Value.	Quantity.	Value.
llars.		Dollars.		Dollars.
50,153	59,643,098	130,905,558	39,714,280	71,905,079
63,388	30,388,935	458,342,345	22,263,263	298,777,429
23,776	296,207	13,015,362	255,524	9,350,245
97,500	66,801,500	40,348,100	72,455,100	40,067,700
51,500	4,299,784	88,884,400	8,572,976	94,531,800
39,338	1,224,484,098	189,795,035	1,150,137,192	152,968,246
26,530	411,878	36,245,264	512,794	39,997,932
99,166	337,252	37,772,224	343,418	35,028,636
53,941	20,213	813,171	16,548	811,680
07,000	72,379,000	13,845,000	79,129,000	14,522,700
32,889	2,508	429,363	2,705	576,501
11,348	16,665	1,591,854	16,667	1,572,167
38,932	210,241	997,698	219,318	1,069,194
2,753	255	2,854	591	8,715
15,723	4,048	40,480	2,635	27,377
19,942	59,403	25,124	98,265	218,497
27,500	305	49,000	94	11,280
02,158	1,537	672,118	990	435,000
[13])	.....	79,393	845,334	313,000
24,800	.....	46,699	208,000	66,560
45,778	1,034	46,530	6,324	280,885
.....	.....	[14]609,361	.....	[14]941,300
31,073	.....	883,222,012	.....	691,000,343

703,970	493,309,244
090,631	188,181,399
.....	77,412,292
762,535	214,125,215
.....	94,115,524
.....	309,692
.....	164,986,983
209,860	3,756,568
257,552	80,533,203
555,914	88,334,217
380,928	13,247,676
.....	1,058,512
.....	5,706,787
358,466	4,892,328
734,043	9,608,041
804,683	10,271,358
476,465	6,895,989
62,400	1,464,400
340,000	313,147

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KINDS, CALENDAR YEARS 1910 TO 1914—Continued.

	1912		1913		1914	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		Dollars.		*Dollars.*		*Dollars.*
1	74,657	561,693	70,595	512,410	66,766	473,036
2	106,497	9,507,895	97,573	9,020,896	106,791	9,978,710
6	.....	916,339	.....	855,627	.....	689,344
9	449,510	4,620,737	529,190	5,282,370	438,271	3,647,592
2	92,403	1,050,693	94,128	1,119,597	86,221	1,043,801
6	66,867	656,270	81,705	788,500	86,075	821,286
2	.....	319,722	.....	319,454	.....	124,651
1	350,928	1,334,259	341,338	1,286,084	336,662	1,283,346
8	992	6,652	957	4,785	485	2,425
1	.....	232,218	.....	207,352	.....	167,948
8	4,182	163,237	5,308	188,422	4,231	145,510
4	845,488	282,823	1,700,677	353,517	556,933	278,540
0	3,226	49,073	5,322	82,543	3,730	51,416
2	37,478	153,313	45,298	156,275	51,547	153,715
2	647,200	145,805	572,400	115,436	576,991	203,094
5	18,550	117,272	19,611	130,030	19,403	121,766
7	116,545	769,163	115,580	736,286	95,116	570,041
8	86,572	520,562	120,955	776,551	135,419	629,873
2	97,874	191,685	97,902	201,488	153,401	360,502
2	.....	.....	.....	.....	.....	.....
0	3,543,771	187,689	5,064,727	254,328	5,220,539	285,368
5	2,063	32,894	2,243	39,428	1,725	38,750
9	303,472	5,256,422	311,590	5,479,849	327,634	5,954,256
6	614,073	4,240,941	632,237	4,346,272	760,638	5,190,293
4	32,715	305,522	38,594	369,750	40,981	403,646

tomaceous infusorial earth and tripoli.do		130,006		147,462		125,446		285,821		252,327
nice.....do	23,271	94,943	21,689	88,399	27,146	86,687	24,563	55,408	27,591	59,172
lstones		28,217		40,069		71,414		56,163		43,316
gnesite (crude).....short tons[2]	12,443	74,658	9,375	75,000	10,512	84,096	9,632	77,056	11,293	124,223
estos.....do	3,693	68,357	7,604	119,935	4,403	87,959	1,100	11,000	1,247	18,965
d Glass.....do	1,461,089	1,516,711	1,538,666	1,543,733	1,465,386	1,430,471	1,791,800	1,895,991	1,619,649	1,568,030
d Molding, building, etc., and gravel, short tons[2]	67,949,347	19,520,919	65,308,293	19,614,850	66,889,175	21,682,737	77,764,049	22,321,517	77,662,086	22,278,969
Total value of nonmetallic mineral products		1,241,039,986		1,245,145,079		1,377,152,760		1,555,517,716		1,423,395,681
al value of metallic products		749,876,234		680,888,929		866,381,073		883,222,012		691,000,343
imated value of mineral products unspeci-ed		300,000		250,000		500,000		420,000		550,000
Grand total		1,991,216,220		1,926,284,008		2,244,033,833		2,439,159,728		2,114,946,024

[1] Natural pigments: Ocher, umber, sienna, metallic paint, mortar colors, and ground slate and shale, zinc-lead pigments; sublimed blue lead, sublimed white lead, leaded c oxide, zinc oxide, and zinc lead.

[2] "Long" tons, 2,240 avoirdupois pounds; "short" tons, 2,000 pounds.

[3] Exclusive of fibrous talc, shown below.

[4] Includes in 1914 bismuth, cadmium, ilmenite, lithium, marls, molybdenum, selenium, and an estimate of the value of miscellaneous mineral products for which statistics production are not collected annually.

No. 138.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1792 TO 1908.[1]

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

Calendar year.	Gold.		Silver.	
	Fine ounces (troy).	Value.	Fine ounces (troy).	Commercial value.[2]
		Dollars.		*Dollars.*
Apr. 2, 1792-July 31, 1834	677,250	14,000,000	.....	Insignificant.
July 31, 1834-Dec. 31, 1856	22,278,670	460,537,000	657,800	868,000
1857	2,660,625	55,000,000	38,700	52,400
1858	2,418,750	50,000,000	38,700	52,000
1859	2,418,750	50,000,000	77,300	105,100
1860	2,225,250	46,000,000	116,000	156,800
1861	2,080,125	43,000,000	1,546,900	2,062,000
1862	1,896,300	39,200,000	3,480,500	4,684,800
1863	1,935,000	40,000,000	6,574,200	8,842,300
1864	2,230,087	46,100,000	8,507,800	11,443,000
1865	2,574,759	53,225,000	8,701,200	11,642,200
1866	2,588,062	53,500,000	7,734,400	10,356,400
1867	2,502,196	51,725,000	10,441,400	13,866,200
1868	2,322,000	48,000,000	9,281,200	12,306,900
1869	2,394,362	49,500,000	9,281,200	12,297,600
1870	2,418,750	50,000,000	12,375,000	16,434,000
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,800	29,396,400
1873	1,741,500	36,000,000	27,650,400	35,881,600
1874	1,620,122	33,490,000	28,868,200	36,917,500
1875	1,619,009	33,467,900	24,539,300	30,485,900
1876	1,931,575	39,929,200	29,996,200	34,919,800
1877	2,268,662	46,897,400	30,777,800	36,991,500
1878	2,477,109	51,206,400	35,022,300	40,401,000
1879	1,881,787	38,900,000	31,565,500	35,477,100
1880	1,741,500	36,000,000	30,318,700	34,717,000
1881	1,678,612	34,700,000	33,257,800	37,657,500
1882	1,572,187	32,500,000	36,196,900	41,105,900
1883	1,451,250	30,000,000	35,782,800	39,618,400
1884	1,489,950	30,800,000	37,743,800	41,921,300
1885	1,538,373	31,801,000	39,909,400	42,503,500
1886	1,686,788	34,869,000	39,694,000	39,482,400
1887	1,603,049	33,136,000	41,721,600	40,887,200
1888	1,604,478	33,167,500	45,792,700	43,045,100
1889	1,594,775	32,967,000	50,094,500	46,838,400
1890	1,588,877	32,845,000	54,516,300	57,242,100
1891	1,604,840	33,175,000	58,330,000	57,630,000
1892	1,597,698	33,015,000	63,500,000	55,662,500
1893	1,739,323	35,955,000	60,000,000	46,800,000
1894	1,910,813	39,500,000	49,500,000	31,422,100
1895	2,254,760	46,610,000	55,727,000	36,415,500
1896	2,568,132	53,088,000	58,834,800	39,654,600
1897	2,774,935	57,363,000	53,860,000	32,316,000
1898	3,118,398	64,463,000	54,438,000	32,118,400
1899	3,437,210	71,053,400	54,764,500	32,858,700
1900	3,829,897	79,171,000	57,647,000	35,741,100
1901	3,805,500	78,666,700	55,214,000	33,128,400
1902	3,870,000	80,000,000	55,500,000	29,415,000
1903	3,560,000	73,591,700	54,300,000	29,322,000
1904	3,892,480	80,464,700	57,682,800	33,456,024
1905	4,265,742	88,180,700	56,101,600	34,221,976
1906	4,565,333	94,373,800	56,517,900	38,256,400
1907	4,374,827	90,435,700	56,514,700	37,299,700
1908[3]	4,574,340	94,560,000	52,440,800	28,050,000

[1] The estimates from 1792 to 1873 are by R. W. Raymond, United States Commissioner of Mining Statistics, and since by the Director of the Mint.
[2] To compute coining value of silver, multiply number of fine ounces by $1.2929+.
[3] For subsequent years see next table, and for world's production see Table 366, p. 709.

No. 137.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1909 TO 1915:[1] BY STATES.

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

GOLD.

State.	1909	1910	1911	1912	1913	1914	1915[2]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alaska	20,339,600	16,271,800	16,665,200	17,198,600	14,782,512	16,547,200	16,626,700
Arizona	2,626,800	3,413,200	3,521,400	3,785,400	3,803,039	4,568,900	4,107,400
California	20,703,600	20,441,400	19,928,500	20,008,000	20,108,447	21,251,900	23,005,800
Colorado	21,846,600	20,526,500	19,138,800	18,741,200	18,420,031	19,902,400	22,191,200
Georgia	43,400	24,000	82,000	10,900	9,881	16,800	24,300
Idaho	1,344,200	1,035,900	1,357,900	1,401,700	1,366,605	1,187,200	1,048,600
Montana	3,750,100	3,720,400	3,649,700	3,707,900	3,078,202	4,143,600	4,763,100
Nevada	16,386,200	18,873,700	18,096,900	13,575,700	12,279,131	11,536,200	11,314,700
New Mexico	252,800	477,200	761,700	754,600	844,086	1,219,100	1,430,000
North Carolina	31,400	64,500	71,900	156,000	111,442	130,300	153,300

580, AND IN CALENDAR

	1913	1914
ns.	*Long tons.*	*Long tons.*
14	62,287	(3)
55	81,718,680	81,090,631
69	81,780,967	81,090,631
36	15,784,395	13,922,698
31	1,994,738	1,639,768
19	[4]24,028	[4]12,477
53	8,211,691	7,295,142
27	228,237	148,659
46	[5]1,944	(6)
52	55,016,736	51,418,926
62	15,326,492	14,858,154
...	...	...
98	6,719,586	6,652,698
63	6,430,545	6,125,882
79	17,514,821	18,198,896
77	4,267,713	3,690,667
91	1,099,809	1,145,562
71	3,855,469	3,514,268
71	2,893,726	2,504,619
...	...	...
40	3,280,769	3,462,222
79	...	...
64	442,250	452,397
21	32,321,899	16,824,210
23	3,719,437	3,561,262
16	41,128	46,034

Pennsylvania	16,451,038	37,769,797	71,287,791	115,440,363	134,056,408	104,624,578	123,184,635	134,394,220	129,072,551	144,522,757	155,161,801	132,127,941
South Dakota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,411	10,580
Tennessee	442,081	1,937,130	3,133,537	5,588,639	6,030,574	5,534,974	5,677,362	6,358,375	5,743,889	5,779,668	6,125,165	5,306,480
Texas	.....	164,679	864,619	1,172,208	1,471,490	1,692,801	1,628,964	1,689,443	1,763,029	1,954,118	2,168,878	2,074,797
Utah	13,168	284,071	1,024,131	1,582,635	1,738,935	1,648,921	2,024,017	2,248,044	2,243,906	2,692,990	2,906,096	2,770,568
Virginia	38,463	700,010	2,137,280	3,798,999	4,206,156	3,802,716	4,243,051	5,810,712	6,129,167	7,005,927	7,882,203	7,106,728
Washington	129,478	1,128,294	2,209,012	2,925,164	3,286,189	2,700,842	3,216,306	3,492,767	3,190,013	3,000,832	3,462,403	2,736,446
West Virginia	1,633,789	6,602,370	20,220,721	38,652,098	42,938,913	37,408,788	46,293,946	55,063,410	53,421,054	59,630,971	63,619,764	64,024,666
Wyoming	526,424	1,669,964	3,584,466	5,476,780	5,583,027	4,901,698	5,708,133	6,725,971	6,022,200	6,578,682	6,600,952	5,781,512
RECAPITULATION.[9]												
Middle States	25,439,748	57,633,166	112,055,688	183,705,937	210,633,756	169,397,457	198,016,868	224,660,123	214,141,624	239,415,126	255,371,177	216,667,484
Western States	10,535,833	29,629,338	51,161,510	80,614,806	94,285,532	37,442,973	94,692,003	98,245,107	95,553,459	52,328,528	106,606,667	55,421,510
Southern States	1,874,276	10,547,711	22,822,807	37,151,719	42,372,653	85,612,249	40,913,388	58,618,533	47,146,327	104,316,517	58,698,643	99,759,740
Pacific States	392,784	1,566,858	3,440,091	4,612,019	5,116,113	4,451,147	5,365,738	5,815,940	5,487,606	5,743,763	6,435,599	5,565,525
Total bituminous	38,242,641	99,377,073	189,480,097	306,084,481	352,408,054	296,903,826	338,987,997	372,339,703	362,329,016	401,803,934	427,112,086	377,414,259
Total anthracite and bituminous[10]	63,822,830	140,866,981	240,789,310	369,783,284	428,895,914	371,288,123	411,441,621	447,853,909	443,188,505	477,202,304	508,893,053	458,504,800
AMOUNTS MARKETED.[11]												
Pennsylvania anthracite — tons	.....	38,403,552	46,355,595	57,355,519	68,975,615	66,655,548	64,663,564	67,539,106	72,492,000	67,343,159	73,136,986	72,383,578
Pennsylvania anthracite — value, dolls.	.....	66,383,772	85,757,851	131,917,694	163,584,056	158,178,849	149,181,587	160,275,302	175,189,392	177,622,626	195,181,127	188,181,399
Bituminous — tons	.....	97,957,790	186,227,513	299,183,137	344,240,502	289,275,096	330,585,909	363,788,858	353,245,459	391,869,724	416,753,923	368,088,853
Bituminous — value, dolls.	.....	110,420,801	218,930,313	381,162,115	451,214,842	374,135,268	405,486,777	469,281,719	451,375,819	517,983,445	565,234,952	493,309,244
Total — tons	.....	136,361,342	232,583,108	356,538,656	413,216,117	355,930,644	395,249,473	431,327,964	425,737,459	459,212,883	489,890,909	440,472,431
Total — value, dolls.	.....	176,804,573	306,688,164	513,079,809	614,798,898	532,314,117	554,902,624	629,557,021	626,565,211	695,606,071	760,416,079	681,490,643

[1] Included in bituminous product.
[2] Colorado only.
[3] After 1913 the small amounts of anthracite coal mined in Colorado and New Mexico are included with the bituminous product of those States.
[4] Includes Alaska; also Idaho and Nevada after 1913.
[5] Includes Nevada.
[6] Included under California.
[7] Includes Massachusetts.
[8] Includes small amount of Triassic in Virginia.
[9] Middle States: Maryland, Ohio, Pennsylvania, and West Virginia. Southern States: Alabama, Arkansas, Georgia, Indian Territory, Kentucky, New Mexico, North Carolina, Oklahoma, Tennessee, Texas, and Virginia. Western States: Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Missouri, Montana, Nebraska, North Dakota, South Dakota, and Wyoming. Pacific States: California, Idaho, Oregon, Utah, Washington, and miscellaneous.
[10] Amounts marketed only for the year 1880; afterwards the entire product of the mines.
[11] Quantities represent amounts shipped to market; values are based on those of entire product.

ND 1905 TO 1915, AND THE NUMBER OF FURNACES, 1904 AND
BY GEOGRAPHIC DIVISIONS.

2; for later years, the bureau of statistics of the American Iron and Steel Institute.]

iron production.[2]							Furnaces.		
							In blast.		Total Dec. 31, 1915.
909	1910	1911	1912	1913	1914	1915	June 30, 1915.	Dec. 31, 1915.	
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
53,617	1,939,147	1,712,211	1,862,681	2,057,911	1,826,929	2,049,453	20	27	47
32,766	428,612	395,968	397,731	324,263	267,777	271,921	2	2	6
18,388	16,582	9,649	17,366	12,810	6,594	7,802	1	1	3
26,072	14,725	1,200							4
							10	10	10
57,156	2,675,646	2,108,002	2,887,359	2,927,832	1,847,451	2,447,220	12	21	26
36,371	100,509	95,202	68,760	315,731	236,393	291,040	1	3	6
36,856	326,214	255,816	219,546	289,959	195,594	251,548	2	3	5
									2
34,289	1,250,103	1,163,932	1,770,628	1,775,883	1,557,355	1,986,778	8	11	14
							1	2	2
									1
							1	1	2
94,474	264,781	40,663	36,876	2,187,620	1,559,864	2,104,780	1	1	5
33,675	1,938,407	1,562,756	1,939,231				16	18	27
51,545	5,752,112	5,310,506	6,802,493	7,129,525	5,283,426	6,912,962	50	62	74
									1
18,824	11,272,323	9,807,073	12,552,131	12,954,936	9,733,369	12,790,668	96	125	156
33,845	397,569	324,648	338,238	280,541	216,738	177,729	5	6	18
									2

771	320,458	391,134	444,976	293,642	256,167	341,815	271,228	251,346	5	7	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
066	65,551	228,282	174,661	291,472	274,360	.....	.....	.....	1	3	4
083	148,938	348,177	307,200	276,807	303,370	367,326	329,526	372,966	4	7	8
361	15,936,018	25,795,471	27,303,567	23,649,547	29,726,937	30,966,152	23,332,244	29,916,213	236	310	445
508	8,494,905	13,480,499	13,992,968	11,967,429	15,039,510	15,679,841	11,633,436	15,154,798	117	151	202
822	2,077,739	2,601,039	2,896,926	2,426,903	2,525,846	2,761,482	2,413,273	2,769,568	31	43	100
531	5,363,374	9,713,933	10,413,673	9,255,215	12,161,581	12,524,829	9,285,535	11,991,847	88	116	142
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
167	236	338	206	231	313	205	164	.....	.....	.....	310
276	223	331	267	234	153	257	287	.....	.....	.....	135

phorus, ferrotitanium, ferrovanadium, etc.
1900; California is included from 1907; and Oregon from 1911.

exas only from 1904 to 1911.

. 1913 to date.

assachusetts, New Jersey, New York, Pennsylvania, and West Virginia. Southern States: Alabama, and Virginia. Western States: Colorado, Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio, and The production of the Pacific States is included with that of Colorado.)

No. 140.—PIG-IRON PRODUCTION: QUANTITIES[1] AND KINDS, CALENDAR YEARS: 1909 TO 1915, BY STATES.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, the bureau of statistics of the American Iron and Steel Institute. Figures of 1915 are preliminary.]

ANTHRACITE AND MIXED ANTHRACITE AND COKE PIG IRON.

State.	1909	1910	1911	1912	1913	1914	1915
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
New York, New Jersey, and Pennsylvania	698,431	649,082	229,575	247,179	390,041	91,464	84,753
CHARCOAL PIG IRON.							
Massachusetts, Connecticut, New York, and New Jersey	20,629	16,632	9,649	17,366	12,810	6,006	7,802
Pennsylvania	2,691	4,272	3,513	3,832	4,679	3,226	3,578
Maryland, and Virginia	5,588	1,555	3,325	3,189	3,240	3,719	404
Tennessee, Texas, Kentucky, Georgia, and Mississippi	14,684	11,453	5,334	2,866	2,338	3,394	866
Alabama	33,641	35,704	32,557	34,033	32,450	20,158	26,954
Ohio[2]	.....	1,060	1,902	1,925	2,001	.....	.....
Michigan	231,733	260,805	160,884	231,169	224,079	194,699	217,802
Wisconsin, Missouri, Washington, and California	67,037	65,026	61,512	52,645	58,384	32,122	38,746
Total	[3]376,003	[3]396,507	[3]278,676	[3]347,025	[3]339,981	263,924	296,152
BITUMINOUS COAL AND COKE PIG IRON.							
New York	1,731,434	1,938,357	1,562,756	1,939,231	2,187,620	1,559,852	2,104,780
New Jersey[4]	256,846	262,669	40,663	36,876	.....	.....	.....
Pennsylvania	10,255,330	10,621,081	9,578,985	12,301,120	12,650,216	9,638,679	12,702,337
Maryland	284,356	325,614	255,186	218,603	289,959	195,344	251,144
West Virginia	228,282	174,661	291,472	274,360	315,728	236,251	291,040
Kentucky[5]	84,016	98,951	93,574	68,580	.....	.....	.....
Tennessee	330,909	394,078	320,942	335,552	278,206	214,664	177,729
Virginia, North Carolina, Georgia, and Texas	404,725	452,342	292,147	253,921	338,575	267,759	251,346
Alabama	1,729,976	1,903,448	1,679,654	1,828,648	2,025,461	1,806,771	2,022,499
Ohio	5,551,545	5,751,052	5,308,604	6,800,568	7,127,524	5,282,248	6,912,096
Illinois	2,467,156	2,675,646	2,108,002	2,887,359	2,927,832	1,847,451	2,447,220
Indiana, Wisconsin, and Michigan	[6]971,837	1,193,796	1,166,237	1,765,941	1,807,660	1,619,554	2,033,230
Minnesota, Missouri, Colorado, Washington, and California	424,625	466,288	448,074	421,974	377,349	308,283	341,887
Total	[7]24,721,037	[7]26,257,978	[7]23,141,296	[7]29,132,733	[7]30,326,180	22,976,856	29,535,398

[1] In tons of 2,240 pounds.
[2] The production of Ohio is included with Tennessee, etc., after 1913.
[3] Includes small quantities of pig iron and ferro alloys made with charcoal and electricity.
[4] The production of New Jersey is included with that of New York after 1912.
[5] The production of Kentucky is included with that of West Virginia after 1912.
[6] Includes a small quantity of iron made experimentally in Michigan with manufactured gas. No iron made in Michigan in 1910 or 1911 with manufactured gas.
[7] Includes small quantities of ferro alloys made with coke and electricity, coal and natural gas, etc.

No. 141.—CRUDE-STEEL PRODUCTION: QUANTITIES AND KINDS, 1882 TO 1914.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, from the bureau of statistics of the American Iron and Steel Institute.]

Calendar year.	Bessemer ingots and castings.	Open-hearth ingots and castings.	Crucible ingots and castings.	All other steels.	Total.
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
1882	1,514,687	143,341	75,973	2,691	1,736,692
1883	1,477,345	119,356	71,835	4,999	1,673,535
1884	1,375,531	117,515	53,270	4,563	1,550,879
1885	1,519,430	133,376	57,599	1,515	1,711,920
1886	2,269,190	218,973	71,973	2,367	2,562,503
1887	2,936,033	322,069	75,375	5,594	3,339,071
1888	2,511,161	314,318	70,279	3,682	2,899,440
1889	2,930,204	374,543	75,865	5,120	3,385,732
1890	3,688,871	513,232	71,175	3,793	4,277,071
1891	3,247,417	579,753	72,586	4,484	3,904,240
1892	4,168,435	669,889	84,709	4,548	4,927,581
1893	3,215,686	737,890	63,613	2,806	4,019,995
1894	3,571,313	784,936	51,702	4,081	4,412,032
1895	4,909,128	1,137,182	67,666	858	6,114,834
1896	3,919,906	1,298,700	60,689	2,394	5,281,689
1897	5,475,315	1,608,671	69,959	3,012	7,156,957
1898	6,609,017	2,230,292	89,747	3,801	8,932,857
1899	7,586,354	2,947,316	101,213	4,974	10,639,857
1900	6,684,770	3,398,135	100,562	4,862	10,188,329
1901	8,713,302	4,656,309	98,513	5,471	13,473,595
1902	9,138,363	5,687,729	112,772	8,386	14,947,250
1903	8,592,829	5,829,911	102,434	9,804	14,534,978
1904	7,859,140	5,908,166	83,391	9,190	13,859,887
1905	10,941,375	8,971,376	102,233	8,963	20,023,947
1906	12,275,830	10,980,413	127,513	14,380	23,398,136
1907	11,667,549	11,549,736	131,234	14,075	23,362,594
1908	6,116,755	7,836,729	63,681	6,132	14,023,247
1909	9,330,783	14,493,936	107,355	22,947	23,955,021
1910	9,412,772	16,504,509	122,303	55,335	26,094,919
1911	7,947,854	15,598,650	97,653	31,949	23,676,106
1912	10,827,901	20,780,723	121,517	21,162	31,251,303
1913	9,545,706	21,599,931	121,226	34,011	31,300,874
1914	6,220,846	17,174,684	89,869	27,631	23,513,030

No. 142.—IRON-ORE PRODUCTION (MARKETED): QUANTITIES, BY STATES, CALENDAR YEARS 1909 TO 1914.

[*Source:* Reports of the Geological Survey, Department of the Interior.]

State.	1909	1910	1911	1912	1913	1914
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Alabama	4,321,252	4,801,275	3,955,582	4,776,545	5,333,218	4,514,926
Arkansas and Texas	[1] 6,474	[1] 29,535	.....	(2)	(2)	(2)
California, Colorado, Montana, Nevada, New Mexico, Washington, and Wyoming	637,582	861,850	(2)	(2)	(2)	[3] 12,746
Connecticut and Massachusetts	38,272	34,158	(2)	(2)	(2)	(2)
Georgia	221,016	313,878	207,279	185,337	153,336	66,222
Kentucky, Maryland, and West Virginia	98,657	78,409	(2)	(2)	(2)	(2)
Michigan	11,900,384	13,308,906	8,945,103	12,797,468	12,668,560	8,533,280
Minnesota	28,975,149	31,966,769	23,398,406	34,249,813	36,603,331	23,298,547
Missouri	89,954	78,341	72,810	42,120	37,134	36,304
Montana	.....	.....	(2)	(2)	2,475	(2)
New Jersey	543,720	521,882	359,721	366,823	291,653	346,820
New Mexico	.....	.....	(2)	(2)	104,085	(2)
New York	1,015,333	1,287,209	1,057,984	1,167,405	1,420,889	640,252
North Carolina	61,150	65,278	(4)	(2)	(2)	(2)
Ohio	16,527	22,320	16,697	20,861	8,299	(2)
Pennsylvania	666,889	739,799	514,929	522,172	478,693	400,062
Tennessee	657,795	732,247	469,728	416,885	364,092	330,214
Utah	.....	.....	34,528	7,280	14,690	(2)
Virginia	837,847	903,377	610,871	412,520	492,649	346,382
Wisconsin	1,067,436	1,149,551	559,763	1,152,250	896,243	591,595
All other	.....	.....	889,048	950,135	713,751	596,930
Total	51,155,437	56,889,734	41,092,447	57,017,614	59,643,098	39,714,280

[1] Texas only.
[2] Included in "All other."
[3] California and Colorado only.
[4] Included under Kentucky, etc.

No. 143.—IRON AND STEEL MANUFACTURES: Quantities and Kinds, Calendar Years 1910 to 1914.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years from the bureau of statistics of the American Iron and Steel Institute.]

Article.	1910	1911	1912	1913	1914
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Pig iron	27,303,567	23,649,547	29,726,937	30,966,152	23,332,244
Spiegeleisen and ferromanganese (included with pig iron)	224,481	184,718	221,724	229,883	186,018
Finished iron and steel:					
Rails—					
Bessemer steel	1,884,442	1,053,420	1,099,926	817,591	323,897
Open-hearth steel	1,751,359	1,676,923	2,105,144	2,527,710	1,525,851
Iron	230	[1] 92,447	[1] 122,845	[1] 157,479	95,347
Total rails	3,636,031	2,822,790	3,327,915	3,502,780	1,945,095
Structural shapes	2,266,890	1,912,367	2,846,487	3,004,972	2,031,124
Wire rods	2,241,830	2,450,453	2,653,553	2,464,807	2,431,714
Plate and sheet, except nail plate and skelp	4,955,484	4,488,049	5,875,080	5,751,037	4,719,246
Nail plate	45,294	48,522	45,331	37,503	38,573
Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc	8,475,750	7,316,990	9,908,475	10,030,144	7,204,444
Total finished rolled	21,621,279	19,039,171	24,656,841	24,791,243	18,370,196
Nails:					
Cut nails and cut spikes	[2] 1,105,233	[2] 967,636	[2] 978,415	[2] 842,038	769,665
Wire nails	[2] 12,704,902	[2] 13,437,778	[2] 14,659,700	[2] 13,559,727	13,132,814
Steel ingots and castings:					
Bessemer	9,412,772	7,947,854	10,327,901	9,545,706	6,220,846
Open-hearth	16,504,509	15,598,650	20,780,723	21,599,931	17,174,684
Crucible	122,303	97,653	121,517	121,226	89,809
All other, including electric	55,335	31,949	21,162	34,011	27,631
Total crude steel	26,094,919	23,676,106	31,251,303	31,300,874	23,513,030
Ore, pig, and scrap blooms for sale	14,016	2,271	250	80	5,026
Tin plates and terneplates	722,770	783,960	962,971	823,719	931,241

[1] Includes electric steel rails; also rails rerolled from old steel rails which the manufacturers could not classify as Bessemer or open-hearth. [2] Kegs of 100 pounds.

No. 144.—TIN-PLATE MANUFACTURES: Quantities, 1897 to 1914.

[Sources: 1897 to 1911, annual report of the American Iron and Steel Association, excepting 1900 and 1904, figures for which are from census reports; 1912 and 1913 from the bureau of statistics of the American Iron and Steel Institute.]

Calendar year.	Tin plates.	Terne-plates.	Total
	Pounds net.	*Pounds net.*	*Pounds net.*
1897			574,779,520
1898			732,289,600
1899			808,360,000
1900[1]	707,718,239	141,285,783	849,004,022
1901			894,411,840
1902			806,400,000
1903			1,075,200,000
1904[2]	867,526,985	158,857,866	1,026,384,851
1905			1,105,440,000
1906	1,100,373,000	193,367,000	1,293,740,000
1907	996,650,000	156,447,000	1,153,097,000
1908	1,048,896,000	154,179,000	1,203,075,000
1909	1,179,858,000	190,930,000	1,370,788,000
1910	1,450,821,000	168,184,000	1,619,005,000
1911	1,597,629,000	158,441,000	1,756,070,000
1912	1,965,659,000	191,396,000	2,157,055,000
1913	1,708,186,000	136,944,000	1,845,130,000
1914	1,939,785,000	146,195,000	2,085,980,000

[1] Census year ended May 31. [2] Census year ended Dec. 31.

No. 145.—EXPLOSIVES: AMOUNTS (EXCLUDING EXPORTS) MANUFACTURED AND USED BY STATES, CALENDAR YEARS 1913 AND 1914.

[Source: Bureau of Mines, Department of the Interior.]

State.	1913			1914		
	Black blasting powder.	High explosives other than permissible.	Permissible explosives.	Black blasting powder.	High explosives other than permissible.	Permissible explosives.
	Kegs.	*Pounds.*	*Pounds.*	*Kegs.*	*Pounds.*	*Pounds.*
Alabama	204,151	5,573,850	4,396,667	178,689	3,921,685	3,171,697
Alaska	(1)	3,571,470	.....	(1)	(1)	.....
Arizona	30,550	8,731,335	.....	9,346	7,986,113	(1)
Arkansas	107,679	1,240,465	4,300	88,363	1,137,869	(1)
California	182,974	12,048,102	(1)	110,418	10,344,833	(1)
Colorado	82,542	7,760,290	684,687	82,472	7,165,230	812,550
Connecticut	2,994	710,518	(1)	1,888	751,265	(1)
Delaware	(1)	(1)	(1)	(1)	(1)	.....
District of Columbia	(1)	(1)	.....	.....	15,250	.....
Florida	1,518	2,187,268	.....	991	1,935,619	.....
Georgia	23,524	1,178,770	.....	16,706	785,471	(1)
Idaho	11,502	3,995,415	(1)	6,566	3,676,450	.....
Illinois	1,294,282	6,689,690	1,578,925	1,205,636	6,260,121	1,344,375
Indiana	543,212	2,452,364	81,750	508,226	2,619,206	96,623
Iowa	310,206	1,921,721	(1)	346,910	1,846,192	27,650
Kansas	466,244	3,293,798	32,275	503,688	3,105,531	(1)
Kentucky	279,964	3,687,345	467,550	302,772	2,258,712	550,600
Louisiana	(1)	1,146,162	(1)	(1)	822,974	(1)
Maine	6,693	831,484	(1)	3,907	755,895	.....
Maryland	37,966	1,475,214	(1)	23,422	1,476,686	11,450
Massachusetts	8,636	1,497,992	(1)	6,561	1,432,825	(1)
Michigan	25,148	21,818,795	(1)	34,371	20,812,133	(1)
Minnesota	(1)	11,105,635	.....	140,834	9,072,006	(1)
Mississippi	4,572	693,523	(1)	2,213	745,630	.....
Missouri	172,866	15,712,677	(1)	156,118	13,962,593	324,100
Montana	109,969	8,751,955	(1)	86,397	6,842,101	(1)
Nebraska	4,713	263,450	(1)	4,001	219,110	.....
Nevada	(1)	6,836,785	(1)	16,179	5,792,895	(1)
New Hampshire	644	172,550	.....	1,026	156,050	(1)
New Jersey	4,477	2,175,336	(1)	6,347	2,187,358	(1)
New Mexico	45,662	1,955,230	(1)	58,516	1,874,677	(1)
New York	38,802	12,519,410	(1)	31,313	10,050,483	(1)
North Carolina	32,480	1,670,475	10,000	11,270	1,952,940	(1)
North Dakota	11,578	287,600	(1)	12,950	291,394	(1)
Ohio	347,374	7,272,123	20,600	246,727	8,815,955	30,775
Oklahoma	182,927	2,134,864	354,800	187,935	2,269,729	387,455
Oregon	(1)	4,538,430	.....	29,006	4,578,205	(1)
Pennsylvania	2,843,343	36,532,915	9,836,050	2,720,550	34,808,704	9,208,600
Rhode Island	341	81,075	.....	(1)	52,800	.....
South Carolina	(1)	483,030	.....	449	287,445	.....
South Dakota	(1)	1,937,305	.....	5,497	2,032,826	.....
Tennessee	263,035	4,575,107	226,337	126,035	3,389,283	124,938
Texas	69,105	1,681,600	(1)	53,459	1,226,301	(1)
Utah	136,098	5,721,925	3,963,700	21,519	3,297,570	(1)
Vermont	11,790	331,450	.....	10,004	213,025	.....
Virginia	182,740	3,569,293	160,650	124,293	3,261,091	510,450
Washington	60,077	8,610,471	(1)	(1)	8,093,036	(1)
West Virginia	668,884	4,534,400	3,498,460	611,817	4,122,230	3,236,099
Wisconsin	5,528	5,876,207	(1)	6,775	5,972,077	13,029
Wyoming	105,824	461,735	258,650	102,435	449,407	229,550
Not segregated	274,967	87,940	2,110,369	39,391	3,326,900	5,623,877
Total	[2] 9,197,581	242,386,544	27,685,770	[2] 8,243,988	218,453,971	25,697,818
	[3] 229,939,525	.....	.....	[3] 206,099,700	.....	.....
Grand total	[3] 500,011,839			[3] 450,251,480		

[1] Represents the product of only one or two manufacturers, and is included in item "Not segregated," at bottom of column.
[2] Kegs of 25 pounds each.
[3] Pounds.

No. 146.—CRUDE PETROLEUM PRODUCTION: QUANTITIES, CALENDAR YEARS 1880, 1890, 1900, AND 1911 TO 1914, BY STATES.

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1880	1890	1900	1911	1912	1913	1914
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
California	40,552	307,360	4,324,484	81,134,391	[2] 87,272,593	97,788,525	99,775,327
Colorado	.....	368,842	317,385	226,926	206,052	188,799	222,773
Illinois	.....	900	200	31,317,038	28,601,308	23,893,899	21,919,749
Indiana	.....	63,496	4,874,392	1,695,289	970,009	956,095	1,335,456
Kansas	.....	1,200	74,714	1,278,819	1,592,796	2,375,029	3,103,585
Kentucky	.....	[3] 6,000	[3] 62,259	472,458	484,368	524,568	502,441
Louisiana	.....	.....	.....	10,726,420	9,263,439	12,498,328	[6] 14,309,435
Missouri	.....	278	[4] 1,602	[4] 7,995	.....	[6] 10,843	7,792
New York	(7)	(7)	1,300,925	952,515	874,128	948,191	938,974
Ohio	38,940	16,124,656	22,362,730	8,817,112	[4] 8,969,007	8,781,468	8,536,352
Oklahoma [8]	.....	.....	6,472	56,069,637	51,427,071	63,579,384	73,631,724
Pennsylvania	[9] 26,027,631	[9] 28,458,208	13,258,202	8,248,158	7,837,948	7,917,302	8,170,335
Texas	.....	54	836,039	9,526,474	11,735,057	15,009,478	20,068,184
West Virginia	179,000	492,578	16,195,675	9,795,464	12,128,902	11,567,299	9,680,033
Wyoming	.....	.....	5,450	[10] 186,695	1,572,306	2,406,522	3,560,375
Total	26,286,123	45,823,572	63,620,529	220,449,391	222,935,044	248,446,230	265,762,535

No. 148.—FATALITIES IN AND ABOUT COAL MINES: NUMBER OF MEN KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1911 TO 1914.

[Source: Bureau of Mines, Department of the Interior.]

Locality and cause.	Number killed.				Percentage of grand total.			
	1911	1912	1913	1914	1911	1912	1913	1914
Killed underground:								
Falls of roof (coal, rock, etc.)	1,053	975	1,060	985	39.65	40.31	38.06	40.14
Falls of face or pillar coal	206	211	204	146	7.76	8.72	7.33	5.95
Mine cars and locomotives	382	371	424	380	14.38	15.33	15.22	15.48
Gas explosions and burning gas	99	185	91	332	3.73	7.65	3.27	13.53
Coal-dust explosions	266	105	423	17	10.02	4.34	15.19	.69
Explosives (includes premature blasts, explosion of misfires, suffocation by gases from explosives, flying pieces from blasts, etc.)	160	147	138	146	6.02	6.08	4.95	5.95
Suffocation from mine gases	20	6	33	14	.75	.25	1.18	.57
Electricity (shock or burns)	94	80	80	89	3.54	3.31	2.87	3.63
Animals	7	6	9	7	.26	.25	.32	.29
Mining machines	9	7	24	20	.34	.29	.86	.82
Mine fires (burned, suffocated, etc.)	75	11	4	7	2.82	.45	.14	.29
Other causes	63	55	72	57	2.37	2.27	2.59	2.32
Total	2,434	2,159	2,562	2,200	91.64	89.25	91.99	89.66
Killed in shaft:								
Falling down shafts or slopes	34	33	50	70	1.28	1.36	1.80	2.85
Objects falling down shafts or slopes	.....	5	1	5	.....	.21	.04	.20
Cages or skips	16	20	9	12	.60	.83	.32	.49
Other causes	2	3	2	1	.08	.12	.07	.04
Total	52	61	62	88	1.96	2.52	2.23	3.58
Killed on the surface:								
Mine cars and mine locomotives	61	78	78	68	2.30	3.23	2.80	2.77
Electricity (shock or burns)	5	8	8	11	.19	.33	.29	.45
Machinery	31	33	26	26	1.17	1.36	.93	1.06
Boiler explosions or bursting steam pipes	7	5	1	5	.26	.21	.04	.20
Railway cars and locomotives	12	14	8	13	.45	.58	.29	.53
Other causes	54	61	40	43	2.03	2.52	1.43	1.75
Total	170	199	161	166	6.40	8.23	5.78	6.76
Grand total	2,656	2,419	2,785	2,454	100.00	100.00	100.00	100.00

No. 149.—FATALITIES IN AND ABOUT METAL MINES: NUMBER KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1911 TO 1914.

[Source: Bureau of Mines, Department of the Interior.]

Locality and cause.	Number killed.				Percentage of grand total.			
	1911	1912	1913	1914	1911	1912	1913	1914
Killed underground:								
Fall of rock or ore from roof or wall	191	212	220	185	27.48	32.10	32.21	33.09
Rock or ore while loading at working face	(1)	2	10	7	(1)	.30	1.46	1.25
Timber or hand tools	10	6	8	3	1.44	.90	1.17	.54
Explosives	62	73	77	49	8.92	11.04	11.28	8.76
Haulage accidents	20	35	35	31	2.88	5.29	5.13	5.55
Fall down chute, winze, raise, or stope	47	43	52	48	6.76	6.50	7.62	8.59
Run of ore from chute or pocket	14	10	10	5	2.01	1.51	1.46	.89
Drilling accidents	.....	2	.....	3	.....	.30	.....	.54
Electricity	15	19	16	8	2.16	2.87	2.34	1.43
Machinery (not including locomotives or drills)	10	2	4	1	1.44	.30	.58	.18
Mine fires	37	1	.....	10	5.32	.15	.....	1.79
Suffocation from natural gases	8	4	3	1	1.15	.61	.44	.18
Inrush of water	12	5	.....	8	1.73	.76	.....	1.43
Other causes	10	8	23	7	1.44	1.21	3.37	1.26
Total	436	422	458	366	62.73	63.84	67.06	65.47
Killed in shaft:								
Falling down shafts	57	40	26	34	8.20	6.05	3.81	6.08
Objects falling down shafts	18	12	15	10	2.59	1.82	2.20	1.79
Breaking of cables	4	2	2	2	.58	.30	.29	.36
Overwinding	.....	.....	3	.....	.....	.....	.44	.....
Skip or cage	(1)	37	34	43	.....	5.60	4.98	7.70
Other causes	27	9	10	11	3.88	1.36	1.46	1.96
Total	106	100	90	100	15.25	15.13	13.18	17.89
Killed on surface:								
Mine cars or mine locomotives	4	6	9	3	.58	.91	1.32	.54
Railway cars and locomotives	8	5	4	7	1.15	.76	.58	1.25
Run or fall of ore in or from ore bins	3	2	2	5	.43	.30	.29	.89
Falls of persons	(1)	6	5	4	(1)	.91	.73	.72
Stepping on nail	(1)	.....	1	.....	(1)	.....	.15	.....
Electricity	2	5	5	6	.29	.76	.73	1.07
Machinery	8	11	11	4	1.15	1.66	1.61	.72
Other causes	42	24	12	8	6.04	3.63	1.76	1.43
Total	67	59	49	37	9.64	8.93	7.17	6.62
Killed by surface accidents (where surface mining is done):								
Falls or slides of rock or ore	35	16	17	18	5.04	2.42	2.49	3.22
Explosives	16	21	12	11	2.31	3.17	1.76	1.96
Haulage accidents	21	20	30	9	3.02	3.03	4.39	1.61
Steam shovels	1	4	2	1	.14	.61	.29	.18
Falls of persons	3	3	1	4	.43	.45	.15	.72
Falls of derricks, booms, etc.	1	2	1	1	.14	.30	.15	.18
Machinery (other than locomotives or steam shovels)	3	6	10	5	.43	.91	1.46	.89
Electricity	.....	1	5	3	.....	.15	.73	.54
Other causes	6	7	8	4	.87	1.06	1.17	.72
Total	86	80	86	56	12.38	12.10	12.59	10.02
Grand total	695	661	683	559	100.00	100.00	100.00	100.00

[1] Not listed in 1911.

No. 150.—FATALITIES IN COAL MINES: By States, Calendar Years 1902 to 1914.

[Source: Bureau of Mines, Department of the Interior.]

State.	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Alabama	50	57	83	187	96	154	108	129	238	209	123	124	128
Alaska and California	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	2	2	.....
Arkansas	13	11	.....	8	13	13	14	15	14	12	6	12	11
Colorado	73	44	94	65	89	107	63	97	323	88	96	108	75
Georgia and North Carolina	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2	3	1
Idaho and Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	107	158	173	203	161	192	172	458	143	172	163	164	193
Indiana	24	52	34	46	31	53	45	49	51	46	35	66	44
Iowa	49	27	25	37	29	40	31	39	33	38	19	26	37
Kansas	28	33	31	41	39	37	38	32	17	42	30	28	33
Kentucky	19	27	20	31	39	32	40	34	86	44	51	48	61
Maryland	11	12	10	15	6	3	6	20	18	15	15	13	18
Michigan	8	8	6	9	5	7	6	9	6	7	8	3	2
Missouri	10	17	11	11	16	8	10	21	14	8	19	10	19
Montana	12	5	9	8	13	13	21	11	12	14	7	20	8
New Mexico	14	22	8	7	23	34	24	14	16	11	16	272	18
North Dakota	.....	.....	.....	.....	.....	.....	4	.....	2	1	.....	6	3
Ohio	86	124	117	126	131	154	113	110	159	107	135	165	64
Oklahoma	42	42	29	41	44	39	46	48	39	27	99	23	31
Oregon	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	1
Pennsylvania (anthracite)	300	518	595	644	557	708	678	567	601	699	601	618	595
Pennsylvania (bituminous)	455	395	533	475	476	799	571	500	521	515	446	609	402
Tennessee	226	26	28	20	32	30	34	29	38	111	18	35	26
Texas	.....	.....	.....	.....	.....	.....	.....	4	7	8	2	4	11
Utah	8	7	9	7	4	5	5	15	18	13	19	17	22
Virginia	.....	.....	.....	.....	35	11	.....	27	57	68	75	24	27
Washington	34	25	31	12	22	37	25	39	43	27	14	22	17
West Virginia	134	147	149	212	277	736	310	336	329	341	381	337	556
Wyoming	21	169	.....	18	.....	30	81	30	36	32	36	26	51
Total killed	1,724	1,926	1,995	2,232	2,138	3,242	2,445	2,642	2,821	2,656	2,419	2,785	2,454
Number killed per 1,000 men employed	3.38	3.46	3.48	3.63	3.39	4.81	3.60	3.96	3.89	3.65	3.35	3.73	3.22

No. 151.—FATALITIES INSIDE AND OUTSIDE OF QUARRIES: NUMBER KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1911 TO 1914.

[Source: Bureau of Mines, Department of the Interior.]

Locality and cause.	Number killed.				Percentage of grand total.			
	1911	1912	1913	1914	1911	1912	1913	1914
Killed inside of quarry:								
Falls or slides of rock or overburden	48	37	27	53	25.53	17.37	14.76	29.45
Rock while loading at working face		14	11	6		6.57	6.01	3.33
Timber or hand tools	(1)	4	3	.....	(1)	1.88	1.64	.....
Explosives	46	44	42	31	24.47	20.66	22.95	17.22
Haulage accidents	20	28	20	20	10.64	13.15	10.93	11.11
Falling into quarry from surface								

No. 153.—FATALITIES IN METAL MINES: By States, Calendar Year 1911 to 1914.

[Source: Bureau of Mines, Department of the Interior.]

State.	1911	1912	1913	1914	State.	1911	1912	1913	1914
Alabama	10	33	22	25	New Jersey	23	13	8	4
Alaska	.....	21	25	19	New Mexico	11	13	28	5
Arizona	70	67	86	63	New York	10	17	14	11
Arkansas, Louisiana, and West Virginia	3	1	1	1	North Carolina	4	1	4	8
California	38	40	52	41	Ohio	.....	1	.....	.....
Colorado	43	48	44	47	Oklahoma	.....	2	1	3
Florida	9	6	14	10	Oregon	2	1	3	1
Georgia	2	.....	1	1	Pennsylvania	1	2	.....	.....
Idaho	23	29	24	25	South Dakota	8	6	8	4
Illinois	1	1	1	.....	Tennessee	10	12	10	18
Iowa	1	.....	.....	.....	Texas	.....	.....	1	.....
Kansas	2	2	4	1	Utah	49	41	36	29
Kentucky	3	1	.....	2	Vermont	.....	2	1	.....
Michigan	134	96	82	99	Virginia	6	4	12	2
Minnesota	76	50	63	43	Washington	3	4	4	.....
Missouri	38	36	34	25	Wisconsin	3	22	11	11
Montana	62	50	64	39	Wyoming	.....	4	.....	.....
Nevada	50	34	25	22	Total	695	661	683	559
New Hampshire	.....	1	.....	.....					

No. 154.—ACCIDENTS AT SMELTING PLANTS:[1] Number Killed and Injured, by Causes and by States, Calendar Years 1913 and 1914.

[Source: Bureau of Mines, Department of the Interior.]

No. 155.—ACCIDENTS AT ORE-DRESSING PLANTS AND COKE OVENS: NUMBER KILLED AND INJURED, BY CAUSES AND BY STATES, CALENDAR YEARS 1913 AND 1914.

[Source: Bureau of Mines, Department of the Interior.]

ORE-DRESSING PLANTS.

Cause and State.	Killed.		Seriously injured.		Slightly injured.	
	1913	1914	1913	1914	1913	1914
Cause:						
Haulage system (cars, motors, etc.)	1	.....	19	19	79	60
Railway cars or locomotives	1	3	10	3	24	35
Crushers	.....	.....	6	6	27	17
Rolls or stamps	.....	2	7	8	24	33
Tables, jigs, etc	.....	.....	14	10	51	36
Other machinery	2	6	61	41	158	129
Falls of persons	3	3	51	34	187	171

No. 156.—PATENTS: COMPARATIVE STATEMENT OF THE BUSINESS OF THE UNITED STATES PATENT OFFICE, 1895 TO 1915.

[Source: Reports of the Commissioner of Patents, Department of the Interior.]

Calendar year.	Applications.	Caveats filed.	Patents and reissues.	Cash received.	Cash expended.	Surplus.
				Dollars.	*Dollars.*	*Dollars.*
1895	40,680	2,415	22,057	1,245,246.93	1,106,389.49	138,857.44
1896	43,982	2,271	23,373	1,324,059.83	1,113,413.71	210,646.12
1897	47,905	2,176	23,794	1,375,641.72	1,122,843.13	252,798.59
1898	35,842	1,659	22,267	1,137,734.48	1,136,196.20	1,538.28
1899	41,443	1,716	25,527	1,325,457.03	1,211,783.73	113,673.30
1900	41,980	1,731	26,499	1,350,828.53	1,260,019.62	90,808.91
1901	46,449	1,842	27,373	1,449,398.16	1,297,385.64	152,012.52
1902	49,641	1,851	27,886	1,552,859.08	1,393,345.54	159,513.54
1903	50,213	1,771	31,699	1,642,201.81	1,448,645.81	193,556.00
1904	52,143	1,808	30,934	1,657,326.53	1,476,000.38	181,326.15
1905	54,971	1,896	30,399	1,806,758.14	1,479,633.22	327,124.92
1906	56,482	1,885	31,965	1,790,921.33	1,554,891.20	236,030.18
1907	58,762	1,967	36,620	1,910,618.14	1,631,458.36	279,159.78
1908	61,475	2,110	33,682	1,896,847.67	1,712,303.42	184,544.25
1909	65,839	1,948	37,421	2,042,828.14	1,955,151.14	87,677.00
1910	64,629	970	35,930	2,025,536.69	2,005,711.94	19,824.75
1911	67,370	(1)	34,084	2,019,388.03	1,953,689.91	65,698.12
1912	70,976	.....	37,731	2,101,199.90	2,022,066.11	79,133.79
1913	70,367	.....	35,788	2,084,417.79	1,947,383.28	137,034.51
1914	70,404	.....	41,850	2,251,892.82	2,000,770.12	251,122.70
1915	70,069	.....	44,934	2,290,773.47	2,053,442.15	237,331.32

[1] No caveats filed after June 30, 1910; law repealed.

No. 157.—PATENTS AND TRADE-MARKS: NUMBER OF PATENTS, TRADE-MARKS, AND LABELS ISSUED, 1895 TO 1916.

[Source: Reports of the Commissioner of Patents, Department of the Interior.]

Calendar year.	Number of first patent and certificate issued in each calendar year.					Number of patents and certificates of registration issued during each calendar year.						
	Patent.	Design.	Reissue.	Trade-mark.	Label.	Patents.	Designs.	Reissues.	Total patents.	Trade-marks.	Labels.[1]	Total certificates.
1895	531619	23922	11461	25757	.....	20,833	1,115	59	22,057	1,829	3	1,882
1896	552502	25037	11520	27586	6546	21,867	1,445	61	23,273	1,813	33	1,846
1897	574369	26482	11581	29399	6547	22,098	1,631	65	23,794	1,671	30	1,701
1898	596467	28113	11646	31070	6561	20,404	1,803	60	22,267	1,238	235	1,473
1899	616871	29916	11706	32308	6761	23,296	2,139	92	25,527	1,649	611	2,260
1900	640167	32055	11798	33957	7272	24,660	1,758	81	26,499	1,721	830	2,551
1901	664827	33813	11879	35678	8009	25,558	1,734	81	27,373	1,928	1,037	2,965
1902	690385	35547	11960	37606	8887	27,136	640	110	27,886	2,006	925	2,931
1903	717521	36187	12070	39612	9654	31,046	536	117	31,699	2,186	1,260	3,446
1904	748567	36723	12189	41798	10644	30,267	557	110	30,934	2,158	1,411	3,569
1905	778884	37280	12299	43956	11758	29,784	486	129	30,399	4,490	1,189	5,679
1906	808618	37766	12428	48446	12588	31,181	625	159	31,965	10,568	1,365	11,933
1907	839799	38391	12587	59014	13297	35,880	589	151	36,620	7,878	982	8,860
1908	875679	38980	12738	66892	13964	32,757	757	168	33,682	5,191	838	6,029
1909	908436	39737	12906	72083	14582	36,574	687	160	37,421	4,184	640	4,824
1910	945010	40424	13066	76267	15074	35,168	639	123	35,930	4,239	490	4,729
1911	980178	41063	13189	80506	15444	32,917	1,010	157	34,084	4,205	907	5,112
1912	1013095	42073	13346	84711	16103	36,231	1,342	158	37,731	5,020	991	6,011
1913	1049326	43415	13504	89731	16736	33,941	1,683	164	35,788	5,065	708	[2]6,063
1914	1083267	45098	13668	94796	17444	39,945	1,715	190	41,850	6,817	719	7,874
1915	1123212	46813	13858	101613	18163	43,207	1,545	182	44,934	6,262	803	7,436
1916	1166419	48358	14040	107875	18966	.....	.....	.....	.....	.....	.....	.....

[1] Registration of labels practically suspended May 27, 1891, under decision of United States Supreme Court. Resumed June 9, 1896.
[2] Including "Prints" after 1912.

OCCUPATIONS, LABOR, AND WAGES.

No. 158.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Occupation.	Male.	Female.	Total.
Agriculture, forestry, and animal husbandry:			
Dairy farmers	59,240	2,576	61,816
Dairy farm laborers	32,237	2,777	35,014
Farmers [1]	5,607,297	257,706	5,865,003
Farm laborers—			
Farm laborers (home farm)	2,133,949	1,176,585	3,310,534
Farm laborers (working out)	2,299,444	337,522	2,636,966
Turpentine farm laborers	27,241	316	27,557
Total	4,460,634	1,514,423	5,975,057
Farm, dairy farm, garden, orchard, etc., foremen—			
Dairy farm foremen	1,001	85	1,086
Farm foremen [2]	34,915	7,505	42,420
Garden and greenhouse foremen	1,223	88	1,311
Orchard, nursery, etc., foremen	2,687	87	2,774
Total	39,826	7,765	47,591
Fishermen and oystermen	67,799	476	68,275
Foresters	4,332	.....	4,332
Gardeners, florists, fruit growers, and nurserymen—			
Florists	7,977	1,051	9,028
Fruit growers and nurserymen	44,186	2,355	46,541
Gardeners	75,481	4,413	79,894
Landscape gardeners	3,777	15	3,792
Total	131,421	7,834	139,255
Garden, greenhouse, orchard, and nursery laborers—			
Cranberry-bog laborers	1,316	68	1,384

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Extraction of minerals—Continued.			
Coal-mine operatives	613,519	405	613,924
Copper-mine operatives	39,251	19	39,270
Gold and silver mine operatives	55,397	39	55,436
Iron-mine operatives	49,564	39	49,603
Operatives in other and not specified mines—			
Lead and zinc mine operatives	19,471	15	19,486
All other mine operatives	27,698	68	27,766
Total	47,169	83	47,252
Quarry operatives	80,795	45	80,840
Oil, gas, and salt well operatives—			
Oil and gas well operatives	25,548	14	25,562
Salt well and works operatives	4,032	333	4,365
Total	29,580	347	29,927
Total extraction of minerals	963,730	1,094	964,824
Manufacturing and mechanical industries:			
Apprentices—			
Apprentices to building and hand trades	27,999	32	28,031
Dressmakers' and milliners' apprentices	31	11,980	12,011
Other apprentices	75,339	3,583	78,922
Total	103,369	15,595	118,964
Bakers	84,752	4,779	89,531
Blacksmiths, forgemen, and hammermen—			
Blacksmiths	232,957	31	232,988
Forgemen, hammermen, and welders	7,531	.....	7,531
Total	240,488	31	240,519
Boilermakers	44,761	.....	44,761
Brick and stone masons	169,387	15	169,402
Builders and building contractors	173,573	849	174,422
Butchers and dressers (slaughterhouse)	16,349	2	16,351
Cabinetmakers	41,884	8	41,892
Carpenters	817,082	38	817,120
Compositors, linotypers, and typesetters	113,538	14,051	127,589
Coopers	25,292	7	25,299
Dressmakers and seamstresses (not in factory)	1,582	447,760	449,342
Dyers	13,396	654	14,050
Electricians and electrical engineers	135,427	92	135,519
Electrotypers, stereotypers, and lithographers—			
Electrotypers and stereotypers	4,268	100	4,368
Lithographers	7,661	477	8,138
Total	11,929	577	12,506
Engineers (mechanical)	14,514	.....	14,514
Engineers (stationary)	231,031	10	231,041
Engravers	13,429	538	13,967
Filers, grinders, buffers, and polishers (metal)—			
Buffers and polishers	28,191	2,305	30,496
Filers	10,069	167	10,236
Grinders	8,419	374	8,793
Total	46,679	2,846	49,525
Firemen (except locomotive and fire department)	111,248	.....	111,248
Foremen and overseers (manufacturing)	155,358	19,740	175,098
Furnacemen, smeltermen, heaters, pourers, etc.—			
Furnacemen and smeltermen	19,719	16	19,735
Heaters	10,111	9	10,120
Ladlers and pourers	679	.....	679
Puddlers	5,717	.....	5,717
Total	36,226	25	36,251
Glassblowers	15,474	90	15,564

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Jewelers, watchmakers, goldsmiths, and silversmiths—			
Goldsmiths and silversmiths	5,553	204	5,757
Jewelers and lapidaries (factory)	8,783	1,848	10,631
Jewelers and watchmakers (not in factory)	15,701	485	16,186
Total	30,037	2,537	32,574
Laborers (not otherwise specified)—			
Building and hand trades—			
General and not specified laborers	853,679	15,799	869,478
Helpers in building and hand trades	65,352	79	65,431
Total	919,031	15,878	934,909
Chemical industries—			
Fertilizer factories	9,757	90	9,847
Paint factories	2,842	117	2,959
Powder, cartridge, fireworks, etc., factories	3,947	330	4,277
Other chemical factories	23,165	1,493	24,658
Total	39,711	2,030	41,741
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories	77,333	621	77,954
Glass factories	23,686	948	24,634
Lime, cement, and gypsum factories	35,931	152	36,083
Marble and stone yards	6,847	68	6,915
Potteries	8,641	599	9,240
Total	152,438	2,388	154,826
Iron and steel industries—			
Automobile factories	15,644	139	15,783
Blast furnaces and rolling mills [1]	201,030	1,362	202,392
Car and railroad shops	48,114	228	48,342
Wagon and carriage factories	12,232	159	12,391
Other iron and steel works	199,781	4,252	204,033
Total	476,801	6,140	482,941
Other metal industries—			
Brass mills	10,606	279	10,885
Copper factories	11,532	54	11,586
Lead and zinc factories	7,871	74	7,945
Tinware and enamel-ware factories	6,709	878	7,587
Other metal factories	5,416	1,354	6,770
Total	42,134	2,639	44,773
Lumber and furniture industries—			
Furniture, piano, and organ factories	27,188	889	28,077
Saw and planing mills	258,361	1,781	260,142
Other woodworking factories	27,679	1,346	29,025
Total	313,228	4,016	317,244
Textile industries—			
Cotton mills	32,037	5,767	37,804
Silk mills	2,686	1,112	3,798
Woolen and worsted mills	10,245	2,045	12,290
Other textile mills	26,139	7,115	33,254
Total	71,107	16,039	87,146
Other industries—			
Charcoal and coke works	11,431	15	11,446
Cigar and tobacco factories	11,436	4,956	16,392
Clothing industries	5,424	4,816	10,240
Electric light and power plants	8,011	165	8,176
Electrical supply factories	10,053	1,381	11,434
Food industries—			
Bakeries	3,755	755	4,510
Butter and cheese factories	4,688	128	4,816
Fish curing and packing	4,637	233	4,870
Flour and grain mills	9,152	91	9,243
Fruit and vegetable canning, etc	3,683	987	4,670
Slaughter and packing houses	32,471	1,432	33,903
Sugar factories and refineries	8,647	108	8,755
Other food factories	8,658	2,590	11,248

[1] Includes tin-plate mills.

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Laborers (not otherwise specified)—Continued.			
Other industries—Continued.			
Gas works	16,534	15	16,549
Liquor and beverage industries	18,294	563	18,857
Oil refineries	11,151	64	11,215
Paper and pulp mills	29,959	1,429	31,388
Printing and publishing	5,217	1,824	7,041
Rubber factories	12,224	1,322	13,546
Shoe factories	7,952	2,325	10,277
Tanneries	20,491	307	20,798
Turpentine distilleries	6,354	51	6,405
Other factories	136,675	13,672	150,347
Total	386,897	39,229	426,126
Total laborers (not otherwise specified)	2,401,347	88,359	2,489,706
Loom fixers	13,254	.....	13,254
Machinists, millwrights, and tool makers—			
Machinists and millwrights	478,713	73	478,786
Tool makers, and die setters and sinkers	9,243	20	9,263
Total	487,956	93	488,049
Managers and superintendents (manufacturing)	102,748	1,462	104,210
Manufacturers and officials—			
Manufacturers	230,809	4,298	235,107
Officials	21,083	401	21,484
Total	251,892	4,699	256,591
Mechanics (not otherwise specified)—			
Gunsmiths, locksmiths, and bell hangers	3,248	3	3,251
Wheelwrights	3,732	.....	3,732
Other mechanics	27,765	39	27,804
Total	34,745	42	34,787
Millers (grain, flour, feed, etc.)	23,093	59	23,152
Milliners and millinery dealers	5,459	122,447	127,906
Molders, founders, and casters (metal)—			
Brass molders, founders, and casters	6,509	3	6,512
[illegible]	112,070	52	112,122

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories	12,649	758	13,407
Glass factories	37,927	3,950	41,877
Lime, cement, and gypsum factories	8,417	129	8,546
Marble and stone yards	8,389	150	8,539
Potteries	11,785	4,474	16,259
Total	79,167	9,461	88,628
Clothing industries—			
Hat factories (felt)	22,377	4,198	26,575
Suit, coat, cloak, and overall factories	44,878	9,333	54,211
Other clothing factories	28,460	35,361	63,821
Total	95,715	48,892	144,607
Food industries—			
Bakeries	3,008	5,930	8,938
Butter and cheese factories	11,065	533	11,598
Candy factories	13,608	17,335	30,943
Flour and grain mills	3,750	242	3,992
Fruit and vegetable canning, etc	2,127	3,163	5,290
Slaughter and packing houses	7,121	2,327	9,448
Other food factories	11,633	6,992	18,625
Total	52,312	36,522	88,834
Harness and saddle industries	21,958	692	22,650
Iron and steel industries—			
Automobile factories	20,222	680	20,902
Blast furnaces and rolling mills [1]	67,746	2,384	70,130
Car and railroad shops [2]	47,405	279	47,684
Wagon and carriage factories	21,236	942	22,178
Other iron and steel works	188,662	18,757	207,419
Total	345,271	23,042	368,313
Other metal industries—			
Brass mills	14,350	2,535	16,885
Clock and watch factories	9,252	6,376	15,628
Gold and silver and jewelry factories	10,474	6,177	16,651
Lead and zinc factories	1,601	263	1,864
Tinware and enamel-ware factories	6,674	3,937	10,611
Other metal factories	6,553	1,558	8,111
Total	48,904	20,846	69,750
Liquor and beverage industries—			
Breweries	21,250	580	21,830
Distilleries	2,648	796	3,444
Other liquor and beverage factories	5,766	463	6,229
Total	29,664	1,839	31,503
Lumber and furniture industries—			
Furniture, piano, and organ factories	58,304	4,508	62,812
Saw and planing mills [3]	63,684	2,376	66,060
Other woodworking factories	32,304	6,314	38,618
Total	154,292	13,198	167,490
Paper and pulp industries	25,803	10,580	36,383
Printing and publishing	32,808	34,661	67,469
Shoe factories	121,744	59,266	181,010
Tanneries	31,713	1,840	33,553
Textile industries—			
Beamers, warpers, and slashers—			
Cotton mills	4,855	2,838	7,693
Silk mills	1,408	3,220	4,628
Woolen and worsted mills	2,059	511	2,570
Other textile mills	1,290	512	1,802
Total	9,612	7,081	16,693

[1] Includes tin-plate mills.
[2] Includes car repairers for street and steam railroads.
[3] Includes wooden-box factories.

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation	Male	Female	Total

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Stonecutters	35,726	5	35,731
Structural-iron workers (building)	11,427	.....	11,427
Tailors and tailoresses	163,795	40,813	204,608
Tinsmiths and coppersmiths—			
Coppersmiths	3,410	.....	3,410
Tinsmiths	56,399	24	56,423
Total	59,809	24	59,833
Upholsterers	18,928	1,293	20,221
Total manufacturing and mechanical industries	8,837,901	1,820,980	10,658,881
Transportation:			
Water transportation (selected occupations)—			
Boatmen, canalmen, and lock keepers	5,289	15	5,304
Captains, masters, mates, and pilots	24,242	.....	24,242
Longshoremen and stevedores	62,813	44	62,857
Sailors and deck hands	46,498	12	46,510
Total	138,842	71	138,913
Road and street transportation (selected occupations)—			
Carriage and hack drivers	35,339	37	35,376
Chauffeurs	45,752	33	45,785
Draymen, teamsters, and expressmen [1]	408,396	73	408,469
Foremen of livery and transfer companies	6,606	.....	6,606
Garage keepers and managers	5,256	23	5,279
Hostlers and stable hands	63,382	6	63,388
Livery-stable keepers and managers	34,612	183	34,795
Proprietors and managers of transfer companies	15,368	230	15,598
Total	614,711	585	615,296
Railroad transportation (selected occupations)—			
Baggagemen and freight agents—			
Baggagemen	12,273	.....	12,273
Freight agents	4,755	5	4,760
Total	17,028	5	17,033
Boiler washers and engine hostlers	10,409	.....	10,409
Brakemen	92,572	.....	92,572
Conductors (steam railroad)	65,604	.....	65,604
Conductors (street railroad)	56,932	.....	56,932
Foremen and overseers	69,693	240	69,933
Laborers—			
Steam railroad	539,920	3,248	543,168
Street railroad	27,602	205	27,807
Total	567,522	3,453	570,975
Locomotive engineers	96,229	.....	96,229
Locomotive firemen	76,381	.....	76,381
Motormen	59,005	.....	59,005
Officials and superintendents—			
Steam railroad	19,803	2	19,805
Street railroad	2,433	.....	2,433
Total	22,236	2	22,238
Switchmen, flagmen, and yardmen—			
Switchmen and flagmen (steam railroad)	73,367	52	73,419
Switchmen and flagmen (street railroad)	2,153	.....	2,153
Yardmen (steam railroad)	9,575	.....	9,575
Total	85,095	52	85,147
Ticket and station agents	22,930	1,208	24,138
Total, railroad transportation (selected occupations)	1,241,636	4,960	1,246,596

[1] Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

No. 158.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Transportation—Continued.			
Express, post, telegraph, and telephone (selected occupations)—			
Agents (express companies)	5,804	71	5,875
Express messengers and railway mail clerks—			
Express messengers	6,778	3	6,781
Railway mail clerks	15,240	.....	15,240
Total	22,018	3	22,021
Mail carriers	79,667	1,011	80,678
Telegraph and telephone linemen	28,347	3	28,350
Telegraph messengers	9,074	78	9,152
Telegraph operators	61,734	8,219	69,953
Telephone operators	9,631	88,262	97,893
Total express, post, telegraph, and telephone (selected occupations)	216,275	97,647	313,922
Other transportation pursuits—			
Foremen and overseers (not otherwise specified)—			
Road and street building and repairing	7,064	.....	7,064
Telegraph and telephone companies	3,439	404	3,843
Water transportation	3,016	.....	3,016
Other transportation	814	1	815
Total	14,333	405	14,738
Inspectors—			
Steam railroad	27,525	136	27,661
Street railroad	2,265	3	2,268
Other transportation	3,172	136	3,308
Total	32,962	275	33,237
Laborers (not otherwise specified)—			
Road and street building and repairing	180,468	.....	180,468
Street cleaning	9,946	.....	9,946
Other transportation	30,762	261	31,023
Total	221,176	261	221,437
Proprietors, officials, and managers (not otherwise specified)—			
Telegraph and telephone companies	8,680	1,409	10,089
Other transportation	4,731	19	4,750
Total	13,411	1,428	14,839
Other occupations (semiskilled)—			
Steam railroad	24,105	270	24,375
Street railroad	5,147	40	5,187
Other transportation	8,477	654	9,131
Total	37,729	964	38,693
Total transportation	2,531,075	106,596	2,637,671
Trade:			
Bankers, brokers, and money lenders—			
Bankers and bank officials	54,387	1,672	56,059
Commercial brokers and commission men	23,690	319	24,009
Loan brokers and loan company officials	1,989	122	2,111
Pawnbrokers	1,191	41	1,232
Stock brokers	13,522	207	13,729
Brokers not specified and promotors	8,391	273	8,664
Total	103,170	2,634	105,804
Clerks in stores[1]	275,589	111,594	387,183
Commercial travelers	161,027	2,593	163,620
Decorators, drapers, and window dressers	4,902	439	5,341
Deliverymen—			
Bakeries and laundries	24,012	18	24,030
Stores	205,457	132	205,589
Total	229,469	150	229,619

[1] Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Trade—Continued.			
Floorwalkers, foremen, and overseers—			
Floorwalkers and foremen in stores	14,900	3,046	17,946
Foremen warehouses, stockyards, etc	2,749	29	2,778
Total	17,649	3,075	20,724
Inspectors, gaugers, and samplers	11,685	1,761	13,446
Insurance agents and officials—			
Insurance agents	85,926	2,537	88,463
Officials of insurance companies	9,376	125	9,501
Total	95,302	2,662	97,964
Laborers in coal and lumber yards, warehouses, etc.—			
Coal yards	16,655	8	16,663
Elevators	6,335	11	6,346
Lumber yards	43,389	9	43,398
Stock yards	5,991	7	5,998
Warehouses	8,080	638	8,718
Total	80,450	673	81,123
Laborers, porters, and helpers in stores	98,169	4,164	102,333
Newsboys	29,435	273	29,708
Proprietors, officials, and managers (not otherwise specified)—			
Employment office keepers	1,540	720	2,260
Proprietors, etc., elevators	5,105	13	5,118
Proprietors, etc., warehouses	4,368	25	4,393
Other proprietors, officials, and managers	10,339	252	10,591
Total	21,352	1,010	22,362
Real estate agents and officials	122,935	2,927	125,862
Retail dealers	1,127,926	67,103	1,195,029
Salesmen and saleswomen—			
Auctioneers	3,985	5	3,990
Demonstrators	1,250	3,130	4,380
Sales agents	31,424	4,098	35,522
Salesmen and saleswomen (stores)[1]	626,751	250,487	877,238
Total	663,410	257,720	921,130
Undertakers	19,921	813	20,734
Wholesale dealers, importers, and exporters	50,123	925	51,048
Other pursuits (semiskilled)—			
Fruit graders and packers	2,677	2,038	4,715
Meat cutters	15,378	27	15,405
Other occupations	16,013	5,507	21,520
Total	34,068	7,572	41,640
Total trade	3,146,582	468,088	3,614,670
Public service (not elsewhere classified):			
Firemen (fire department)	35,606	.....	35,606
Guards, watchmen, and doorkeepers	78,168	103	78,271
Laborers (public service)—			
Garbage men and scavengers	4,227	.....	4,227
Other laborers	62,278	729	63,007
Total	66,505	729	67,234
Marshals, sheriffs, detectives, etc.—			
Detectives	6,162	187	6,349
Marshals and constables	9,071	2	9,073
Probation and truant officers	855	188	1,043
Sheriffs	7,131	3	7,134
Total	23,219	380	23,599
Officials and inspectors (city and county)—			
Officials and inspectors (city)	32,199	1,011	33,210
Officials and inspectors (county)	17,469	1,575	19,044
Total	49,668	2,586	52,254

[1] Many of the "salesmen and saleswomen" in stores evidently are "clerks."

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Public service (not elsewhere classified)—Continued.			
Officials and inspectors (State and United States)—			
Officials and inspectors (State)	6,662	540	7,202

No. 158.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Domestic and personal service—Continued.			
Billiard room, dance hall, skating rink, etc., keepers—			
Billiard and pool room keepers	13,700	159	13,859
Dance hall, skating rink, etc., keepers	2,243	659	2,902
Total	15,943	818	16,761
Boarding and lodging house keepers	23,052	142,400	165,452
Bootblacks	14,000	20	14,020
Charwomen and cleaners	7,195	26,839	34,034
Elevator tenders	25,010	25	25,035
Hotel keepers and managers	50,269	14,235	64,504
Housekeepers and stewards	15,940	173,333	189,273
Janitors and sextons	91,629	21,452	113,081
Laborers (domestic and professional service)	50,265	3,215	53,480
Launderers and laundresses (not in laundry)	13,693	520,004	533,697
Laundry operatives [1]	35,899	75,980	111,879
Laundry owners, officials, and managers [1]	17,057	986	18,043
Midwives and nurses (not trained)—			
Midwives	.....	6,205	6,205
Nurses (not trained)	15,926	110,912	126,838
Total	15,926	117,117	133,043
Porters (except in stores)	84,055	73	84,128
Restaurant, café, and lunch-room keepers	50,316	10,516	60,832
Saloon keepers	66,724	1,491	68,215
Servants—			
Bell boys, chore boys, etc	17,667	662	18,329
Chambermaids	187	39,602	39,789
Coachmen and footmen	25,667	.....	25,667
Cooks	117,004	333,436	450,440
Other servants	102,151	935,849	1,038,000
Total	262,676	1,309,549	1,572,225
Waiters	102,495	85,798	188,293
Other pursuits—			
Bathhouse keepers and attendants	3,125	1,470	4,595
Cemetery keepers	4,811	31	4,842
Cleaners and renovators (clothing, etc.)	12,215	2,645	14,860
Umbrella menders and scissors grinders	1,016	37	1,053
Other occupations	4,056	264	4,320
Total	25,223	4,447	29,670
Total domestic and personal service	1,241,328	2,530,846	3,772,174
Clerical occupations:			
Agents, canvassers, and collectors—			
Agents	48,495	2,290	50,785
Canvassers	13,980	4,615	18,595
Collectors	33,850	1,897	35,747
Total	96,325	8,802	105,127
Bookkeepers, cashiers, and accountants	299,545	187,155	486,700
Clerks (except clerks in stores)—			
Shipping clerks	78,192	2,161	80,353
Other clerks	519,641	120,504	640,145
Total	597,833	122,665	720,498
Messenger, bundle, and office boys [2]—			
Bundle and cash boys and girls	4,274	6,592	10,866
Messenger, errand, and office boys	92,474	4,695	97,169
Total	96,748	11,287	108,035
Stenographers and typewriters	53,378	263,315	316,693
Total clerical occupations	1,143,829	593,224	1,737,053
Grand total gainfully occupied	30,091,564	8,075,772	38,167,336
Total population 10 years of age and over (1910)	37,027,558	34,552,712	71,580,270

[1] Some owners of hand laundries are included with "laundry operatives."
[2] Except telegraph and telephone messengers.

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: BY SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	1900			1910		
	Male.	Female.	Total.	Male.	Female.	Total.
Alabama	563,170	200,009	763,188	683,194	314,330	997,524
Arizona	46,584	6,786	53,370	77,236	10,589	87,825
Arkansas	407,942	77,853	485,795	510,410	161,993	672,403
California	556,345	87,922	644,267	932,752	174,916	1,107,668
Colorado	190,297	27,966	218,263	285,083	53,641	338,724
Connecticut	296,971	88,639	385,610	370,481	119,981	490,462
Delaware	60,024	12,972	72,996	68,317	17,546	85,863
District of Columbia	85,780	41,161	126,941	105,044	52,921	157,965
Florida	163,989	37,581	201,570	248,926	73,161	322,087
Georgia	645,932	218,539	864,471	807,185	352,941	1,160,126
Idaho	58,167	4,516	62,683	118,050	13,038	131,088
Illinois	1,509,394	294,646	1,804,040	1,865,422	431,356	2,296,778
Indiana	782,237	116,716	898,953	880,979	155,731	1,036,710
Iowa	682,521	106,883	789,404	694,799	131,514	826,313
Kansas	452,169	55,571	507,740	540,639	80,694	621,333
Kentucky	646,909	105,622	752,531	719,369	147,611	866,980
Louisiana	405,182	130,911	536,093	501,574	177,609	679,183
Maine	224,847	51,930	276,777	242,175	63,282	305,457
Maryland	359,755	98,983	458,738	410,884	130,280	541,164
Massachusetts	879,374	329,033	1,208,407	1,086,767	444,301	1,531,068
Michigan	772,299	133,691	905,990	926,815	186,183	1,112,998
Minnesota	548,946	96,928	645,874	689,847	145,605	835,452
Mississippi	466,766	178,357	645,123	574,279	305,366	879,645
Missouri	966,866	154,526	1,121,392	1,076,772	211,564	1,288,336
Montana	104,990	9,809	114,799	159,896	18,851	178,747
Nebraska	327,354	46,616	373,970	377,811	63,303	441,114
Nevada	17,809	2,000	19,809	40,535	4,375	44,910
New Hampshire	136,961	41,758	178,719	143,363	48,340	191,703
New Jersey	603,237	154,522	757,759	834,795	239,565	1,074,360
New Mexico	59,710	6,310	66,020	106,418	15,079	121,497
New York	2,324,429	672,045	2,996,474	3,020,158	983,686	4,003,844
North Carolina	556,581	160,161	716,742	674,849	272,990	947,839
North Dakota	103,548	14,092	117,640	188,372	29,046	217,418
Ohio	1,299,881	246,071	1,545,952	1,572,343	346,712	1,919,055
Oklahoma	243,932	22,473	266,405	520,376	78,253	598,629
Oregon	151,200	18,437	169,637	264,691	40,473	305,164
Pennsylvania	2,017,052	431,537	2,448,589	2,525,245	605,436	3,130,681
Rhode Island	139,829	52,094	191,923	180,902	70,939	251,901
South Carolina	389,645	181,350	570,995	460,794	267,833	728,627
South Dakota	121,512	15,644	137,156	190,363	28,714	219,077
Tennessee	611,383	116,204	727,587	682,248	173,298	855,546
Texas	892,641	140,392	1,033,033	1,228,422	328,444	1,556,866
Utah	73,840	10,764	84,604	113,113	18,427	131,540
Vermont	112,181	22,752	134,933	115,781	28,308	144,089
Virginia	536,883	125,532	662,415	626,868	168,700	795,568
Washington	204,606	20,781	225,387	455,375	66,126	521,501
West Virginia	294,502	31,161	325,663	394,390	54,100	448,490
Wisconsin	616,391	116,147	732,538	729,804	162,608	892,412
Wyoming	41,264	3,004	44,268	67,593	6,013	73,606
Total	23,753,836	5,319,397	29,073,233	30,091,564	8,075,772	38,167,336
Geographic divisions.[1]						
New England	1,790,163	586,206	2,376,369	2,139,529	775,151	2,914,680
Middle Atlantic	4,944,718	1,258,104	6,202,822	6,380,198	1,828,687	8,208,885
East North Central	4,980,202	907,271	5,887,473	5,975,363	1,282,590	7,257,953
West North Central	3,202,916	490,260	3,693,176	3,758,603	690,440	4,449,043
South Atlantic	3,003,091	907,440	4,000,531	3,797,257	1,390,472	5,187,729
East South Central	2,288,237	600,192	2,888,429	2,659,090	940,605	3,599,695
West South Central	1,949,697	371,629	2,321,326	2,760,782	746,299	3,507,081
Mountain	592,661	71,155	663,816	967,924	140,013	1,107,937
Pacific	912,151	127,140	1,039,291	1,652,818	281,515	1,934,333

[1] For States included in each division, see note 5, p. 23.

No. 160.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1913 AND 1914, BY STATES.

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1913			1914		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama	1,048	27,041	26	320	3,940	12
Arkansas	1,221	32,481	27	1,415	159,854	113
Colorado	7,324	552,082	75	4,418	1,090,025	247
Illinois	11,861	655,622	55	23,506	970,466	41
Indiana	2,657	44,143	17	8,052	302,855	38
Iowa	721	13,538	19	2,642	76,791	29
Kansas	3,178	28,936	9	2,673	45,257	17
Kentucky	1,029	18,638	18	2,250	82,919	37
Maryland	200	400	2	91	1,547	17
Michigan	180	1,260	7	.....	.....	.....
Missouri	918	31,251	34	1,162	56,536	49
Montana	1,094	6,682	6	171	1,271	7
New Mexico	8	1,040	130	.....	.....	.....
Ohio	10,029	263,234	26	40,577	6,452,762	159
Oklahoma	1,696	135,274	80	1,286	39,500	31
Oregon	.....	.....	.....	21	798	38
Pennsylvania	17,244	274,296	16	36,613	1,052,005	29
Tennessee	857	42,966	50	.....	.....	.....
Texas	.....	.....	.....	221	693	3
Utah	5	1,300	260	150	1,800	12
Washington	1,239	60,145	49	459	25,410	55
West Virginia	8,800	377,405	43	9,330	466,768	50
Wyoming	.....	.....	.....	248	2,727	11
Total bituminous	71,399	2,567,734	36	135,605	10,833,924	80
Pennsylvania anthracite	64,086	481,678	8	26,115	179,743	7

No. 161.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1903 TO 1914.

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Men on strike.	Working days lost.	Average days lost per man.	Year.	Men on strike.	Working days lost.	Average days lost per man.
1903[1]	47,481	1,341,031	28.0	1909[1]	24,763	723,634	29.0
1904	77,661	3,382,830	44.0	1910	218,493	19,250,524	88.0
1905	37,542	796,735	21.0	1911	41,413	983,737	24.0
1906	372,343	19,201,348	51.5	1912	311,056	12,527,305	40.0
1907[1]	32,540	462,392	14.0	1913	135,395	3,049,412	22.5
1908[1]	145,145	5,449,938	38.0	1914	161,720	11,013,667	68.0

[1] Bituminous mines only.

No. 162.—COAL MINES, ANTHRACITE AND BITUMINOUS: NUMBER OF MEN EMPLOYED, NUMBER OF DAYS WORKED, AND AVERAGE TONNAGE MINED PER MAN PER DAY AND PER CALENDAR YEAR, 1905 TO 1908 AND 1910 TO 1914.

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Anthracite.				Bituminous.			
	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.
1905	165,406	215	2.18	470	460,629	211	3.24	684
1906	162,355	195	2.25	439	478,425	213	3.36	717
1907	167,234	220	2.33	512	513,258	234	3.29	769
1908	174,174	200	2.39	478	516,264	193	3.34	644
1910	169,497	229	2.17	498	555,533	217	3.46	751
1911	172,585	246	2.13	524	549,750	211	3.50	738
1912	174,030	231	2.10	485	548,632	223	3.68	820
1913	175,745	257	2.02	520	571,899	232	3.61	837
1914	179,679	245	2.06	505	583,506	195	3.71	724

o. **163.**—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES.

the Bureau of the Census, Department of Commerce. The maximum month of employment for each industry is shown by black figures and the minimum month by italic figures.]

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
ients	50,551	51,540	53,673	54,759	53,165	50,990	48,727	45,027	*44,906*	46,484	49,477	52,410	**55,465**	81.0
d feathers and plumes	10,016	10,046	10,352	10,709	10,302	9,658	*8,421*	8,597	9,435	10,241	**10,957**	10,820	10,672	76.9
	9,957	*4,856*	5,221	7,115	10,445	12,037	12,748	12,759	**12,884**	12,785	11,426	9,613	7,607	37.7
	658	*612*	635	632	637	642	628	622	614	691	719	725	**752**	81.4
ling bodies and parts	75,721	*62,724*	66,806	71,142	73,752	75,481	76,176	76,549	78,468	77,445	77,280	82,956	**89,886**	69.8
sails	4,242	*3,160*	3,412	3,906	4,654	5,249	5,463	5,177	4,525	4,110	3,889	3,619	3,597	57.8
	176	171	179	172	171	174	*165*	169	175	**186**	180	179	181	88.7
older	897	*781*	844	806	845	820	926	893	911	962	989	957	**1,026**	76.1
per	7,968	*7,373*	7,515	7,626	7,640	7,543	7,503	7,974	8,310	8,528	8,553	**8,640**	8,395	85.3
	3,212	3,157	3,215	3,230	3,135	*3,110*	3,132	3,147	3,234	3,278	3,279	**3,328**	3,294	93.4
l yeast	2,155	2,154	2,153	2,140	2,080	2,115	2,165	2,072	*2,040*	2,201	2,226	2,243	**2,267**	90.0
and willow ware	4,664	*3,981*	4,448	4,703	5,146	**5,294**	5,279	5,071	4,957	4,697	4,197	4,042	4,176	75.2
	7,204	6,465	*2,206*	2,750	3,057	3,432	3,943	4,505	6,045	7,215	15,815	**16,807**	14,233	13.1
ather	3,006	2,980	2,952	2,943	2,877	*2,863*	2,889	2,915	3,052	3,092	3,106	3,184	**3,210**	89.2
oven and rubber	6,319	6,118	6,264	6,240	6,235	6,133	6,119	*6,104*	6,319	6,353	6,466	6,668	**6,798**	89.8
les, and parts	4,437	*3,991*	4,134	4,428	4,638	4,868	**4,996**	4,318	4,223	4,214	4,245	4,465	4,738	79.9
naterials	1,495	1,500	1,496	1,507	**1,547**	1,538	1,522	1,445	*1,394*	1,470	1,456	1,530	1,521	90.1
ing and polishing prepara-	2,417	*2,212*	2,295	2,382	2,419	2,468	2,460	2,379	2,385	2,461	2,545	**2,578**	2,447	85.8
	313	*289*	290	314	307	320	314	306	308	318	**331**	327	310	87.3
ampblack	228	219	*215*	*215*	225	228	231	228	233	234	**243**	235	237	88.5
cluding cut stock and find-	198,297	199,019	202,095	199,778	192,507	*190,382*	192,119	195,929	200,184	199,572	199,556	200,977	**207,452**	91.8
bber	17,612	16,921	*16,551*	17,433	17,510	17,601	17,868	17,670	16,687	17,965	18,386	**18,528**	18,223	89.3
	6,115	6,091	6,071	5,971	*5,915*	5,916	5,957	5,968	6,057	6,156	6,333	6,434	**6,473**	91.4
per	39,514	*37,864*	37,888	38,669	38,596	38,264	38,108	37,884	38,442	40,157	42,126	**43,123**	43,039	87.8
oducts	40,618	*37,948*	38,496	38,657	38,348	38,565	38,957	39,808	40,930	42,081	43,541	44,431	**45,615**	83.2
kery products	100,216	*96,639*	96,916	98,023	98,222	98,857	100,310	101,652	101,839	102,525	**102,770**	102,511	102,342	94.0
	76,528	*38,312*	38,703	51,316	77,878	96,992	103,017	**104,930**	102,001	98,704	84,514	66,653	55,300	36.5
	5,199	5,322	5,372	5,313	5,231	5,073	5,035	*4,778*	4,913	5,172	5,305	5,431	**5,454**	87.6
	6,954	6,890	6,989	7,014	6,941	6,938	6,742	*6,510*	6,646	6,903	7,190	**7,360**	7,338	88.5
condensed milk	18,431	*15,121*	15,239	15,978	18,059	20,262	21,313	**21,392**	20,934	20,065	18,902	17,571	16,343	70.7
	295	301	277	*268*	277	285	282	303	305	**316**	313	305	292	84.8
	16,427	*15,562*	16,042	16,356	16,281	16,320	16,400	15,968	16,022	16,478	17,108	17,149	**17,641**	87.1
	15	15	15	15	15	15	15	*13*	*13*	14	15	15	**17**	76.5
	539	540	554	546	536	512	511	*460*	496	523	579	583	**605**	76.0

No. 163.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Canning and preserving	59,968	*19,998*	21,268	23,015	28,390	31,139	45,270	68,516	127,741	154,800	105,257	59,727	34,536	12.9
Card cutting and designing	525	534	539	539	530	522	508	*506*	519	533	520	525	543	93.2
Carpets and rugs, other than rag	33,307	33,312	33,603	33,313	*33,719*	32,835	33,186	33,297	33,387	33,462	33,082	33,397	34,097	96.0
Carpets, rag	1,982	*1,643*	1,663	1,863	2,045	2,168	2,183	2,120	2,053	2,058	2,048	2,000	1,949	75.3
Carriages and sleds, children's	5,300	5,637	5,971	5,683	5,540	5,309	4,836	*4,553*	4,627	5,066	5,258	5,366	5,750	76.3
Carriages and wagons, and materials	69,928	*66,567*	69,390	71,775	72,892	73,240	72,171	69,618	68,326	67,894	67,949	68,857	70,427	90.9
Cars and general shop construction and repairs by steam-railroad companies	282,174	278,795	273,678	273,622	269,502	*268,700*	272,165	276,061	284,253	292,042	296,302	299,381	301,538	89.1
Cars and general shop construction and repairs by street-railroad companies	22,418	*21,922*	22,005	22,169	22,198	22,280	22,325	22,273	22,411	22,857	22,869	22,825	22,898	95.7
Cars, steam-railroad, not including operations of railroad companies	43,086	43,218	40,817	38,290	38,370	*34,425*	38,979	38,531	37,363	45,329	48,368	55,166	58,183	59.2
Cars, street-railroad, not including operations of railroad companies	3,583	3,113	*3,106*	3,415	3,704	3,878	4,031	3,444	3,600	3,354	3,495	3,858	4,002	77.1
Cash registers and calculating machines	7,465	*6,640*	7,129	7,418	7,520	7,562	7,556	7,545	7,417	7,406	7,559	7,780	8,062	82.4
Cement	26,775	*21,167*	22,119	24,058	25,983	27,337	27,786	28,474	28,052	29,782	29,970	29,044	27,529	70.6
Charcoal	631	622	634	613	627	614	606	*479*	534	683	718	707	730	65.6
Chemicals	23,714	*22,609*	22,772	22,968	23,241	23,661	23,782	23,747	23,540	23,943	24,355	24,873	25,073	90.2
China decorating	328	316	321	332	342	329	342	312	*298*	320	345	334	342	86.4
Chocolate and cocoa products	2,826	2,924	2,961	2,924	2,865	2,796	2,667	2,304	*2,268*	2,893	3,094	*3,094*	3,133	72.4
Clocks and watches, including cases and materials	23,857	23,984	23,881	23,891	23,921	23,762	23,640	*18,325*	23,948	24,678	25,151	25,588	25,525	71.6
Cloth, sponging and refinishing	975	*925*	933	943	961	974	992	977	977	997	1,006	1,013	1,001	91.3
Clothing, horse	1,648	1,664	1,661	1,686	1,665	1,646	1,604	1,549	*1,522*	1,545	1,673	1,751	1,799	84.6
Clothing, men's, buttonholes	830	829	819	811	811	*794*	797	817	841	852	862	868	860	91.5
Clothing, men's, including shirts	239,696	*230,650*	235,015	238,738	235,435	238,060	239,941	236,846	237,758	241,225	244,127	247,169	251,349	91.8
Clothing, women's	153,743	147,075	160,066	165,960	158,188	146,342	138,548	*135,034*	148,121	163,278	167,525	161,975	152,801	80.6
Coffee and spice, roasting and grinding	7,490	*7,309*	7,341	7,472	7,371	7,354	7,408	7,370	7,410	7,711	7,800	7,752	7,579	93.7
Coffins, burial cases, and undertakers' goods	9,339	9,421	9,524	9,564	9,476	9,421	9,263	*8,905*	9,113	9,275	9,328	9,368	9,394	93.1
Coke	29,273	27,668	27,121	27,003	*26,461*	27,022	28,301	29,106	29,475	30,852	32,300	32,789	33,094	80.0
Confectionery	44,638	40,020	41,003	41,504	40,849	41,046	40,853	*39,979*	42,531	48,608	53,109	53,904	52,226	74.2
Cooperage and wooden goods, not elsewhere specified	26,269	25,739	26,062	26,269	25,618	25,836	25,596	*25,159*	25,386	26,669	27,869	27,447	27,563	90.3
Copper, tin, and sheet-iron products	73,615	*64,128*	66,244	69,293	70,780	72,535	74,593	74,854	77,614	79,129	78,305	78,635	77,230	81.0
Cordage and twine and jute and linen goods	25,820	26,337	26,594	26,698	26,449	26,084	25,688	25,712	25,220	25,703	25,539	*24,813*	25,522	91.1
Cordials and sirups	1,095	*804*	888	950	1,015	1,179	1,450	1,423	1,146	1,101	1,169	998	1,025	55.4
Cork, cutting	3,142	*2,756*	2,804	2,841	2,979	3,163	3,279	3,236	3,358	3,388	3,322	3,354	3,258	81.3
Corsets	17,564	*16,847*	17,206	17,616	17,585	17,370	17,221	17,224	17,355	17,860	18,254	18,167	18,065	92.3

otton goods, including cotton small wares	378,880	374,453	376,348	377,962	377,521	377,487	377,862	378,700	378,920	380,363	381,225	382,232	383,529	97.6
ucibles	335	350	328	313	313	310	327	342	339	347	337	340	360	86.1
tlery and tools, not elsewhere specified	32,996	32,245	32,188	32,596	32,494	32,499	32,643	31,655	32,639	32,964	33,901	34,559	35,586	89.0
airymen's, poulterers', and apiarists' supplies	4,871	5,039	5,491	5,748	5,683	5,213	4,748	4,389	4,266	4,182	4,365	4,476	4,835	72.8
entists' materials	1,573	1,558	1,558	1,565	1,577	1,571	1,559	1,540	1,536	1,577	1,592	1,611	1,638	93.8
rug grinding	922	916	779	955	926	954	956	957	917	912	944	937	916	81.4
veing and finishing textiles	44,046	43,715	44,299	44,863	44,635	43,840	43,405	43,212	43,447	44,171	44,031	44,797	44,157	96.3
vestuffs and extracts	2,397	2,293	2,351	2,351	2,436	2,344	2,399	2,432	2,478	2,453	2,324	2,450	2,439	92.5
ectrical machinery, apparatus, and supplies	87,256	77,444	79,193	80,779	81,699	83,229	85,117	86,080	88,133	91,822	95,496	99,239	98,868	78.0
ectroplating	2,717	2,644	2,642	2,704	2,710	2,670	2,624	2,575	2,595	2,789	2,882	2,890	2,871	89.1
nery and other abrasive wheels	1,943	1,729	1,778	1,747	1,799	1,878	1,934	1,947	1,957	2,046	2,076	2,167	2,271	76.1
ameling and japanning	2,125	1,858	1,860	1,979	1,978	1,950	2,145	2,181	2,218	2,278	2,386	2,379	2,315	77.5
gravers' materials	129	126	125	112	127	121	131	131	130	134	139	143	140	78.3
graving and diesinking	1,308	1,270	1,285	1,294	1,291	1,323	1,281	1,259	1,275	1,307	1,343	1,372	1,408	89.4
graving, wood	318	315	315	312	310	309	320	325	321	327	318	312	330	93.6
plosives	6,274	5,813	5,737	5,771	5,504	5,893	6,138	6,407	6,548	6,680	6,799	6,899	7,106	77.5
ney articles, not elsewhere specified	12,191	10,997	11,436	11,739	11,345	11,617	11,605	12,287	12,416	13,045	13,794	13,123	12,883	79.7
rtilizers	18,310	17,076	24,196	29,310	23,198	16,737	14,506	14,264	15,514	18,163	16,232	15,095	15,425	48.7
es	4,158	4,102	4,123	4,119	4,127	4,071	4,093	4,156	4,112	4,166	4,212	4,301	4,329	94.0
earms and ammunition	14,715	14,807	14,936	14,810	14,965	14,680	14,496	14,447	14,622	14,883	14,848	14,650	14,411	96.3
e extinguishers, chemical	195	177	185	194	191	194	196	200	207	200	194	194	195	85.5
eworks	1,403	1,452	1,527	1,529	1,591	1,662	1,575	898	1,195	1,389	1,386	1,332	1,296	54.0
gs, banners, regalia, society badges, and emblems	3,572	3,343	3,418	3,522	3,652	3,805	3,873	3,635	3,410	3,598	3,557	3,578	3,483	86.3
voring extracts	1,229	1,118	1,145	1,195	1,227	1,270	1,281	1,285	1,255	1,254	1,250	1,237	1,250	87.0
ax and hemp, dressed	164	179	229	210	213	169	139	87	77	118	164	205	183	33.6
our-mill and gristmill products	39,453	39,120	39,281	39,154	37,776	37,466	36,911	38,021	39,629	40,887	41,702	41,898	41,600	88.1
od preparations	14,968	14,098	14,228	14,298	13,651	13,581	13,570	13,553	15,219	17,021	17,257	16,946	16,192	78.5
undry and machine-shop products	531,011	482,080	487,968	496,637	499,025	505,294	518,644	526,082	541,596	559,069	573,886	584,745	597,234	80.7
undry supplies	464	406	447	447	448	443	431	464	446	489	502	501	549	74.0
el, manufactured	88	94	92	85	75	70	59	72	75	83	98	121	132	44.7
r goods	11,927	9,747	9,464	9,588	9,866	10,415	10,975	11,673	12,797	14,165	14,987	15,202	14,220	62.2
rnishing goods, men's	38,482	35,298	37,407	38,592	38,569	37,886	37,684	37,768	37,364	39,161	40,479	41,115	40,446	85.9
rniture and refrigerators	128,452	120,524	124,990	128,525	128,335	126,215	124,672	121,340	126,369	132,121	135,328	136,615	136,366	88.2
rs, dressed	1,241	1,163	1,380	1,396	1,408	1,404	1,322	1,232	1,175	1,148	1,114	1,103	1,053	74.8
lvanizing	1,447	1,169	1,291	1,311	1,423	1,474	1,561	1,475	1,587	1,543	1,568	1,475	1,482	73.7
s and electric fixtures and lamps and reflectors	18,861	17,691	17,804	18,181	18,593	17,923	17,986	17,743	18,379	19,373	20,457	21,000	21,198	83.5
s, illuminating and heating	37,215	33,115	32,562	34,314	37,422	39,456	40,412	40,225	38,486	37,800	38,065	37,566	37,122	80.6
ass	68,911	72,931	75,720	78,921	77,692	76,550	73,038	40,222	43,839	56,127	71,746	78,454	81,665	49.3
ass, cutting, staining, and ornamenting	9,362	9,064	9,301	9,424	9,326	9,080	9,018	8,552	9,229	9,601	9,915	9,912	9,932	86.1
oves and mittens, leather	11,354	10,659	10,985	11,145	11,139	11,188	11,333	11,299	11,372	11,590	11,583	11,961	12,007	88.8
ucose and starch	4,773	4,731	4,827	4,954	4,624	4,578	4,586	4,245	4,198	4,812	5,569	5,398	4,771	75.4
ue	3,265	3,593	3,570	3,620	3,517	3,394	3,117	2,829	2,810	2,949	3,169	3,304	3,325	77.6
ld and silver, leaf and foil	1,383	1,351	1,362	1,376	1,393	1,404	1,387	1,350	1,323	1,374	1,428	1,439	1,417	91.9
ld and silver, reducing and refining, not rom the ore	456	467	469	452	450	448	446	456	456	450	455	458	453	94.5
aphite and graphite refining	162	133	143	139	154	157	165	177	168	177	173	174	182	73.1
ease and tallow	4,357	4,208	4,073	4,107	4,156	4,274	4,370	4,414	4,521	4,535	4,575	4,510	4,555	89.0
ndstones	1,394	795	836	1,204	1,562	1,665	1,652	1,643	1,622	1,488	1,379	1,541	1,347	47.7
ircloth	538	506	544	547	539	537	540	536	554	545	537	532	536	91.3
irwork	3,534	3,297	3,344	3,381	3,419	3,418	3,441	3,338	3,534	3,748	3,868	3,901	3,740	84.5
nmocks	272	281	296	320	334	299	277	233	194	211	244	295	277	58.1

No. 163.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Hand stamps and stencils and brands	1,651	1,667	1,657	1,650	1,646	1,640	1,620	*1,565*	1,566	1,647	1,686	1,713	**1,738**	90.0
Hat and cap materials	2,367	2,435	2,409	2,378	2,299	*2,239*	2,252	2,284	2,312	2,416	2,416	2,452	**2,551**	87.4
Hats and caps, other than felt, straw, and wool	6,201	5,965	*5,934*	6,033	5,983	6,092	6,055	6,160	6,325	6,383	6,482	**6,533**	6,477	90.8
Hats, fur-felt	25,064	25,987	*19,894*	20,391	20,590	21,075	24,538	26,676	27,588	28,216	28,276	28,972	**29,062**	66.7
Hats, straw	8,814	10,850	11,371	**11,488**	11,332	9,387	6,553	*4,700*	6,232	7,973	8,271	7,998	9,609	40.9
Hones and whetstones	152	171	162	174	176	158	144	*99*	124	132	147	155	173	56.2
Horseshoes, not made in steel works or rolling mills	293	**365**	273	268	270	*260*	265	268	282	293	306	333	336	71.2
Hosiery and knit goods	129,275	*123,308*	125,181	128,052	129,317	129,270	128,899	127,845	128,231	130,329	132,997	**134,540**	133,340	91.7
House-furnishing goods, not elsewhere specified	4,907	*4,534*	4,606	4,673	4,707	4,650	4,750	4,874	5,002	5,202	5,247	**5,348**	5,282	84.8
Ice, manufactured	16,114	*9,847*	10,008	11,803	14,929	18,061	20,875	**22,872**	22,644	21,403	16,526	13,020	11,392	43.1
Ink, printing	1,121	*1,099*	1,100	1,110	1,133	1,103	1,115	1,115	**1,145**	1,137	1,125	1,131	1,141	96.0
Ink, writing	505	*382*	426	499	542	530	472	507	556	**579**	578	538	458	66.0
Instruments, professional and scientific	4,817	*4,500*	4,562	4,665	4,758	4,797	4,787	4,822	4,722	4,917	5,003	5,103	**5,167**	87.1
Iron and steel, blast furnaces	38,429	34,755	34,369	34,156	*33,458*	34,606	36,537	37,429	38,182	41,988	43,841	45,092	**46,727**	71.6
Iron and steel, steel works and rolling mills	240,076	216,349	215,650	*215,076*	217,307	218,424	235,533	234,151	242,077	258,925	269,255	274,525	**283,629**	75.8
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills	11,345	10,624	10,981	10,779	10,854	*10,590*	11,075	10,999	10,842	11,826	12,166	12,507	**12,908**	82.0
Iron and steel, doors and shutters	1,601	*1,379*	1,412	1,390	1,415	1,422	1,461	1,529	1,648	1,770	1,890	1,932	**1,950**	70.7
Iron and steel forgings	8,168	7,531	7,545	7,410	*7,405*	7,406	7,695	7,508	7,712	8,636	9,287	9,755	**10,147**	73.0
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills	2,765	*2,720*	2,745	2,761	2,752	2,760	2,748	2,760	2,775	2,743	2,762	2,820	**2,834**	96.0
Iron and steel pipe, wrought	6,817	5,769	6,109	*5,730*	5,834	6,110	6,455	6,821	7,416	7,618	7,833	8,044	**8,064**	71.1
Jewelry	30,347	30,156	29,445	29,134	*28,115*	28,609	28,728	28,129	29,309	31,747	33,259	33,716	**33,809**	83.2
Jewelry and instrument cases	2,070	1,943	1,960	1,979	1,999	1,969	1,969	*1,937*	1,999	2,154	2,242	**2,350**	2,338	82.4
Kaolin and ground earths	1,990	*1,812*	1,952	1,932	1,924	2,045	1,965	2,016	2,016	2,060	**2,089**	2,046	2,050	86.7
Labels and tags	2,313	*2,242*	2,323	2,306	2,252	2,277	2,251	2,258	2,270	2,349	2,378	**2,431**	2,423	92.2
Lapidary work	627	*591*	599	593	621	602	599	609	650	652	**675**	**675**	671	87.6
Lard, refined, not made in slaughtering and meat-packing establishments	399	425	407	398	385	405	399	392	375	380	*373*	405	**438**	85.2
Lasts	1,728	1,715	1,792	1,784	*1,650*	1,690	1,701	1,725	1,716	1,680	1,702	1,777	**1,817**	90.8
Lead, bar, pipe, and sheet	802	*745*	748	774	807	824	819	817	829	832	**840**	827	781	88.7
Leather goods	34,907	*33,342*	34,218	34,612	34,174	34,350	34,271	34,088	34,970	35,797	36,212	**36,633**	36,217	91.0
Leather, tanned, curried, and finished	62,202	62,063	62,373	61,726	60,095	*60,075*	60,559	61,039	61,166	62,049	63,383	65,174	**66,694**	90.1
Lime	13,897	*10,665*	11,072	13,074	14,447	14,795	14,541	14,552	15,264	**15,547**	15,157	14,522	13,086	68.6
Liquors, distilled	6,430	7,235	7,313	7,179	6,997	6,590	5,513	*5,232*	5,303	5,576	6,115	6,540	**7,554**	69.3
Liquors, malt	54,579	52,065	*51,790*	52,304	52,937	54,158	56,367	**58,925**	58,408	57,011	54,617	53,330	53,084	87.9

1,382	1,538	3,134	3,726	2,535	478	36.6
15,566	15,349	15,763	16,677	17,116	232	71.6
5,676	6,001	6,272	6,482	6,650	111	83.7
680,509	692,669	714,963	732,796	739,160	181	87.8
1,312	1,289	1,549	1,927	2,094	122	60.7
71,644	72,187	72,004	70,432	67,060	182	74.4
2,822	2,370	3,340	3,941	4,076	153	54.7
941	891	907	879	902	157	85.4
11,188	11,344	11,978	12,396	12,161	117	82.6
39,303	37,810	41,382	41,487	39,333	123	71.8
16,385	16,076	14,887	12,755	11,361	186	64.4
2,924	2,976	3,099	3,180	3,192	108	87.6
4,007	4,075	4,219	4,449	4,532	127	85.6
496	512	510	559	566	98	75.2
527	527	542	568	539	36	91.4
1,781	1,775	1,785	1,875	1,908	57	89.4
36,269	37,238	38,522	39,752	39,978	11	90.6
4,496	4,652	4,702	4,759	4,789	21	88.8
111	118	116	117	113	92	75.4
49	50	47	58	56	59	79.7
5,174	6,038	16,958	28,293	29,334	77	17.6
266	234	303	338	336	33	52.2
980	974	1,146	1,767	1,790	65	54.4
1,703	1,718	1,735	1,786	1,769	68	93.3
5,169	5,221	5,282	5,351	5,321	35	93.0
538	560	595	636	659	92	77.7
6,080	6,130	6,156	6,387	6,578	56	92.4
14,202	14,141	14,236	14,444	14,296	31	90.0
75,009	74,517	75,147	76,026	76,717	30	96.2
18,727	18,721	19,193	19,794	20,218	09	91.4
902	929	1,042	980	967	32	81.8
21,406	21,540	22,829	23,865	24,363	02	87.9
1,619	1,557	1,784	1,846	1,609	82	50.6
1,715	1,384	1,603	1,769	2,259	37	60.9
4,258	4,250	4,312	4,344	4,361	91	85.8
1,206	1,200	1,248	1,263	1,278	68	90.5
694	687	703	724	715	29	93.7
14,156	14,221	14,434	15,032	15,249	05	84.9
4,486	4,440	4,409	4,929	5,478	99	67.6
5,422	5,340	5,298	5,405	5,439	59	86.2
5,261	5,395	5,488	5,484	5,541	53	90.3
2,857	2,785	2,884	2,853	2,806	73	89.4
56,485	57,715	58,299	59,200	59,355	02	84.9
251,757	252,543	258,707	263,715	266,378	84	93.3
781	778	815	803	865	62	83.6
2,130	2,064	2,079	2,094	2,246	49	86.7
436	722	1,750	2,017	1,932	53	21.6

No. 163.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Roofing materials	2,465	*2,177*	2,204	2,342	2,465	2,494	2,408	2,424	2,465	2,694	**2,753**	2,635	2,522	79.1
Rubber goods, not elsewhere specified	26,521	*24,057*	24,640	25,481	26,294	26,061	26,003	26,302	26,826	27,209	27,712	28,566	**29,117**	82.6
Rules, ivory and wood	109	113	115	114	107	104	*100*	103	106	108	111	114	111	87.0
Safes and vaults	3,343	*3,201*	3,219	3,247	3,257	3,253	3,348	3,386	3,369	3,382	3,455	3,464	**3,528**	90.7
Salt	4,926	*4,540*	4,462	4,846	4,977	4,984	5,132	**5,229**	5,198	5,192	5,158	5,070	4,636	83.0
Sand and emery paper and cloth	611	690	688	**720**	631	581	567	528	*513*	545	573	619	669	71.2
Saws	4,832	*4,705*	4,777	4,799	4,753	4,707	4,719	4,810	4,795	4,848	4,881	5,062	**5,119**	91.9
Scales and balances	3,559	*3,260*	3,387	3,479	3,538	3,552	3,568	3,503	3,667	3,704	**3,715**	3,636	3,691	87.8
Screws, machine	1,667	*1,400*	1,432	1,534	1,531	1,558	1,607	1,668	1,715	1,826	1,871	1,920	**1,946**	71.9
Screws, wood	3,464	*3,216*	3,312	3,325	3,306	3,343	3,405	3,488	3,506	3,524	3,569	3,708	**3,871**	82.9
Sewing machines, cases, and attachments	19,296	18,612	18,696	19,007	19,267	19,405	19,439	*17,498*	19,654	19,699	19,890	20,132	**20,260**	86.4
Shipbuilding, including boat building	40,506	38,516	*37,565*	39,922	**42,256**	42,244	41,690	40,190	39,149	40,283	41,151	41,623	42,075	88.9
Shoddy	2,041	*1,980*	2,025	2,041	2,010	2,024	2,040	2,035	2,003	2,033	2,070	2,077	**2,155**	91.9
Show cases	3,390	*3,197*	3,276	3,364	3,354	3,334	3,331	3,339	3,357	3,471	3,533	3,551	**3,558**	89.9
Signs and advertising novelties	5,540	*4,958*	5,040	5,187	5,454	5,576	5,609	5,591	5,610	5,717	5,841	**5,969**	5,892	83.1
Silk and silk goods, including throwsters	99,037	97,170	99,473	**100,753**	100,314	99,212	97,782	*96,534*	98,351	99,528	99,629	99,409	100,294	95.8
Silverware and plated ware	16,610	14,965	15,531	15,867	15,952	15,983	16,214	*14,660*	16,782	17,802	18,720	**18,762**	18,085	48.5
Slaughtering and meat packing	89,728	94,752	92,266	87,958	*84,658*	84,676	86,761	86,619	86,391	89,416	92,564	94,527	**96,234**	87.9
Smelting and refining, copper	15,628	**16,031**	15,869	15,585	15,656	15,420	15,397	15,761	*14,889*	15,943	15,813	15,704	15,480	92.9
Smelting and refining, lead	7,424	7,651	**7,785**	7,751	7,671	7,100	7,468	7,415	*6,947*	7,476	7,121	7,260	7,451	89.2
Smelting and refining, zinc	6,655	6,684	6,339	6,252	6,513	6,597	6,591	6,736	*6,213*	6,825	6,968	6,983	**7,159**	86.8
Smelting and refining, not from the ore	2,147	1,975	2,183	2,281	2,033	2,192	2,036	1,960	*1,882*	2,077	2,314	2,402	**2,412**	78.0
Soap	12,999	*12,337*	12,671	12,885	12,843	12,476	12,653	13,001	13,105	13,250	13,475	13,649	**13,650**	90.4
Soda-water apparatus	1,797	1,578	1,681	1,884	2,017	**2,128**	1,979	1,708	*1,541*	1,714	1,758	1,777	1,794	72.4
Sporting and athletic goods	5,321	5,369	5,331	5,501	5,585	5,478	5,338	5,053	*4,694*	5,142	5,335	5,422	**5,604**	83.8
Springs, steel, car and carriage	3,196	*2,961*	3,170	3,156	2,987	3,010	3,025	3,209	3,199	3,075	3,343	3,507	**3,704**	79.9
Stationery goods, not elsewhere specified	6,206	*5,624*	5,827	6,130	6,248	6,208	6,230	6,232	6,314	6,429	**6,435**	6,397	6,388	87.4
Statuary and art goods	1,699	*1,534*	1,555	1,551	1,605	1,676	1,723	1,751	1,788	**1,829**	1,817	1,798	1,763	83.9
Steam packing	3,648	3,605	3,500	*3,312*	3,334	3,354	3,381	3,364	3,496	3,795	4,071	4,274	**4,284**	77.3
Stereotyping and electrotyping	2,850	2,797	2,817	2,850	2,856	2,838	2,821	2,802	*2,792*	2,873	2,920	**2,928**	2,923	95.4
Stoves and furnaces, including gas and oil stoves	37,130	*29,106*	35,121	37,307	37,790	37,788	37,422	35,784	37,741	38,834	**40,106**	39,960	38,595	72.6
Sugar and molasses	4,127	1,598	*559*	715	798	874	1,040	1,122	920	1,322	9,693	**15,761**	15,115	3.5
Sugar refining, not including beet sugar	9,399	*7,935*	8,653	9,890	9,652	9,492	9,926	9,952	9,613	9,680	9,341	9,588	9,048	79.7
Sulphuric, nitric, and mixed acids	2,252	2,227	2,191	2,212	*2,129*	2,279	2,246	2,300	2,213	2,291	**2,327**	2,288	2,315	91.5
Surgical appliances and artificial limbs	4,241	*4,016*	4,061	4,108	4,125	4,167	4,211	4,303	4,305	4,332	4,374	4,433	**4,453**	90.2
Tin plate and terneplate	5,352	4,924	5,187	5,215	5,568	5,621	**5,775**	*4,771*	5,079	5,215	5,494	5,692	5,686	82.6
Tinfoil	683	*647*	676	671	690	696	681	678	680	681	**710**	691	700	91.1
Tobacco manufactures	166,810	*161,563*	162,606	164,450	161,689	163,982	164,091	164,811	165,988	168,889	171,959	175,315	**176,369**	91.6

Toys and games	5,305	3,716	4,194	4,443	4,847	5,114	5,354	5,580	5,984	6,205	6,505	6,376	5,328	57.1
Turpentine and rosin	39,511	37,112	37,340	38,489	39,974	40,378	40,555	40,634	40,583	40,378	39,749	39,597	39,343	91.3
Type-founding and printing materials	2,026	1,848	1,850	1,946	1,958	2,009	2,076	2,053	1,980	2,039	2,159	2,177	2,195	84.2
Typewriters and supplies	9,578	9,479	9,733	10,037	10,117	9,888	9,487	8,281	7,624	9,845	10,069	10,188	10,184	74.8
Umbrellas and canes	5,472	5,132	5,375	5,449	5,347	5,241	5,080	5,111	5,409	5,663	5,932	6,019	5,904	84.4
Upholstering materials	4,067	3,868	3,940	4,012	4,050	4,052	4,103	3,963	4,002	4,059	4,228	4,249	4,291	90.1
Vault lights and ventilators	327	270	270	272	291	291	307	338	351	390	354	403	379	67.0
Vinegar and cider	1,542	921	891	886	889	888	922	1,057	1,159	2,130	3,464	3,453	1,852	25.6
Wall paper	4,037	4,395	4,392	4,337	4,126	3,810	3,546	3,484	2,828	3,904	4,414	4,535	4,661	60.7
Wall plaster	4,791	4,282	4,405	4,512	4,901	4,959	4,946	4,845	4,979	4,984	5,078	4,875	4,754	84.3
Washing machines and clothes wringers	1,835	1,729	1,784	1,862	1,873	1,874	1,867	1,665	1,828	1,883	1,904	1,865	1,879	87.4
Waste	1,897	1,860	1,914	1,949	1,867	1,890	1,878	1,892	1,875	1,835	1,915	1,915	1,951	94.1
Wheelbarrows	664	629	649	688	679	643	629	572	642	635	690	741	762	75.1
Whips	1,546	1,511	1,525	1,573	1,540	1,568	1,547	1,553	1,536	1,569	1,595	1,534	1,489	93.4
Windmills	2,337	1,981	2,193	2,296	2,362	2,384	2,476	2,459	2,498	2,502	2,386	2,270	2,226	79.2
Window shades and fixtures	3,930	4,073	4,033	4,055	3,958	3,933	3,915	3,625	3,803	3,813	3,992	3,980	3,989	89.0
Wire	18,084	17,763	18,147	17,604	17,131	17,432	17,862	17,864	17,673	18,206	18,580	19,091	19,641	87.2
Wirework, including wire rope and cable	12,348	11,571	11,979	12,153	12,251	12,257	12,218	11,911	12,163	12,488	12,871	13,095	13,229	87.5
Wood carpet	184	166	177	171	171	193	202	199	203	202	188	174	162	79.8
Wood distillation, not including turpentine and rosin	2,721	2,800	2,868	2,807	2,754	2,626	2,563	2,519	2,478	2,604	2,707	2,869	3,053	81.2
Wood preserving	2,403	2,075	2,198	2,214	2,312	2,297	2,572	2,696	2,616	2,592	2,545	2,435	2,280	77.0
Wood, turned and carved	14,139	14,324	14,486	14,567	14,139	13,760	13,865	13,557	13,374	13,757	14,152	14,729	14,964	89.4
Wool pulling	631	625	653	609	580	580	572	543	576	626	695	763	759	71.8
Wool scouring	1,142	975	943	923	938	1,051	1,136	1,128	1,193	1,293	1,332	1,378	1,434	64.3
Woolen, worsted, and felt goods, and wool hats	168,722	158,318	161,120	165,585	166,851	168,015	171,946	170,818	170,295	171,747	173,321	173,943	172,693	91.0
All other industries	96	68	77	100	115	98	86	103	98	116	85	102	96	58.6
Total	6,615,046	6,210,063	6,297,627	6,423,517	6,437,633	6,457,279	6,517,469	6,486,676	6,656,933	6,898,765	6,997,090	7,006,853	6,990,652	88.6

No. 164.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment is shown by black figures and the minimum month by italic figures.]

State.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Alabama	72,148	70,620	70,394	71,048	69,168	67,641	*67,561*	68,902	72,193	75,507	77,196	**77,854**	77,686	86.8
Arizona	6,441	6,093	6,024	*6,008*	6,048	6,439	6,869	**6,888**	6,845	6,640	6,634	6,452	6,360	87.2
Arkansas	44,982	*41,295*	41,500	42,845	42,391	41,416	42,384	44,840	47,500	49,582	**49,802**	48,550	47,683	82.9
California	115,296	94,747	*94,252*	100,372	108,427	115,839	119,911	124,886	131,202	**132,280**	129,864	121,486	110,281	71.3
Colorado	28,067	27,962	*25,181*	25,374	25,531	25,835	27,059	28,099	28,238	28,415	31,026	**32,050**	32,034	78.6
Connecticut	210,792	201,545	*199,325*	202,523	203,599	205,198	208,732	206,295	211,295	218,637	222,052	224,439	**225,862**	88.2
Delaware	21,238	19,220	19,470	*19,168*	19,366	19,237	20,480	19,572	24,331	**26,376**	23,623	21,557	22,452	72.7
District of Columbia	7,707	*7,421*	7,445	7,535	7,619	7,774	7,761	7,785	7,752	7,840	**7,949**	7,861	7,753	93.4
Florida	57,473	*56,016*	56,414	56,596	56,371	56,858	56,195	56,182	56,276	58,035	59,487	**60,661**	60,585	92.3
Georgia	104,588	103,477	107,544	108,271	102,881	*98,622*	99,445	99,518	102,577	106,033	107,837	109,012	**109,839**	89.8
Idaho	8,220	6,145	*6,033*	7,270	8,279	8,664	8,929	8,939	8,696	8,690	**9,525**	8,971	8,507	63.3
Illinois	465,764	*438,594*	442,881	452,563	455,145	454,965	459,375	454,410	460,414	481,796	493,928	496,452	**498,640**	88.0
Indiana	186,984	*172,475*	177,371	181,151	182,641	182,228	183,167	175,838	188,311	198,293	**201,481**	199,937	200,915	85.6
Iowa	61,635	*55,649*	56,081	57,912	60,328	61,440	62,581	62,215	66,408	**68,006**	64,097	62,895	62,018	81.8
Kansas	44,215	*41,337*	41,621	42,554	42,697	43,462	44,411	44,075	44,817	46,105	**46,679**	46,594	46,228	88.6
Kentucky	65,400	*61,119*	62,345	63,728	64,826	64,754	63,767	63,144	65,853	68,637	**69,476**	68,639	68,510	88.0
Louisiana	76,165	71,118	*69,620*	72,237	71,911	70,050	72,066	73,270	73,576	74,272	83,413	90,630	**91,814**	75.8
Maine	79,955	76,737	77,541	77,956	77,722	81,355	79,315	*76,489*	78,086	85,369	**85,501**	84,468	78,925	89.5
Maryland	107,921	*95,070*	97,225	99,541	100,753	103,000	105,652	105,116	124,505	133,268	118,475	106,932	105,514	71.3
Massachusetts	584,559	*565,750*	572,618	579,519	576,618	576,379	576,055	573,462	581,008	594,686	601,533	604,466	**612,615**	92.4
Michigan	231,499	*211,679*	218,230	223,087	222,273	226,811	229,058	232,023	235,804	240,310	241,912	246,729	**250,078**	84.6
Minnesota	84,767	*79,918*	80,909	82,081	81,134	82,952	85,038	84,667	85,847	87,643	**90,620**	89,503	86,896	88.2
Mississippi	50,384	49,148	49,511	49,839	47,851	*45,178*	45,198	47,237	50,341	53,195	55,387	**56,436**	55,285	80.1
Missouri	152,993	*141,268*	145,022	148,776	147,979	148,053	150,028	150,969	157,351	**163,514**	161,110	161,540	160,294	86.4
Montana	11,655	10,873	*10,772*	10,900	10,874	11,292	11,195	11,550	11,841	12,435	**13,127**	12,996	12,003	82.1
Nebraska	24,336	*22,138*	23,263	22,994	23,744	24,277	24,748	24,742	25,628	**25,945**	25,373	24,929	24,251	85.3
Nevada	2,257	*2,107*	2,116	2,140	2,190	2,244	2,266	2,349	**2,398**	2,341	2,390	2,302	2,247	87.9
New Hampshire	78,658	78,438	79,097	79,519	77,697	78,132	78,021	*76,324*	76,975	77,850	80,108	80,797	**80,936**	94.3
New Jersey	326,223	*313,158*	313,216	318,401	321,883	321,876	321,969	318,216	323,506	334,710	341,569	342,786	**343,389**	91.2
New Mexico	4,143	3,666	*3,616*	3,775	3,965	4,103	4,142	4,389	4,532	**4,591**	4,346	4,320	4,273	78.8

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No. 166.—WAGES AND HOURS OF LABOR: Relative Hours of Labor Per Week, Relative Rates of Wages Per Hour, and Relative Rates of Wages Per Week, Computed from Union Scales, 1907 to 1914.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained in the principal cities of the United States, 39 cities being covered for 1907 to 1911, 40 cities for 1912 and 1913, and 41 cities for 1914. The relative hours are percentages which indicate the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes. The relative wages are percentages which indicate the change in wages per hour and per full-time week. Hours and rates for 1914=100. The figures are based on the scale prevailing May 15, 1907 to 1913, inclusive, and May 1, 1914.]

Year.	Bakers.			Brewery and bottlin -house workmen.								
				Bottlers.			Brewers.			Chauffeurs and drivers.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	112	75	83	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908	111	78	85	.....	.....	.....	.....	.....	.....	.....	.....	.....
1909	111	81	88	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910	110	84	90	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911	107	88	93	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912	102	94	95	.....	.....	.....	.....	.....	.....	.....	.....	.....
1913	101	98	98	100	97	97	100	98	98	100	98	98
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Brewery and bottling-house workmen—Continued.											
	Coopers.			Elevator men.			Engineers.			Firemen.		
1913	100	99	99	107	93	99	101	98	98	100	98	98
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Brewery and bottling-house workmen—Continued.											
	Labelers, bottle beer.			Laborers.			Maltsters.			Oilers.		
1913	100	98	98	100	99	99	104	96	99	100	98	98
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Brewery and bottling-house workmen—Continued.											
	Packers, bottle beer.			Stablemen.			Washers.			Washhouse men.		
1913	100	98	98	100	96	97	100	99	99	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Brewery and bottling-house workmen—Continued.						Building trades.					
	Watchmen.			Miscellaneous occupations.			Bricklayers.			Bricklayers, sewer and caisson.		
1907	.....	.....	.....	.....	.....	.....	103	93	95	.....	.....	.....
1908	.....	.....	.....	.....	.....	.....	103	93	95	.....	.....	.....
1909	.....	.....	.....	.....	.....	.....	103	93	95	.....	.....	.....
1910	.....	.....	.....	.....	.....	.....	101	95	95	.....	.....	.....
1911	.....	.....	.....	.....	.....	.....	101	95	95	.....	.....	.....
1912	.....	.....	.....	.....	.....	.....	101	96	96	100	100	100
1913	100	99	99	100	99	99	101	98	98	100	100	100
1914	100	100	100	100	100	100	100	100	100	100	100	100

No. 166.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1907 TO 1914—Continued.

Year.	Building trades—Continued.											
	Building laborers.			Carpenters.			Carpenters, parquetry floor layers.			Cement workers, finishers.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	103	90	94	102	90	91	.....	.....	.....	103	90	93
1908	103	90	94	101	91	92	.....	.....	.....	102	90	92
1909	103	90	94	101	92	93	.....	.....	.....	103	93	95
1910	100	94	95	101	95	95	.....	.....	.....	103	94	96
1911	100	94	95	100	96	96	.....	.....	.....	102	97	99
1912	100	95	96	100	98	98	.....	.....	.....	102	97	99
1913	100	99	100	100	99	99	100	94	94	101	99	100
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Cement workers, finishers' helpers.			Cement workers, laborers.			Engineers, portable and hoisting.			Hod carriers.		
1907	101	86	88	103	84	86	.....	.....	.....	104	94	96
1908	100	87	88	102	83	84	.....	.....	.....	104	94	97
1909	100	91	92	102	94	95	.....	.....	.....	103	95	97
1910	100	92	93	101	96	96	.....	.....	.....	103	96	98
1911	100	98	99	101	96	97	.....	.....	.....	102	97	98
1912	100	98	99	101	96	97	101	96	97	101	98	98
1913	100	99	100	101	100	100	100	99	99	101	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Inside wiremen.			Inside wiremen, fixture hangers.			Lathers.			Marble-setters.		
1907	101	86	87	.....	.....	.....	.....	.....	.....	102	89	91
1908	101	91	91	.....	.....	.....	.....	.....	.....	102	90	92
1909	101	91	92	.....	.....	.....	.....	.....	.....	101	91	91
1910	100	93	93	.....	.....	.....	.....	.....	.....	101	92	92
1911	100	94	94	103	90	93	.....	.....	.....	100	93	93
1912	100	95	95	103	91	93	100	96	96	100	93	93
1913	100	97	97	101	95	95	100	98	98	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Marble-setters' helpers.			Painters.			Painters, fresco.			Painters, sign.		
1907	.....	.....	.....	103	83	85	.....	.....	.....	.....	.....	.....
1908	.....	.....	.....	103	86	87	.....	.....	.....	.....	.....	.....
1909	.....	.....	.....	102	87	88	.....	.....	.....	.....	.....	.....
1910	.....	.....	.....	102	90	91	.....	.....	.....	.....	.....	.....
1911	.....	.....	.....	101	92	92	.....	.....	.....	.....	.....	.....
1912	100	94	95	101	93	93	101	94	95	.....	.....	.....
1913	100	99	100	100	97	97	101	96	96	100	100	100
1914	100	100	100	100	100	100	100	100	100	100	100	100

No. 166.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1907 TO 1914—Continued.

Year.	Building trades—Continued.											
	Plasterers.			Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	101	95	96	102	89	90	101	88	90	101	83	84
1908	101	95	95	101	93	94	102	89	91	101	85	86
1909	101	95	95	101	94	94	102	90	92	101	86	87
1910	100	96	97	101	95	95	101	91	93	101	88	90
1911	100	97	97	101	95	95	101	96	96	101	91	92
1912	100	99	99	100	96	96	100	96	96	100	93	93
1913	100	100	100	100	98	98	100	99	99	100	97	97
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Steam fitters.			Steam fitters' helpers.			Stonemasons.			Structural-iron workers.		
1907	103	85	86	100	83	83	102	89	92	104	85	89
1908	103	86	87	100	84	84	102	91	93	103	87	89
1909	103	88	89	100	85	84	102	91	93	103	88	90
1910	102	91	92	99	92	91	101	92	92	102	91	93
1911	102	94	95	99	92	93	100	93	93	102	93	95
1912	101	95	96	99	95	96	100	94	94	101	95	96
1913	101	98	99	99	98	98	100	97	97	100	98	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Structural-iron workers, finishers.			Structural-iron workers, finishers' helpers.			Tile layers.			Tile layers' helpers.		
1912	100	96	96	100	97	98	101	95	96	101	97	97
1913	100	98	98	100	99	99	100	100	100	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Chauffeurs, teamsters, and drivers.									Freight handlers.		
	Chauffeurs.			Teamsters and drivers.			Miscellaneous occupations.					
1913	100	99	99	100	98	98	100	99	99	100	97	97
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Granite and stone trades.						Metal trades.					
	Granite cutters.			Stone cutters.			Blacksmiths.			Blacksmiths' helpers.		
1907	102	90	92	100	93	92	103	86	89	103	81	84
1908	102	91	92	100	93	92	103	88	91	103	88	92
1909	102	92	94	100	93	92	102	90	92	102	90	92
1910	101	93	94	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

No. 166.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK. COMPUTED FROM UNION SCALES, 1907 TO 1914—Continued.

Year.	Metal trades—Continued.											
	Boiler makers.			Boiler makers' helpers.			Core makers.			Machinists.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907....	101	86	87	102	86	88	103	82	84	103	89	92
1908....	101	87	88	102	86	88	103	82	84	103	89	93
1909....	100	88	89	101	86	88	102	83	84	103	90	93
1910....	100	93	93	100	89	90	102	87	88	103	94	97
1911....	100	98	98	100	92	93	101	92	92	102	95	98
1912....	100	99	99	100	98	99	101	93	93	101	96	98
1913....	100	100	100	100	99	100	100	99	99	101	98	99
1914....	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Metal trades—Continued.											
	Machinists' helpers.			Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.		
1907....	.....	.....	.....	.....	.....	.....	102	88	89	105	86	90
1908....	.....	.....	.....	.....	.....	.....	102	88	89	104	88	92
1909....	.....	.....	.....	.....	.....	.....	102	88	89	104	90	94
1910....	.....	.....	.....	.....	.....	.....	101	92	92	103	92	95
1911....	.....	.....	.....	.....	.....	.....	101	94	94	102	94	96
1912....	.....	.....	.....	.....	.....	.....	101	94	94	102	95	97
1913....	100	100	100	100	100	100	100	99	99	101	99	100
1914....	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Millwork.						Printing and publishing: Book and job.					
	Carpenters.			Painters, hardwood finishers.			Bookbinders.			Compositors.		
1907....	.....	.....	.....	.....	.....	.....	111	83	92	100	88	88
1908....	.....	.....	.....	.....	.....	.....	101	92	93	100	89	88
1909....	.....	.....	.....	.....	.....	.....	101	93	94	100	89	88
1910....	.....	.....	.....	.....	.....	.....	100	94	94	100	93	92
1911....	.....	.....	.....	.....	.....	.....	100	96	96	100	95	94
1912....	104	97	101	101	95	95	100	97	97	100	97	96
1913....	104	98	102	101	96	96	100	99	99	100	98	98
1914....	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Book and job—Continued.											
	Electrotypers: Battery men and builders.			Electrotypers: Finishers and molders.			Linotype operators.			Machine tenders.		

No. **166.**—Wages and Hours of Labor: Relative Hours of Labor Per Week, Relative Rates of Wages Per Hour, and Relative Rates of Wages Per Week, Computed from Union Scales, 1907 to 1914—Continued.

Year.	Printing and publishing: Book and job—Continued.											
	Machinist operators.			Press feeders.			Pressmen, cylinder presses.			Pressmen, platen presses.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	.....	.....	.....	111	79	87	107	81	86	106	87	91
1908	.....	.....	.....	101	87	88	102	85	86	102	89	91
1909	.....	.....	.....	100	89	89	100	92	93	100	93	93
1910	.....	.....	.....	100	90	90	100	93	93	100	94	94
1911	.....	.....	.....	100	94	94	100	95	95	100	96	96
1912	.....	.....	.....	100	95	95	100	97	97	100	97	97
1913	100	99	99	100	97	97	100	98	98	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Newspaper.											
	Compositors, daywork.			Compositors, nightwork.			Linotype operators, daywork.			Linotype operators, daywork (piecework).		
1907	100	88	89	100	92	93	100	90	91	.....	.....	.....
1908	100	88	89	100	92	93	100	92	93	.....	.....	.....
1909	100	89	90	100	93	94	100	92	93	.....	.....	.....
1910	100	91	92	100	95	96	100	94	95	.....	.....	.....
1911	100	94	95	100	96	97	100	95	96	.....	.....	.....
1912	100	97	97	100	97	98	100	97	97	100	[1] 101	.....
1913	100	99	99	100	99	99	100	99	99	100	[1] 100	.....
1914	100	100	100	100	100	100	100	100	100	100	[1] 100	.....

Year.	Printing and publishing: Newspaper—Continued.											
	Linotype operators, nightwork.			Linotype operators, nightwork (piecework).			Machine tenders, daywork.			Machine tenders, nightwork.		
1907	100	93	94	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908	100	94	95	.....	.....	.....	.....	.....	.....	.....	.....	.....
1909	100	94	95	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910	100	95	96	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911	100	96	97	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912	100	98	98	100	[1] 101	.....	100	99	99	100	100	100
1913	100	99	99	100	[1] 100	.....	100	100	100	100	100	100
1914	100	100	100	100	[1] 100	.....	100	100	100	100	100	100

Year.	Printing and publishing: Newspaper—Continued.											
	Machinist operators, daywork.			Machinist operators, nightwork.			Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.		
1907	.....	.....	.....	.....	.....	.....	102	87	88	101	94	94
1908	.....	.....	.....	.....	.....	.....	101	89	89	101	94	94
1909	.....	.....	.....	.....	.....	.....	100	90	90	101	95	95
1910	.....	.....	.....	.....	.....	.....	100	94	94	100	96	96
1911	.....	.....	.....	.....	.....	.....	100	95	95	100	96	96
1912	.....	.....	.....	.....	.....	.....	100	97	97	100	97	97
1913	100	100	100	100	100	100	100	99	99	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100

[1] Based on price per 1,000 ems, nonpareil.

No. 166.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1907 TO 1914—Continued.

Year.	Printing and publishing: Newspaper—Con.						Soft-drink establishment employees.					
	Stereotypers, day-work.			Stereotypers, night-work.			Bottlers.			Chauffeurs and drivers.		
	Relative full-time *hours* per week.	Relative rate of *wages* per hour.	Relative rate of wages *per* week, full time.	Relative full-time *hours* per week.	Relative rate of wages per hour.	Relative rate of wages *per* week, full time.	Relative full-time *hours* per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time *hours* per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	102	86	87	101	90	90	.....	.....	.....	.....	.....	.....
1908	101	88	89	101	91	91	.....	.....	.....	.....	.....	.....
1909	101	89	90	101	91	91	.....	.....	.....	.....	.....	.....
1910	100	91	92	100	92	92	.....	.....	.....	.....	.....	.....
1911	100	92	92	100	92	92	.....	.....	.....	.....	.....	.....
1912	100	94	93	100	93	93	.....	.....	.....	.....	.....	.....
1913	100	99	99	100	99	99	100	99	99	100	99	99
1914	100	100	100	100	100	100	100	100	100	100	100	100
	Soft-drink establishment employees—Continued.											
	Miscellaneous occupations.											
1913	*100*	*95*	*95*	.....	.....	.....	.....	.....	.....	.....	.....	.....
1914	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....

No. 167.—MINING AND METALLURGICAL INDUSTRIES: NUMBER OF MEN EMPLOYED, CALENDAR YEARS 1913 AND 1914.

[Source: Bureau of Mines, Department of the Interior.]

Industry.	1913	1914	Industry.	1913	1914
Coal mines	747,644	763,185	Ore-dressing plants	14,985	14,501
Coke ovens	21,345	22,313	Quarries	106,278	87,936
Metal mines	191,276	158,115			
Smelting plants [1]	20,564	26,960	Total	1,105,092	1,073,010

[1] Excluding iron and steel furnaces.

No. 168.—PUBLIC ROADS: Mileage, Revenues, and Expenditures for Years Specified, by States.

[Source: Division of Road Economics, Office of Public Roads, Department of Agriculture.]

State.	Total mileage of all roads, 1914.[1]	Total mileage of surfaced roads, 1914.[1]	Per cent of roads improved, 1914.	Miles of road built by State convict labor, 1913.	Automobile revenues, 1913.	Expenditures.	
						Total State, 1913.	Cash road and bridge expenditures of counties, districts, and townships, 1912.
					Dollars.	*Dollars.*	*Dollars.*
Alabama	49,639	5,491	11.1	.....	[2] 83,000.00	127,005	1,644,094
Arizona	5,987	400	6.7	6	[2] 17,416.00	274,631	200,000
Arkansas	36,445	1,085	3.0	.....	[2] 27,545.00	25,000	1,586,050
California	48,069	9,388	19.5	.....	[1] 75,000.00	2,032,084	9,902,160
Colorado	30,571	655	2.1	50	56,520.00	473,246	1,469,690
Connecticut	12,582	3,300	26.2	.....	[2] 316,666.76	3,483,575	1,250,000
Delaware	3,000	241	8.0	1	[2] 24,735.00	30,000	339,480
Florida	17,954	2,625	14.6	.....	.....	.....	1,500,000
Georgia	83,986	12,500	14.9	[1] 400	[1] 12,000.00	.....	2,750,000
Idaho	18,406	611	3.3	.....	[2] 35,160.00	68,000	750,000
Illinois	94,141	9,000	9.6	1	507,134.78	100,000	6,500,000
Indiana	63,370	26,831	42.3	.....	118,245.00	.....	8,877,553
Iowa	104,027	2,505	2.4	.....	[2] 787,411.08	53,000	7,500,000
Kansas	111,536	1,170	1.0	.....	[2] 186,068.06	9,500	5,155,360
Kentucky	58,000	10,636	18.3	.....	52,000.00	15,000	[3] 1,933,000
Louisiana	24,962	697	2.8	.....	.....	111,000	2,147,063
Maine	25,528	3,264	12.8	.....	135,635.00	563,541	1,482,743
Maryland	17,025	2,706	15.9	.....	144,930.25	1,589,253	1,000,000
Massachusetts	17,272	8,928	51.7	.....	629,242.00	2,266,068	2,350,000
Michigan	68,906	8,859	12.8	.....	[2] 190,328.75	355,757	5,725,000
Minnesota	91,890	[4] 6,206	6.8	.....	[1] 40,000.00	503,186	3,000,000
Mississippi	44,072	1,800	4.1	.....	([5])	.....	2,000,000
Missouri	120,000	8,000	6.6	.....	[2] 173,510.50	408,192	4,650,516
Montana	23,319	100	.4	45	8,700.00	2,484	1,532,788
Nebraska	80,338	250	.3	.....	[1] 26,000.00	[6] 52,428	2,278,188
Nevada	12,751	65	.5	.....	[2] 3,322.94	.....	150,000
New Hampshire	15,116	1,025	6.8	.....	141,151.64	475,449	1,000,000
New Jersey	14,842	4,500	30.3	.....	636,543.07	1,131,891	3,629,773
New Mexico	16,920	900	5.3	.....	[2] 12,302.73	121,631	300,000
New York	80,112	22,398	27.9	.....	[2] 1,275,727.27	13,820,934	6,938,694
North Carolina	49,802	6,166	12.4	.....	[1] 60,000.00	5,000	2,333,942
North Dakota	61,593	200	.3	.....	35,010.03	.....	1,023,560
Ohio	83,681	28,312	33.8	.....	395,063.23	738,174	7,350,000
Oklahoma	71,325	500	.7	.....	[1] 3,000.00	5,000	3,374,180
Oregon	42,930	3,994	9.3	.....	43,476.08	5,008	3,254,665
Pennsylvania	87,387	3,976	4.5	.....	[2] 841,062.41	4,606,232	5,864,718
Rhode Island	2,121	1,246	58.8	.....	123,851.00	715,664	281,775
South Carolina	45,549	4,888	17.3	.....	.....	.....	1,000,000
South Dakota	56,354	290	.5	.....	[2] 89,170.00	.....	1,250,000
Tennessee	45,913	5,554	12.1	.....	[1] 9,000.00	.....	2,000,000
Texas	128,971	9,790	7.6	.....	.....	.....	7,269,592
Utah	7,970	1,653	20.7	.....	[1] 3,000.00	97,000	500,000
Vermont	15,082	3,278	22.7	.....	[2] 111,459.81	505,000	676,039
Virginia	43,399	4,482	10.3	192	80,008.32	368,206	2,296,105
Washington	37,000	4,250	11.5	.....	[2] 48,356.00	1,383,770	4,059,509
West Virginia	31,629	825	2.6	.....	[2] 40,000.00	3,500	1,042,353
Wisconsin	61,000	11,500	18.8	.....	[2] 190,720.00	903,000	4,000,000
Wyoming	10,569	450	4.3	.....	[2] 7,920.00	8,763	[7] 365,386
Total	2,273,131	247,490	10.9	695	7,797,440.71	37,437,172	137,483,985

[1] Estimated.
[2] Gross revenues.
[3] Also about 555,000 days' statute labor.
[4] Also 3,700 miles of graded road.
[5] Registration declared unconstitutional May, 1913.
[6] For large bridges only.
[7] Year 1913.

No. 169.—POST OFFICES AND POST ROUTES: NUMBER OF POST OFFICES, EXTENT OF POST ROUTES, AND REVENUE AND EXPENDITURES OF THE POST OFFICE DEPARTMENT, INCLUDING AMOUNTS PAID FOR TRANSPORTATION OF THE MAILS, 1879 TO 1915.

[Source: Annual reports of the Postmaster General.]

Year ended	Post	Extent	Revenue	Expended for transportation of—	Total expenditure
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

No. 170.—RAILWAY MAIL SERVICE: RAILROAD MILEAGE UPON WHICH MAIL WAS CARRIED, ANNUAL COST AND AVERAGE COST PER MILE OF RAILROAD MAIL TRANSPORTATION, AND EXPENDITURE FOR RAILWAY MAIL SERVICE EMPLOYEES, 1879 TO 1915.

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Total railroads in operation in United States Dec. 31.[1]	Railroads upon which mail was carried.	Annual transportation of mail by railroads.	Railroad mail transportation.		Railway Mail Service.	
				Annual cost.	Average annual cost per mile.	Number of employees.	Annual expenditure.
	Miles.	*Miles.*	*Miles.*	*Dollars.*	*Dollars.*		*Dollars.*
1879	86,556	79,991	93,092,992	9,792,589	0.1051	2,609	2,624,890
1880	93,267	85,320	96,497,463	10,648,986	.1103	2,946	2,850,980
1881	103,108	91,569	103,521,229	11,963,117	.1155	3,177	3,108,801
1882	114,677	100,563	113,995,318	13,127,715	.1151	3,570	3,486,779
1883	121,422	110,208	129,198,641	13,887,800	.1075	3,855	3,972,071
1884	125,345	117,160	142,541,392	15,012,603	.1053	3,963	3,688,032
1885	128,320	121,032	151,910,845	16,627,983	.1095	4,387	4,246,210
1886	136,338	123,933	165,699,389	17,336,512	.1045	4,573	4,467,717
1887	149,214	130,949	169,689,866	18,056,272	.1064	4,851	4,694,562
1888	156,114	143,713	185,485,783	19,524,959	.1052	5,094	4,981,366
1889	161,276	150,381	204,192,489	21,689,613	.1059	5,448	5,250,838
1890	167,191	154,779	215,715,680	23,395,232	.1084	5,836	5,562,844
1891	172,035	159,518	228,719,900	25,183,714	.1101	6,032	5,904,381
1892	175,691	162,576	239,731,509	27,126,529	.1131	6,417	6,480,684
1893	179,834	166,952	252,750,574	28,910,195	.1143	6,645	6,733,410
1894	182,733	169,768	264,717,595	30,358,190	.1146	6,852	6,989,449
1895	184,628	171,212	267,117,787	31,205,342	.1168	7,045	7,194,220
1896	186,681	172,794	268,806,324	32,405,797	.1205	7,408	7,594,377
1897	188,844	173,475	273,190,356	33,876,521	.1240	7,602	7,782,547
1898	190,870	174,777	281,585,612	34,703,847	.1232	7,999	8,222,504
1899	194,336	176,727	287,591,269	36,117,875	.1256	8,388	8,610,732
1900	198,964	179,982	297,256,303	37,793,982	.1271	8,695	8,946,424
1901	202,288	183,359	302,613,325	38,519,624	.1273	9,105	9,679,037
1902	207,253	187,130	312,521,478	39,953,608	.1278	9,627	10,264,588
1903	213,422	192,852	333,491,684	41,886,848	.1256	10,418	11,250,042
1904	220,112	196,907	353,038,397	44,695,610	.1266	11,621	12,095,437
1905	225,196	200,965	362,645,731	45,576,515	.1256	12,474	13,304,994
1906	230,761	203,824	371,661,071	47,481,037	.1277	13,598	14,222,201
1907	236,949	207,237	387,557,165	51,008,111	.1316	14,357	15,248,601
1908[2]	240,846	213,220	407,799,039	49,404,763	.1211	15,295	17,479,504
1909	244,084	217,115	413,546,194	49,606,440	.1199	16,044	18,380,725
1910	249,992	220,730	426,923,109	49,302,217	.1154	16,795	19,420,349
1911	254,732	223,900	449,654,863	50,910,261	.1132	17,028	20,152,904
1912	258,033	226,071	458,648,624	50,703,323	.1105	18,261	20,876,963
1913	261,036	228,618	471,559,089	51,466,030	.1091	18,265	22,815,795
1914	263,547	231,398	481,443,001	55,480,560	.1152	20,311	26,107,052
1915	.....	233,675	499,011,047	58,148,751	.1165	19,599	[3]28,530,621

[1] Data for years prior to 1890 are from Poor's Manual of Railroads and relate to calendar years; data from 1890 to date are from reports of the Interstate Commerce Commission and relate to fiscal years. No mileage included for Alaska.

[2] After 1907 excludes mileage of switching and terminal companies not previously segregated.

[3] Estimated actual expenditures.

No. 171.—LAND TELEGRAPH SYSTEMS: Comparative Summary, 1907 and 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
Number of companies or systems	20	21	5.0
Miles of pole line	[2] 239,646	[2] 247,528	3.3
Miles of single wire owned and leased	1,577,961	[3] 1,814,196	15.0
Number of messages [4]	101,424,759	106,532,530	5.0
Number of telegraph offices	29,056	30,781	5.9
Income, total	$43,912,168	$56,293,469	28.2
Telegraph traffic	$37,916,907	$52,337,211	38.0
All other sources	$5,995,261	$3,956,258	−34.0
Net income	$5,675,181	[5] $3,431,044	−39.5
Expenses, total	$38,236,987	$52,862,425	38.2
General operation and maintenance, including salaries and wages and legal expenses	$31,852,359	[6] $42,771,823	34.3
Interest and taxes	$2,246,382	$2,740,827	22.0
All other expenses	$4,138,246	$7,349,775	77.6
Balance sheet:			
Assets, total	$166,183,007	$190,705,751	14.8
Construction and equipment	$132,607,620	$143,910,631	8.5
Stocks and bonds, including "other permanent investments"	$23,514,882	[7] $17,122,592	−27.2
Cash and current assets, *including supplies and sundries*	$10,060,505	[8] $29,672,528	194.9
Liabilities, total	$166,183,007	$190,705,751	14.8
Capital stock	$102,289,575	[9] $108,156,410	5.7
Funded debt	$37,204,000	$34,741,000	− 6.6
Reserves	$1,876,858	$5,254,329	180.0
Accounts payable [10]	$7,916,138	$18,295,683	131.1
Dividends, interest, and taxes due and accrued	.....	$1,460,733	.....
Sundries	$66,692	[11] $13,444,926	.....
Net surplus	$16,829,744	$9,352,670	−44.4
Capitalization:			
Capital stock outstanding, par value	$102,289,575	$108,156,410	5.7
Dividends on stock	$4,944,042	$3,139,861	−36.5
Funded debt	$37,204,000	$34,741,000	− 6.6
Employees and salaries and wages:			
Average number	26,827	[12] 35,639	32.8
Salaries and wages	$16,893,166	$23,797,980	40.9

[1] A minus sign (−) denotes decrease.
[2] Exclusive of pole line wholly owned and used by railway companies.
[3] Does not include 22,816 nautical miles of ocean cable operated by the Western Union Telegraph Co. Exclusive also of 314,329 miles of wire wholly owned and operated by railway companies for their own business.
[4] Does not include land messages sent over its 207 miles of leased land wire by a wireless company in 1912 nor ocean cable messages except those reported by the Western Union Telegraph Co.
[5] Less all expenses, including charges for depreciation.
[6] Includes charges for depreciation, which were not included in expenses in 1907.
[7] Includes treasury stock.
[8] Includes sinking fund and stock and bond discount.
[9] Includes assumed stock of subcompanies.
[10] Includes floating debt and cash investments (for unincorporated companies).
[11] Includes deferred noninterest-bearing obligations payable only on determination of leases and real-estate mortgages.
[12] Number employed Sept. 16, 1912.

No. 172.—LAND TELEGRAPH SYSTEMS: Revenue and Income Account, 1907 and 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
	Dollars.	*Dollars.*	
Gross receipts from operation	37,916,907	52,337,211	38.0
Operating expenses	34,205,745	45,527,564	33.1
Net earnings from operation	3,711,162	6,809,647	83.5
Income from other sources	5,995,261	3,956,258	−34.0
Interest on bonds and dividends on stock of other companies	1,081,619	375,903	−65.2
Leased telegraph lines, wires, and conduits	4,430,245	2,419,065	−45.4
Real estate rentals	210,014	191,154	− 9.0
Miscellaneous [2]	273,383	970,136	254.9
Gross income less operating expenses	9,706,423	10,765,905	10.9
Deductions from income (fixed charges)	4,031,242	7,334,861	82.0
Taxes	753,378	1,132,234	50.3
Interest	1,493,004	1,608,593	7.7
Payments for use of leased lines	1,784,860	4,594,034	157.4
Net income	5,675,181	3,431,044	−39.5
Dividends on stock	4,944,042	3,139,861	−36.5
Surplus	731,139	291,183	−60.2

[1] A minus sign (−) denotes decrease. [2] Including interest.

No. 173.—LAND TELEGRAPH SYSTEMS: Operating Expenses, 1907 and 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
	Dollars.	*Dollars.*	
General operation and maintenance	31,852,359	42,771,823	34.3
Salaries and wages	16,893,166	23,797,980	40.9
Operation and maintenance, including legal expenses	14,959,193	15,269,031	2.1
Charges for depreciation	.....	3,704,812	.....
Rentals of offices and other real estate	1,596,456	2,247,311	40.8
Rentals of conduits and underground privileges	5,920	101,035	1,606.7
Payments for telegraph traffic made to other companies	667,501	228,907	—65.7
Miscellaneous	83,509	178,488	113.7

[1] A minus sign (—) denotes decrease.

No. 174.—OCEAN CABLE TELEGRAPH SYSTEMS: Comparative Summary, 1907 and 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
Number of companies or systems [2]	6	6	.....
Nautical miles of ocean cable [2]	40,572	44,860	10.6
Number of messages [2]	2,369,317	2,845,168	20.1
Number of cable offices [2]	54	83	53.7
Income, total	$7,671,700	$8,469,374	10.4
Telegraph traffic	$7,338,280	$8,065,798	9.9
All other sources	$333,420	$403,576	21.0
Net income	$4,029,074	$2,952,847	—26.7
Expenses, total	$3,642,626	$5,516,527	51.4
General operation and maintenance, including salaries and wages and legal expenses	$2,204,939	$4,008,218	81.8

No. 175.—LAND AND OCEAN TELEGRAPH SYSTEMS COMBINED: COMPARATIVE SUMMARY, 1902, 1907, AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1902	1907	1912	Per cent of increase.[1]		
				1902–1907	1902–1912	1907–1912
Number of companies or systems	25	[2] 26	[2] 27	4.0	3.8	8.0
Miles of pole line	[3] 237,990	[3] 239,646	[3] 247,528	0.7	3.3	4.0
Miles of single wire owned and leased	[4] 1,318,350	[4] 1,577,961	[4] 1,814,196	19.7	15.0	37.6
Nautical miles of ocean cable	16,677	46,301	67,676	177.6	46.2	305.8
Number of messages	91,655,287	103,794,076	109,377,698	13.2	5.4	19.3
Number of telegraph offices	27,377	29,110	30,864	6.3	6.0	12.7
Income, total	$40,930,038	$51,583,868	$64,762,843	26.0	25.5	58.2
Telegraph traffic	$35,300,569	$45,255,187	$60,403,009	28.2	33.5	71.1
All other sources	$5,629,469	$6,328,681	$4,359,834	12.4	−31.1	−22.6
Net income	$9,982,004	$9,704,255	$6,383,891	−2.8	−34.2	−36.0
Expenses, total	$30,948,034	$41,879,613	$58,378,952	35.3	39.4	88.6
General operation and maintenance, including salaries						

No. 176.—OCEAN CABLE TELEGRAPH SYSTEMS: REVENUE AND INCOME ACCOUNT, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
	Dollars.	*Dollars.*	
Gross receipts from operation	7,338,280	8 065,798	9.9
Operating expenses	2,373,339	4,214,264	77.6
Net earnings from operation	4,964,941	3,851,534	−22.4
Income from other sources	333 420	403,576	21.0
Gross income less operating expenses	5,298,361	4,255,110	−19.7
Deductions from income (fixed charges)	1,269,287	1,302,263	2.6
Taxes	30,308	54,554	80.0
Interest	1,160,000	1,160,000	.....
Payments for use of leased lines	78,979	87,709	11.1
Net income	4,029,074	2,952,847	−26.7
Dividends on stock	2,533,041	3,040,200	20.0
Surplus	1,496,033	(2)	.....

[1] A minus sign (−) denotes decrease. [2] Deficit of $87,353.

No. 177.—OCEAN CABLE TELEGRAPH SYSTEMS: OPERATING EXPENSES, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.
	Dollars.	*Dollars.*	
General operation and maintenance	2,204,939	4,008,218	81.8
Salaries and wages	915,083	1,167,014	27.5
Operation and maintenance, including legal expenses	1,289,856	2,841,204	120.3
Rentals of offices and other real estate	87,896	104,748	19.2
Miscellaneous[1]	80,504	101,298	25.8

[1] Includes also rentals of conduits and underground privileges and payments for telegraph traffic made to other companies.

No. 178.—WIRELESS TELEGRAPH SYSTEMS: COMPARATIVE SUMMARY, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.[1]
Number of companies or systems	5	4	−20.0
Number of messages	154,617	[2] 285,091	84.4
Number of tower stations	117	74	−36.8
Income, total	$106,791	$669,158	526.6
Net income	.....	[3] $4,738	.....
Expenses, total	$160,329	$664,420	314.4
General operation and maintenance, including salaries and wages and legal expenses	$117,480	$588,712	401.1
Interest and taxes	$5,562	$7,826	40.7
All other expenses	$37,287	$67,882	82.1
Net deficit	$53,538	.....	.....
Balance sheet:			
Assets, total	$32,958,897	$10,377,197	−68.5
Construction and equipment	$317,614	$1,205,770	279.6
Cash and current assets, including supplies[4]	$32,196,456	$9,171,427	−71.5
Net deficit	$444,827	.....	.....
Liabilities, total	$32,958,897	$10,377,197	−68.5
Capital stock	$32,676,242	$9,602,570	−70.6
Floating debt and mortgages	$37,145	$18,483	−50.2
Accounts payable	$245,510	[5] $583,160	137.5
Net surplus	.....	$172,984	.....
Capitalization: Capital stock outstanding, par value	$32,676,242	$9,602,570	−70.6
Employees and salaries and wages:			
Average number	176	[6] 958	444.3
Salaries and wages	$81,771	$393,606	381.4

[1] A minus sign (−) denotes decrease.
[2] Includes 5,013 land messages sent over a leased land wire by a wireless company doing land telegraph business also.
[3] Less all expenses, including charges for depreciation.
[4] Includes stocks, bonds, and sundries.
[5] Includes reserves, cash investments, interest and taxes due and accrued, and sundries.
[6] Number employed Sept. 16, 1912. Includes, in some cases, number of operators on shipboard who, in idition to wages, receive board and quarters.

No. 179.—WESTERN UNION TELEGRAPH CO.: MILEAGE OF LINES AND WIRES, NUMBER OF OFFICES, AND TRAFFIC, 1868 TO 1914.

[Source: Annual reports of the Western Union Telegraph Co.]

Year ended June 30—	Miles of line.	Miles of wire.	Number of offices.	Number of messages sent.	Receipts.	Expenses.	Profits.	Average per message.	
								Toll.	Cost.
					Dollars.	*Dollars.*	*Dollars.*	*Cents.*	*Cents.*
1868....	50,188	97,594	3,219	6,404,595	7,004,560	4,362,849	2,641,711	104.7	63.4
1869....	52,099	104,584	3,607	7,934,933	7,316,918	4,568,117	2,748,801	89.3	54.2
1870....	54,109	112,191	3,972	9,157,646	7,138,738	4,910,772	2,227,966	75.5	51.2
1871....	56,032	121,151	4,606	10,646,077	7,637,449	5,104,787	2,532,662	69.5	45.7
1872....	62,033	137,190	5,237	12,444,499	8,457,096	5,666,863	2,790,233	66.2	43.8
1873....	65,757	154,472	5,740	14,456,832	9,333,019	6,575,056	2,757,963	62.5	43.4
1874....	71,585	175,735	6,188	16,329,256	9,262,654	6,755,734	2,506,920	54.9	39.5
1875....	72,833	179,496	6,565	17,153,710	9,564,575	6,335,415	3,229,158	54.0	35.2
1876....	78,532	183,832	7,072	18,729,567	10,034,984	6,635,474	3,399,510	50.9	33.5
1877....	76,955	194,323	7,500	21,158,941	9,812,353	6,672,225	3,140,128	43.6	29.8
1878....	81,002	206,202	8,014	23,918,894	9,861,355	6,309,813	3,551,543	38.9	25.0
1879....	82,987	211,566	8,534	25,070,106	10,960,640	6,160,200	4,800,440	38.6	25.2
1880....	85,645	233,534	9,077	29,215,509	12,782,895	6,948,957	5,833,938	38.5	25.4
1881....	110,340	327,171	10,737	32,500,000	14,393,544	8,485,264	5,908,280	38.4	25.6
1882....	131,060	374,368	12,068	38,842,247	17,114,166	9,996,096	7,118,070	38.2	25.8
1883....	144,294	432,726	12,917	41,181,177	19,454,903	11,794,553	7,660,350	38.0	26.0
1884....	145,037	450,571	13,761	42,076,226	19,632,940	13,022,504	6,610,436	36.5	25.2
1885....	147,500	462,283	14,184	42,096,583	17,706,834	12,005,910	5,700,924	32.1	24.9
1886....	151,832	489,607	15,142	43,289,807	16,298,639	12,378,783	3,919,855	31.3	23.4
1887....	156,814	524,641	15,658	47,394,530	17,191,910	13,154,629	4,037,281	30.4	23.0
1888....	171,375	616,248	17,241	51,463,955	19,711,164	14,640,592	5,070,572	31.2	23.2
1889....	178,754	647,697	18,470	54,108,326	20,783,194	14,565,153	6,218,041	31.2	22.4
1890....	183,917	678,997	19,382	55,878,762	22,387,029	15,074,304	7,312,725	32.4	22.7
1891....	187,981	715,591	20,098	59,148,343	23,034,327	16,428,742	6,605,585	32.5	23.2
1892....	189,576	739,105	20,700	62,387,298	23,706,405	16,307,857	7,398,548	31.6	22.3
1893....	189,936	769,201	21,078	66,591,858	24,978,443	17,482,406	7,496,037	31.2	22.7
1894....	190,303	790,792	21,166	58,632,237	21,852,655	16,060,170	5,792,485	30.5	23.3
1895....	189,714	802,651	21,360	58,307,315	22,218,019	16,076,630	6,141,389	30.7	23.3
1896....	189,918	826,929	21,725	58,760,444	22,612,736	16,714,756	5,897,980	30.9	24.0
1897....	190,614	841,002	21,769	58,151,684	22,638,859	16,906,656	5,732,203	30.5	24.3
1898....	189,847	874,420	22,210	62,173,749	23,915,733	17,825,582	6,090,151	30.1	24.7
1899....	189,856	904,633	22,285	61,398,157	23,954,312	18,085,579	5,868,733	30.8	25.1
1900....	192,705	933,153	22,900	63,167,783	24,758,570	18,593,206	6,165,364	30.8	25.1
1901....	193,589	972,766	23,238	65,657,049	26,354,151	19,668,903	6,685,248	30.9	25.1
1902....	196,115	1,029,984	23,567	69,374,883	28,073,095	20,780,766	7,292,329	31.0	25.7
1903....	196,517	1,089,212	23,120	[1] 69,790,866	29,167,687	20,953,215	8,214,472	31.4	25.6
1904....	199,350	1,155,405	23,458	[1] 67,903,973	29,249,390	21,361,915	7,887,475	31.7	26.1
1905....	200,224	1,184,557	23,814	[1] 67,477,320	29,033,635	21,845,570	7,188,065	31.6	27.3
1906....	202,959	1,256,147	24,323	[1] 71,487,082	30,675,655	23,605,072	7,070,583	31.6	27.6
1907....	205,646	1,321,199	24,760	[1] 74,804,551	32,856,406	26,532,196	6,324,210	33.7	30.2
1908....	208,477	1,359,430	23,853	[1] 62,371,287	28,582,212	25,179,215	3,402,997	33.7	34.3
1909....	211,513	1,382,500	24,321	[1] 68,053,439	30,541,073	23,193,966	7,347,107	34.1	28.5
1910....	214,360	1,429,049	24,825	[1] 75,135,405	33,889,202	26,614,302	7,274,900	35.2	30.2
1911....	219,219	1,487,345	24,926	[1] 77,780,732	37,158,989	30,053,632	7,105,357	[2] 38.3	[2] 33.1
1912....	235,807	1,532,161	25,392	[3] 90,000,000	42,987,807	36,063,836	6,923,971	.....	.....
1913....	238,033	1,558,181	[3] 26,000	.....	47,423,443	42,959,934	4,463,508	.....	.....
1913[4]...	237,807	1,562,170	25,060	.....	46,899,267	42,327,121	4,572,146	.....	.....
1914[4]...	240,231	1,609,346	25,784	.....	47,287,388	40,578,751	6,708,637	.....	.....

[1] Not including messages sent over leased wires or under railroad contracts.
[2] Figures derived from a study, but facilities such that accuracy can not be guaranteed.
[3] Estimated.
[4] Year ended Dec. 31.

No. 180.—TELEPHONE SYSTEMS REPORTING AN ANNUAL INCOME OF $5,000 OR MORE: COMPARATIVE SUMMARY, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	Bell Telephone System.		All other systems.		Total.	
	1907	1912	1907	1912	1907	1912
Number of systems	175	176	1,461	1,740	1,636	1,916
Miles of single wire	8,947,266	15,133,186	2,974,694	3,886,205	11,921,960	19,019,391
Miles of pole line	287,458	353,422	266,294	318,264	553,752	671,686
Number of public exchanges	5,418	5,853	5,195	5,662	10,613	11,515
Number of telephones	3,132,063	5,087,027	1,774,630	2,239,721	4,906,693	7,326,748
Estimated number of messages or talks	6,401,044,799	9,133,226,836	3,999,389,159	4,602,431,409	10,400,433,958	13,735,658,245
Income, total	$138,803,831	$206,130,830	$37,896,577	$48,950,404	$176,700,408	$255,081,234
Expenses, including taxes and fixed charges, total	$107,356,551	$163,024,105	$28,118,626	$40,730,804	$135,475,177	$203,754,909
Net income	$31,447,280	$43,106,725	$9,777,951	$8,219,600	$41,225,231	$51,326,325
Dividends	$20,201,937	$29,709,841	$3,246,275	$4,410,968	$23,448,212	$34,120,809
Assets, total	$623,036,358	$934,805,563	$317,321,640	$360,864,538	$940,357,998	$1,295,670,101
Cost of construction and equipment	$526,079,031	$780,017,745	$268,017,940	$301,415,482	$794,096,971	$1,081,433,227
Stocks and bonds and other permanent investments	$25,090,795	$72,629,170	$35,640,295	$31,925,497	$60,731,090	$104,554,667
Cash and current assets	$71,866,532	$82,158,648	$11,096,640	$14,459,607	$82,963,172	$96,618,255
Sundries, including stock and bond discount and sinking and other special funds			$2,566,765	$13,063,952	$2,566,765	$13,063,952
Liabilities, total	$623,036,358	$934,805,563	$317,321,640	$360,864,538	$940,357,998	$1,295,670,101
Capital stock	$294,578,646	$297,885,433	$162,210,079	$188,878,446	$456,788,725	$586,763,879
Funded debt	$197,071,800	$295,872,053	$104,261,689	$108,658,183	$301,333,489	$404,530,236
Real-estate mortgages, floating debt, and accounts payable	$50,825,741	$49,818,920	$23,562,762	$21,923,714	$74,388,503	$71,742,634
Cash investments			$2,583,833	$3,287,138	$2,583,833	$3,287,138
Interest, taxes, and dividends, due and accrued	$9,703,462	$14,405,707	$2,152,448	$3,115,184	$11,855,910	$17,520,891
Reserves	$36,168,979	$137,967,085	$2,822,879	$10,851,896	$38,991,858	$148,818,981
Sundries		$434,304	$6,210,884	$1,800,417	$6,210,884	$2,234,721
Net surplus	$34,687,730	$38,422,061	$13,517,066	$22,349,560	$48,204,796	$60,771,621
Salaried employees:						
Number	17,039	31,435	5,780	7,318	22,819	38,753
Salaries	$14,501,916	$27,004,837	$4,040,703	$5,676,645	$18,542,619	$32,681,482
Wage earners:						
Average number	78,772	[1] 110,468	30,079	[1] 34,140	108,851	[1] 144,608
Wages	$36,073,994	$49,896,524	$10,392,736	$13,462,535	$46,466,730	$63,359,059

[1] Number employed Sept. 16, 1912.

No. 181.—AMERICAN TELEPHONE & TELEGRAPH CO. AND OPERATING COMPANIES ASSOCIATED WITH IT: STATISTICS, JAN. 1, 1910 TO 1915.

[Source: The American Telephone & Telegraph Co.]

	1910	1911	1912	1913	1914	1915
OPERATING COMPANIES.						
Central offices	4,968	4,983	5,014	5,182	5,245	5,289
Miles of exchange-service wire:						
Aerial	3,645,879	4,047,367	4,441,419	5,058,873	5,491,889	5,866,063
Underground	5,021,510	5,621,811	6,420,261	7,352,154	8,273,892	9,158,348
Submarine	8,085	9,040	10,421	10,623	11,689	13,486
Total	8,675,474	9,678,218	10,872,101	12,421,650	13,777,470	15,037,897
Total circuits	1,829,942	2,082,960	2,306,360	2,576,789	2,812,944	2,972,901
Total employees	104,956	120,311	128,439	140,789	156,928	142,527
Total stations	3,588,247	4,030,668	4,474,171	4,953,447	5,415,209	5,763,008
Miles of wire operated	10,480,026	11,642,212	12,932,615	14,610,813	16,111,011	17,475,594
Number of daily exchange connections	19,925,194	21,681,471	23,483,770	25,572,345	26,431,024	27,049,225
Average number daily calls per station	5.9	5.7	5.5	5.4	5.1	4.8
AMERICAN TELEPHONE & TELEGRAPH CO.						
Dividends paid stockholders ....dollars	17,036,276	20,776,822	22,169,450	26,015,588	27,454,037	27,572,675
Capital....do	256,475,800	263,335,600	318,427,500	334,805,700	341,616,300	344,681,900
Gross earnings....do	32,761,341	35,358,329	36,970,230	42,717,993	45,909,992	46,196,599
Net earnings[1]....do	23,095,389	26,855,893	27,733,265	32,062,945	32,920,090	32,334,814

[1] After deducting interest.

No. 182.—ELECTRIC RAILWAYS, 1915:[1] MILEAGE AND NUMBER OF CARS, BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: The Electric Railway Journal.]

State.	Number of companies.	Miles of track.	Motor passenger cars.	Trail passenger cars.	Electric locomotives.	Express motor cars.	Freight cars.	Service and other cars.	Cable and horse cars.
Alabama	14	366	437	33	.....	.....	2	210	.....
Arizona	4	52	41	1	.....	.....	.....	1	.....
Arkansas	11	134	230	.....	.....	.....	.....	54	.....
California	40	3,188	3,611	81	75	4	430	1,739	109
Colorado	13	460	414	157	.....	.....	.....	259	2
Connecticut	11	1,576	2,102	44	100	.....	.....	73	.....
Delaware	3	138	235	.....	.....	.....	.....	76	.....
District of Columbia	7	403	1,087	.....	.....	.....	.....	444	.....
Florida	7	176	249	.....	.....	.....	.....	49	.....
Georgia	16	483	722	8	.....	.....	.....	87	2
Idaho	5	174	58	.....	.....	.....	.....	16	.....
Illinois	73	3,683	5,833	631	51	.....	910	1,019	.....
Indiana	44	2,309	1,956	12	.....	13	86	206	.....
Iowa	30	878	984	13	17	.....	.....	364	.....
Kansas	19	449	372	19	.....	.....	12	105	2
Kentucky	10	467	996	14	.....	.....	21	76	.....
Louisiana	8	292	647	.....	.....	.....	.....	106	.....
Maine	16	583	582	8	4	4	56	133	6
Maryland	11	674	2,152	.....	10	1	2	219	.....
Massachusetts	40	3,188	7,979	314	11	10	11	1,112	.....
Michigan	26	1,658	2,802	8	10	7	10	129	.....
Minnesota	13	789	1,213	22	4	.....	.....	221	.....
Mississippi	11	123	163	2	.....	.....	.....	27	.....
Missouri	24	1,122	2,474	.....	.....	.....	.....	484	.....
Montana	8	271	127	15	17	.....	1	17	.....
Nebraska	7	234	481	.....	1	.....	.....	52	5
Nevada	2	11	12	.....	.....	.....	.....	.....	.....
New Hampshire	13	208	264	.....	1	2	.....	28	2
New Jersey	29	1,471	2,756	3	2	13	7	84	21
New Mexico	2	10	11	.....	.....	.....	.....	.....	.....
New York	107	5,447	15,667	1,123	139	11	35	2,398	180
North Carolina	14	286	282	.....	6	.....	2	207	.....
North Dakota	6	38	76	.....	.....	.....	.....	14	.....
Ohio	77	4,288	5,374	84	11	6	18	1,198	2
Oklahoma	16	285	227	27	.....	4	.....	60	.....
Oregon	10	720	800	47	19	3	146	548	.....
Pennsylvania	123	4,354	8,477	56	3	13	69	661	.....
Rhode Island	3	436	1,068	47	.....	.....	.....	253	.....
South Carolina	7	110	152	6	.....	2	.....	12	.....
South Dakota	3	26	31	2	.....	.....	.....	3	.....
Tennessee	14	461	831	.....	1	.....	3	148	.....
Texas	39	992	1,188	84	.....	14	.....	208	.....
Utah	5	363	275	8	3	2	.....	197	.....
Vermont	10	124	142	.....	.....	.....	9	11	.....
Virginia	16	594	906	26	.....	.....	19	184	.....
Washington	13	1,052	1,007	24	27	429	29	451	49
West Virginia	24	519	610	.....	.....	.....	3	33	.....
Wisconsin	21	767	892	122	.....	.....	3	57	.....
Wyoming	2	22	12	7	.....	.....	.....	3	.....
Total, 1915	1,027	40,454	79,007	3,048	512	538	1,884	14,036	380
Geographic divisions.[2]									
New England States	93	6,115	12,137	413	116	16	76	1,610	3
Eastern States	320	13,600	31,890	1,208	154	38	135	4,099	201
Central States	318	15,961	22,524	906	93	26	1,048	3,754	2
Southern States	102	2,431	3,713	49	7	2	7	900	2
Western States	194	8,347	8,743	472	142	456	618	3,673	167

[1] The reports from which this table is made up are rendered at different dates, the average of which is about June, 1915. In a few cases, where the company owns a large number of service cars compared with the number of passenger cars owned, the total number of such service cars has been omitted. In the case of the electrified steam trunk lines only electric locomotives, motor passenger cars, and trail passenger cars for use with the multiple-unit system, have been included.

[2] New England States—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut. Eastern States—New York, New Jersey, Pennsylvania, Delaware, District of Columbia, Maryland, Virginia, West Virginia. Central States—Michigan, Ohio, Indiana, Kentucky, Wisconsin, Illinois, Minnesota, Iowa, Missouri. Southern States—North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Louisiana, Arkansas. Western States—North Dakota, South Dakota, Nebraska, Nevada, Kansas, Texas, Colorado, Montana, Idaho, Utah, Washington, Oregon, California, Arizona, Oklahoma, New Mexico, Wyoming.

No. 183.—RAILROADS: MILES OF LINE[1] IN SPECIFIED YEARS, 1860 TO 1914, AND PER 100 SQUARE MILES AND PER 10,000 INHABITANTS IN 1914, BY STATES.

[Sources: Calendar years 1860, 1870, and 1880, Poor's Manual of Railroads, the data representing mileage operated; fiscal years ended June 30, 1890, 1900, 1910, 1913, and 1914, statistical reports of the Interstate Commerce Commission, the data representing mileage owned.]

State.	Mileage.								Miles of line, 1914, per—	
	1860	1870	1880	1890	1900	1910[2]	1913[2]	1914[2]	100 sq. m. of territory.	10,000 inhabitants.
Ala.	743	1,157	1,843	3,313.87	4,225.84	5,226.16	5,395.84	5,406.07	10.54	23.90
Ark.	38	256	859	2,195.81	3,359.86	5,305.51	5,329.75	5,335.35	10.16	31.76
Cal.	23	925	2,195	4,356.11	5,751.04	7,771.89	8,182.62	8,368.42	5.38	30.59
Colo.	.....	157	1,570	4,176.19	4,587.25	5,532.56	5,710.30	5,730.27	5.54	63.58
Conn.	601	742	923	1,007.29	1,023.62	1,000.14	1,000.87	999.09	20.73	8.34
Del.	127	197	275	322.69	346.72	334.81	334.97	334.79	17.04	15.99
Fla.	402	446	518	2,470.89	3,299.06	4,431.54	4,908.27	5,119.70	9.33	60.79
Ga.	1,420	1,845	2,459	4,532.37	5,651.72	7,056.49	7,404.36	7,432.68	12.66	26.87
Idaho	.....	.....	206	941.44	1,261.23	2,178.63	2,663.88	2,748.56	3.30	70.20
Ill.	2,790	4,823	7,851	10,213.97	11,002.93	11,878.34	12,012.70	12,139.71	21.66	20.35

No. 184.—RAILROADS: Operated Mileage and Annual Increase of Mileage, 1834 to 1914.[1]

[Sources: Calendar years 1834 to 1889, Poor's Manual of Railroads; years ending June 30, 1890 to 1914, statistical reports of the Interstate Commerce Commission. No mileage included for Alaska or Hawaii. The term "mileage" signifies single-track mileage.]

Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.
1834	633	253	1861	31,286	660	1888	156,114	6,900
1835	1,098	465	1862	32,120	834	1889	161,276	5,162
1836	1,273	175	1863	33,170	1,050	1890	167,191	(2)
1837	1,497	224	1864	33,908	738	1891	172,035	4,844
1838	1,913	416	1865	35,085	1,177	1892	175,691	3,656
1839	2,302	389	1866	36,801	1,716	1893	179,834	4,143
1840	2,818	516	1867	39,250	2,249	1894	182,733	2,899
1841	3,535	717	1868	42,229	2,979	1895	184,628	1,895
1842	4,026	491	1869	46,844	4,615	1896	186,681	2,053
1843	4,185	159	1870	52,922	6,078	1897	188,844	2,163
1844	4,377	192	1871	60,301	7,379	1898	190,870	2,026
1845	4,633	256	1872	66,171	5,870	1899	194,336	3,466
1846	4,930	297	1873	70,268	4,097	1900	198,964	4,628
1847	5,598	668	1874	72,385	2,117	1901	202,288	3,324
1848	5,996	398	1875	74,096	1,711	1902	207,253	4,965
1849	7,365	1,369	1876	76,808	2,712	1903	213,422	6,169
1850	9,021	1,656	1877	79,082	2,274	1904	220,112	6,690
1851	10,982	1,961	1878	81,747	2,665	1905	225,196	5,084
1852	12,908	1,926	1879	86,556	4,809	1906	230,761	5,565
1853	15,360	2,452	1880	93,262	6,711	1907	236,949	6,188
1854	16,720	1,360	1881	103,108	9,846	1908[3]	240,846	----------
1855	18,374	1,654	1882	114,677	11,569	1909[3]	244,084	3,238
1856	22,016	3,642	1883	121,422	6,745	1910[3]	249,992	5,908
1857	24,503	2,487	1884	125,345	3,923	1911[3]	254,732	4,740
1858	26,968	2,465	1885	128,320	2,975	1912[3]	258,033	3,301
1859	28,789	1,821	1886	136,338	8,018	1913[3]	261,036	3,003
1860	30,626	1,837	1887	149,214	12,876	1914[3]	263,547	2,511

[1] For additional trackage, see following table.
[2] See explanation of sources, etc., at head of table.
[3] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

No. 185.—RAILROADS: Length of Single, Second, Third, and Fourth Tracks, and Yard Track and Sidings, and Total Mileage Operated, 1892 to 1914.[1]

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Single track.	Second track.	Third track.	Fourth track.	Yard track and sidings.	Total.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
1892	162,397.30	9,367.21	852.70	626.47	37,807.55	211,051.23
1893	169,779.84	10,051.36	912.98	668.46	40,451.26	221,863.90
1894	175,690.96	10,499.30	953.16	710.99	41,941.37	229,795.78
1895	177,746.25	10,639.96	975.25	783.12	43,181.32	233,275.90
1896	181,982.64	10,685.16	990.45	764.15	44,717.78	239,140.18
1897	183,284.25	11,018.47	995.79	780.48	45,934.46	242,013.45
1898	184,648.26	11,293.25	1,009.65	793.57	47,589.09	245,333.82
1899	187,534.68	11,546.54	1,047.37	790.27	49,223.65	250,142.51
1900	192,556.03	12,151.48	1,094.48	829.29	52,153.02	258,784.30
1901	195,561.92	12,845.42	1,153.96	876.13	54,914.86	265,352.29
1902	200,154.56	13,720.72	1,204.04	895.11	58,220.93	274,195.36
1903	205,313.54	14,681.03	1,303.53	963.36	61,560.06	283,821.52
1904	212,042.00	15,204.04	1,467.14	1,040.50	66,402.46	296,078.34

No. 186.—RAILROAD LOCOMOTIVES: NUMBER IN SERVICE ON JUNE 30, 1896 TO 1914, BY CLASSES OF SERVICE.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year.	Passenger.	Freight.	Switching.	Unclassified.	Total.
1896	9,943	20,351	5,161	495	35,950
1897	10,017	20,398	5,102	469	35,986
1898	9,956	20,627	5,234	417	36,234
1899	9,894	20,728	5,480	601	36,703
1900	9,863	21,596	5,621	583	37,663
1901	10,184	22,839	5,959	602	39,584
1902	10,318	23,594	6,683	630	41,225
1903	10,570	25,444	7,058	799	43,871
1904	11,252	27,029	7,610	852	46,743
1905	11,618	27,869	7,923	947	48,357
1906	12,249	29,848	8,485	1,090	51,672
1907	12,814	32,079	9,258	1,237	55,388
1908[1]	13,185	33,655	8,783	1,110	56,733
1909[1]	13,317	33,935	8,837	1,123	57,212
1910[1]	13,660	34,992	9,115	1,180	58,947
1911[1]	14,301	36,405	9,324	1,297	61,327
1912[1]	14,263	37,159	9,529	1,311	62,262
1913[2]	14,396	37,924	9,834	1,224	63,378
1914[2]	14,612	38,752	10,081	1,315	64,760

[1] Excludes locomotives in the service of switching and terminal companies.
[2] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.

No. 187.—RAILROAD LOCOMOTIVES: NUMBER AND AVERAGE TRACTIVE POWER, GRATE AND HEATING SURFACE, AND WEIGHT OF EACH TYPE, 1905 TO 1914.[1]

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Type.	Number.	Average per locomotive.				
			Tractive power.	Grate surface.	Heating surface.	Weight exclusive of tender.	Weight on drivers.
			Pounds.	*Sq. feet.*	*Sq. feet.*	*Tons.*	*Tons.*
1905	Single expansion	45,033	23,178	30	1,759	62	51
	4-cylinder compound	1,793	32,326	47	2,941	95	73
	2-cylinder compound	870	31,056	38	2,569	83	69
1906	Single expansion	48,309	24,307	31	1,862	66	54
	4-cylinder compound	1,767	33,168	47	3,070	98	75
	2-cylinder compound	887	31,561	38	2,596	84	70
1907	Single expansion	51,891	25,439	[2] 33	1,952	68	56
	4-cylinder compound	1,727	34,345	[2] 48	3,169	101	76
	2-cylinder compound	945	31,335	[2] 39	2,578	83	70
1908[3]	Single expansion	53,374	26,011	[2] 34	2,014	70	57
	4-cylinder compound	1,712	35,321	[2] 49	3,272	104	79
	2-cylinder compound	923	31,378	[2] 39	2,592	84	70
1909[3]	Single expansion	53,977	26,300	[2] 34	2,041	71	58
	4-cylinder compound	1,603	35,173	[2] 47	3,297	105	78
	2-cylinder compound	888	31,509	[2] 39	2,614	85	71
1910[3]	Single expansion	55,867	26,891	[2] 35	2,107	72	59
	4-cylinder compound	1,511	39,440	[2] 49	3,489	112	87
	2-cylinder compound	862	31,326	[2] 39	2,549	84	71
1911[3]	Single expansion	57,963	27,771	[2] 37	2,167	75	61
	4-cylinder compound	1,838	42,970	[2] 52	3,766	122	95

No. 188.—RAILROAD LOCOMOTIVES AND CARS: NUMBER PER 1,000 MILES

SERVICE.

[Source: Statistical reports of the Interstate Commerce Commission.]

I. NUMBER PER 1,000 MILES OF LINE.

Year ended June 30—	Locomotives.					Cars.			
	Passenger.	Freight.	Switching.	Unclassified.	Total.	Passenger.	Freight.	Company's service.	Total.

No. 190.—RAILROAD FREIGHT CARS: NUMBER AND AVERAGE CAPACITY OF EACH CLASS, ON JUNE 30, 1907 TO 1914.[1]

[Source: Statistical reports of the Interstate Commerce Commission.]

Class of car.	1907		1908[2]		1909[2]		1910[2]		1911[2]		1912[2]		1913[3]		1914[3]	
	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.	Number.	Average capacity.
		Tons.		*Tons.*		*Tons.*		*Tons.*		*Tons.*		*Tons.*		*Tons.*		*Tons.*
Box	904,821	31	949,223	32	941,533	32	966,577	33	990,313	34	1,004,005	34	1,032,585	34	1,043,796	35
Flat	156,860	31	158,759	32	154,630	32	153,918	33	153,300	33	150,840	34	147,541	35	146,133	36
Stock	69,997	29	76,218	29	73,494	29	77,584	30	77,590	30	76,535	31	78,308	31	82,971	31
Coal	746,670	38	797,571	39	792,291	40	818,689	41	853,699	42	855,111	43	871,339	44	899,314	45
Tank	5,972	37	6,697	38	6,630	38	7,434	39	7,787	39	7,836	40	8,216	40	8,530	40
Refrigerator	33,617	29	27,929	30	28,204	30	30,918	30	31,786	30	30,693	31	43,389	31	48,886	32
Other	68,080	34	68,770	36	74,556	36	78,411	37	80,856	39	90,219	40	91,911	41	96,017	42
Total	1,986,017	34	2,085,167	35	2,071,338	35	2,133,531	36	2,195,331	37	2,215,239	37	2,273,289	38	2,325,647	39

[1] Data for this table are lacking for some cars included in the preceding table.

[2] Excludes cars in the service of switching and terminal companies.

[3] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.

No. 191.—TRAFFIC ON RAILROADS: ANALYSIS OF STATISTICS OF PASSENGER AND FREIGHT SERVICES, YEARS ENDED JUNE 30, 1890, 1895, 1900, 1905, AND 1909 TO 1914.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Item.	1890	1895	1900	1905	1909 [1]	1910 [1]	1911 [1]	1912 [1]	1913 [2]	1914 [2]
Number of passengers reported as carried	492,430,865	507,421,362	576,831,251	738,834,667	891,472,425	971,683,199	997,409,882	1,004,081,346	1,033,679,680	1,053,138,718
Passengers carried 1 mile	11,847,785,617	12,188,446,271	16,038,076,200	23,800,149,436	29,109,322,589	32,338,496,329	33,201,694,699	33,132,354,783	34,575,872,980	35,258,497,509
Passengers carried 1 mile per mile of line	75,751	68,572	83,290	109,949	127,299	138,169	139,191	136,699	143,067	144,278
Tons carried:										
Number of tons reported as carried	631,740,636	686,614,778	1,081,983,301	1,427,731,965	1,556,559,741	1,849,900,101	1,781,638,043	1,844,977,673	2,058,035,487	1,976,138,155
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers [3]			583,351,351	784,920,188	881,334,355	1,026,491,782	1,003,053,893	1,031,206,606	1,160,862,756	1,109,271,040
Tons carried 1 mile	77,207,047,298	85,227,515,891	141,596,551,161	186,463,109,510	218,802,986,929	255,016,910,451	253,783,701,839	264,080,745,058	301,398,752,108	288,319,890,210
Tons carried 1 mile per mile of line	493,638	479,490	735,352	861,396	953,986	1,071,086	1,053,566	1,078,580	1,245,158	1,176,923
Mileage of revenue passenger trains	[4] 285,575,804	[4] 317,565,615	363,469,596	459,827,029	506,011,038	549,015,003	572,929,421	585,853,528	593,061,212	602,388,660
Average number of passengers in train [5]	41	38	41	48	54	56	55	53	55	56
Average journey per passenger, miles	24.06	24.02	27.80	32.21	32.85	33.50	33.48	33.18	33.58	33.61
Mileage of revenue freight trains	[6] 435,170,812	[6] 449,291,238	492,543,526	546,424,405	568,854,608	635,450,681	626,496,025	612,345,112	643,841,292	605,923,249
Average number of tons in train [5]	177.42	189.69	270.86	322.26	362.57	380.38	383.10	406.76	445.43	451.80
Average haul per ton:										
Typical haul of the average railway, miles	122.21	124.13	130.87	130.60	141.87	138.31	142.88	143.44	146.59	146.04
Typical haul of all the railways regarded as a system, miles			242.73	237.56	251.10	249.68	254.10	256.87	259.99	260.19
Mileage of revenue mixed trains			30,691,508	32,189,996	36,236,916	35,807,207	36,461,466	37,127,992	32,907,378	32,565,313
Total revenue train mileage			886,704,630	1,038,441,430	[7] 1,112,452,351	[8] 1,221,852,647	[8] 1,237,500,138	[8] 1,236,758,715	[8] 1,271,220,178	[8] 1,242,080,241
Total mileage of freight cars			12,476,705,508	15,082,070,763	17,169,413,224	18,981,573,779	19,315,156,130	19,466,402,067	21,034,670,482	20,796,894,831

[1] The figures given for the years ended June 30, 1909 to 1912, are not fully comparable with those shown for previous years, chiefly for the reason that they do not include data for roads classed as switching and terminal.

[2] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.

[3] Figures include an apportionment of unclassified tonnage.

[4] Includes 25 per cent of the total mileage of revenue mixed trains.

[5] For the years 1890 and 1895, 25 per cent of the mixed-train mileage was apportioned to passenger-train mileage and 75 per cent to freight-train mileage; but in computations for subsequent years the total mixed-train mileage was used both with passenger-train mileage and with freight-train mileage.

[6] Includes 75 per cent of the total mileage of revenue mixed trains.

[7] Includes a small amount of special-train mileage not separately reported prior to 1909.

[8] Includes a small amount of unclassified train mileage; also a small amount of special-train mileage not separately reported prior to 1909.

ER AND FREIGHT SERVICES, 1893 TO 1914.

es the short ton of 2,000 pounds.]

ue n ht l.	ight service. Revenue per train-mile, freight trains.[1]	Freight earnings per mile of road.[2]	All trains. Revenues per train-mile.	Operating expenses per train-mile.
s.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
426	1.63018	4,905.78	1.43475	0.97426
938	1.55744	4,001.55	1.36958	.93478
463	1.61190	4,130.24	1.37723	.93029
101	1.63337	4,343.83	1.39567	.93838
712	1.65358	4,239.64	1.38194	.92918
801	1.73112	4,773.46	1.45449	.95635
853	1.79035	4,895.09	1.50436	.98390
373	2.00042	5,466.47	1.65721	1.07288
116	2.13212	5,804.08	1.72938	1.12292
219	2.27093	6,113.58	1.82350	1.17960
158	2.43967	6,629.78	1.91380	1.26604
251	2.42703	6,571.76	1.93960	1.31375
868	2.49689	6,721.28	1.97906	1.32140
594	2.60804	7,486.42	2.07547	1.37060
428	2.74023	8,122.86	2.17741	1.46993
760	2.65307	7,259.00	2.11269	1.47340
563	2.76450	7,184.00	2.16789	1.43370
992	2.86218	8,089.00	2.24628	1.48865
944	2.89548	7,895.00	2.24824	1.54338
605	3.02284	7,962.00	2.29259	1.59077
759	3.24347	9,048.00	2.45387	1.70375
938	3.30845	8,596.00	2.45024	1.76917

[3] See note 1, p. 276. [4] See note 2, p. 276.

No. 193.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING, 1896 TO 1914.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Stock.			Funded debt.					Total railway capital.
	Common.	Preferred.	Total.	Bonds.	Miscellaneous obligations.	Income bonds.	Equipment trust obligations.	Total.	
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1896	4,256,570,577	969,956,692	5,226,527,269	4,517,872,063	457,735,531	314,425,977	50,304,931	5,340,338,502	10,566,865,771
1897	4,367,056,657	997,585,598	5,364,642,255	4,539,911,595	430,718,303	259,847,154	39,888,767	5,270,365,819	10,635,008,074
1898	4,269,271,714	1,118,996,607	5,388,268,321	4,640,762,632	486,977,279	262,194,688	40,351,111	5,430,285,710	10,818,554,031
1899	4,323,300,969	1,191,710,757	5,515,011,726	4,731,054,376	485,781,695	260,048,753	42,058,348	5,518,943,172	11,033,954,898
1900	4,522,291,838	1,323,287,755	5,845,579,593	4,900,626,823	464,983,341	219,536,883	60,308,320	5,645,455,367	11,491,034,960
1901	4,475,408,821	1,331,157,383	5,806,566,204	5,048,811,611	545,780,485	218,872,068	68,116,723	5,881,580,887	11,688,147,091
1902	4,722,056,120	1,302,145,175	6,024,201,295	5,213,421,911	564,794,588	242,556,745	89,208,425	6,109,981,669	12,134,182,964
1903	4,876,961,012	1,278,598,020	6,155,559,032	5,426,730,154	640,704,135	234,016,821	142,980,116	6,444,431,226	12,599,990,258
1904	5,050,529,469	1,289,369,860	6,339,899,329	5,746,898,983	723,114,986	229,876,687	173,334,694	6,873,225,350	13,213,124,679
1905	5,180,933,907	1,373,623,144	6,554,557,051	6,024,449,023	786,241,442	253,707,699	186,302,906	7,250,701,070	13,805,258,121
1906	5,403,001,962	1,400,758,131	6,803,760,093	6,266,770,962	973,647,924	301,523,400	224,719,099	7,766,661,385	14,570,421,478
1907	5,932,948,772	1,423,912,919	7,356,861,691	6,472,839,323	1,616,427,904	306,244,476	329,773,289	8,725,284,992	[1] 16,082,146,683
1908 [2]	5,910,351,430	1,462,860,893	7,373,212,323	6,610,189,953	2,180,965,753	258,584,016	344,592,782	9,394,332,504	[3] 16,767,544,827
1909 [2]	6,218,382,485	1,467,896,060	7,686,278,545	6,942,012,066	2,267,211,732	284,497,531	307,869,061	9,801,590,390	[4] 17,487,868,935
1910 [2]	6,710,168,538	1,403,488,842	8,113,657,380	7,408,183,482	2,250,998,522	290,951,276	353,341,578	10,303,474,858	[5] 18,417,132,238
1911 [2]	7,074,917,534	1,395,800,077	8,470,717,611	7,825,269,102	2,331,574,399	261,777,220	319,596,749	10,738,217,470	[6] 19,208,935,081
1912 [2]	7,248,749,515	1,373,651,306	8,622,400,821	8,015,943,172	2,530,676,934	267,371,927	316,143,410	11,130,135,443	[7] 19,752,536,264
1913 [8]	7,231,515,045	1,379,096,282	8,610,611,327	8,186,366,426	2,379,571,854	250,290,655	369,285,450	11,185,514,385	[9] 19,796,125,712
1914 [8]	7,304,479,846	1,376,279,858	8,680,759,704	8,496,370,538	2,397,400,240	254,230,505	418,540,270	11,566,541,553	[10] 20,247,301,257

[1] Includes $145,321,601, assigned to other than railway property.
[2] Excludes data of switching and terminal companies not segregated for years previous to 1908.
[3] Includes $206,293,937, assigned to other than railway property.
[4] Includes $202,434,630, assigned to other than railway property.
[5] Includes $36,953,808, assigned to other than railway property.
[6] Includes $35,775,324, assigned to other than railway property.
[7] Includes $37,932,835, assigned to other than railway property.
[8] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and their nonoperating subsidiaries; also returns for switching and terminal companies.
[9] Includes $36,340,807, assigned to "Other properties;" $948,689,876 held by or for issuing companies; and $47,703,555, receipts outstanding for installments paid.
[10] Includes $39,396,988 assigned to "Other properties;" $1,023,604,042 held by or for issuing companies; and $59,911,551, receipts outstanding for installments paid.

No. 194.—FINANCES OF RAILROADS: DIVIDENDS ON CAPITAL STOCK AND INTEREST ON FUNDED DEBT, 1892 TO 1914.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Stock paying dividends.			Amount paid in dividends.	Interest on funded debt.	Total of dividends and interest paid.	Interest on interest-bearing current liabilities.
	Amount.	Proportion of total.	Average rate.				
	Dollars.	*Per cent.*	*Per cent.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1892	1,825,705,437	39.40	5.35	97,614,745	240,074,895	337,689,640	7,935,873
1893	1,809,600,846	38.76	5.58	100,929,885	250,176,887	351,106,772	7,989,508
1894	1,767,925,565	36.57	5.40	95,515,226	252,779,523	348,294,749	10,239,190
1895	1,485,618,453	29.94	5.74	85,287,543	252,512,920	337,800,463	7,860,261
1896	1,559,024,075	29.83	5.62	87,603,371	249,624,177	337,227,548	8,469,063
1897	1,603,549,978	29.90	5.43	87,110,599	247,880,230	334,990,829	7,844,336
1898	1,818,113,082	33.74	5.29	96,152,889	246,126,691	342,279,580	7,073,953
1899	2,239,502,545	40.61	4.96	111,009,822	251,158,087	362,167,909	7,102,847
1900	2,668,969,895	45.66	5.23	139,597,972	252,949,616	392,547,588	4,912,892
1901	2,977,575,179	51.27	5.26	156,735,784	262,094,838	418,830,622	5,526,572
1902	3,337,644,681	55.40	5.55	185,391,655	274,421,855	459,813,510	7,717,103
1903	3,450,737,869	56.06	5.70	196,728,176	283,953,124	480,681,300	9,060,645
1904	3,643,427,319	57.47	6.09	221,941,049	297,674,738	519,615,787	13,945,009
1905	4,119,086,714	62.84	5.78	237,964,482	310,631,802	548,596,284	11,451,400
1906	4,526,958,760	66.54	6.03	272,795,974	322,555,934	595,351,908	11,653,076
1907	4,948,756,203	67.27	6.23	308,088,627	344,242,617	652,331,244	16,671,532
1908 [1]	4,843,370,740	65.69	8.07	390,695,351	368,295,579	758,990,930	31,338,440
1909 [1]	4,920,174,118	64.01	6.53	321,071,626	382,675,101	703,746,727	24,226,066
1910 [1]	5,412,578,457	66.71	7.50	405,771,416	399,582,056	805,353,472	16,536,695
1911 [1]	5,730,250,326	67.65	8.03	460,195,376	410,326,852	870,522,228	26,207,567
1912 [1]	5,581,289,249	64.73	7.17	400,315,313	429,026,729	829,342,042	25,409,689
1913 [1]	5,780,982,416	66.14	6.37	369,077,546	[2] 434,752,760	[2] 803,830,306	[2] 31,194,260
1914 [1]	5,667,072,956	64.39	7.97	451,653,346	[2] 439,879,894	[2] 891,533,240	[2] 45,972,506

[1] Excludes data of switching and terminal companies not segregated for years previous to 1908.
[2] Excludes interest paid by so-called small roads (having operating revenues below $100,000 for the year) and switching and terminal companies.

No. 195.—FINANCES OF RAILROADS, CONSIDERED AS A SYSTEM: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED JUNE 30, 1914.[1]

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Amount.	Average amount per mile operated.
Average operated mileage represented (miles)	245,624.55	.....
Rail operations:	*Dollars.*	*Dollars.*
Revenues	3,047,019,908	12,405
Expenses	2,200,313,159	8,958
Net revenue, rail operations	846,706,749	3,447
Auxiliary (or outside) operations:		
Revenues	64,376,514	262
Expenses	65,866,609	268
Net revenue, auxiliary operations	1,490,095	6
Net railway operating revenue	845,216,654	3,441
Railway tax accruals	140,531,575	572
Railway operating income	704,685,079	2,869
Other income:		
Miscellaneous rent income	8,439,406	34
Net profit from miscellaneous physical property	8,997,549	37
Separately operated properties—net profit	3,754,007	15
Net dividend income[2]	27,744,598	113
Net income from funded securities[2]	9,691,555	40
Income from unfunded securities and accounts	38,460,362	157
Income from sinking and other reserve funds	3,282,730	13
Release of premiums on funded debt	83,017	(3)
Miscellaneous income	2,904,810	12
Total other income	103,358,031	421
Gross income	808,043,113	3,290
Deductions from gross income:		
Net deductions for lease of other roads[2]	9,952,081	41
Hire of equipment—net debit balance[2]	19,100,706	78
Deductions from gross income—Continued.		
Joint facility rent deductions[2]	*Dollars.* 12,913,230	*Dollars.* 52
Miscellaneous rent deductions	5,598,997	23
Miscellaneous tax accruals	3,802,545	15
Net interest deductions for funded debt[2]	412,443,080	1,679
Interest deductions for unfunded debt	45,930,106	187
Amortization of discount on funded debt	2,930,605	12
Miscellaneous deductions	8,351,887	34
Total deductions	521,023,237	2,121
Net income	287,019,876	1,169
Balance in profit and loss on June 30 of preceding year	1,073,000,410	4,368
Gross surplus	1,360,020,286	5,537
Adjustments, etc., through profit and loss:		
Credits	73,609,306	300
Debits	104,902,926	427
Net adjustment	31,293,620	127
Surplus available for appropriation	1,328,726,666	5,410
Appropriations for year:		
Appropriations to sinking and other reserves	14,786,266	60
Net dividend appropriations[2]	339,768,533	1,383
Appropriations for additions and betterments	38,385,936	156
Appropriations for new lines and extensions	2,120,849	9
Miscellaneous appropriations	3,389,999	14
Stock and debt discount extinguished	12,681,484	52
Total appropriations for year	411,133,067	1,674
Balance on June 30 carried to general balance sheet	917,593,599	3,736

[1] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year), switching and terminal companies, and for a few roads, the reports of which were not sufficiently complete for use in this statement.

[2] The figures shown for this item represent the net remaining after intercorporate payments were eliminated.

[3] Less than $1.

No. 196.—INCOME AND PROFIT AND LOSS STATEMENTS OF OPERATING ROADS OF CLASSES I AND II:[1] YEAR ENDED JUNE 30, 1914.[2]

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Eastern district [62,781.42 miles of line (average mileage operated) represented].	Southern district [46,587.73 miles of line (average mileage operated) represented].	Western district [136,255.40 miles of line (average mileage operated) represented].	Total [245,624.55 miles of line (average mileage operated) represented].
RAILWAY OPERATING INCOME.				
Rail operations:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Revenues	*1,325,702,824*	*479,955,049*	*1,241,362,035*	*3,047,019,908*
Expenses	1,004,620,282	348,295,136	847,397,741	2,200,313,159
Net revenue, rail operations	321,082,542	131,659,913	393,964,294	846,706,749
Auxiliary (or outside) operations:				
Revenues	36,098,898	4,391,653	23,885,963	64,376,514
Expenses	38,393,359	4,295,517	23,177,733	65,866,609
Net revenue auxiliary operations	−2,294,461	96,136	708,230	−1,490,095
Net railway operating revenue	318,788,081	131,756,049	394,672,524	845,216,654
Railway tax accruals	56,961,665	19,648,762	62,981,093	139,591,520
Railway operating income	261,826,416	112,107,287	331,691,431	705,625,134
OTHER INCOME.				
Income from lease of road	659,154	387,269	2,408,958	3,455,381
Hire of equipment—credit balance	7,254,867	5,285,763	4,442,720	16,983,350
Joint facility rent income	11,027,422	3,227,408	9,540,293	23,795,123
Miscellaneous rent income	4,743,905	818,798	1,927,915	7,490,618
Net profit from miscellaneous physical property	*4,824,729*	*472,203*	*3,580,157*	*8,877,089*
Separately operated properties—profit	1,654,025	9,862	3,434,842	5,098,729
Dividend income	57,546,058	9,145,890	71,976,118	138,668,066
Income from funded securities	8,140,139	5,980,235	21,948,395	36,068,769
Income from unfunded securities and accounts	10,973,677	3,962,377	20,291,249	35,227,303
Income from sinking and other reserve funds	1,790,720	63,305	734,994	2,589,019
Release of premiums on funded debt	35,970	167	12,677	*48,814*
Contributions from other companies	5,695,719	54,214	.....	5,749,933
Miscellaneous income	1,746,047	261,685	833,723	2,841,455
Total other income	116,092,432	29,669,176	141,132,041	286,893,649
Gross income	377,918,848	141,776,463	472,823,472	992,518,783
DEDUCTIONS FROM GROSS INCOME.				
Deductions for lease of other roads	66,918,314	10,092,286	46,169,165	123,179,765
Hire of equipment—debit balance	20,994,417	3,208,615	11,881,024	36,084,056
Joint facility rent deductions	18,632,936	4,952,542	13,122,875	36,708,353
Miscellaneous rent deductions	3,203,040	348,397	1,005,575	4,557,012
Miscellaneous tax accruals	2,539,615	26,569	782,322	3,348,506
Net loss on miscellaneous physical property	1,056	.....	5,010	6,066
Separately operated properties—loss	5,298,675	527,591	294,585	6,120,851
Interest deductions for funded debt	132,490,402	68,215,918	184,984,258	385,690,578
Interest deductions for unfunded debt	19,113,484	1,462,569	20,171,463	40,747,516

No. 196.—Income and Profit and Loss Statements of Operating Roads of Classes I and II: Year Ended June 30, 1914—Continued.

Item.	Eastern district [62,781.42 miles of line (average mileage operated) represented].	Southern district [46,587.73 miles of line (average mileage operated) represented].	Western district [136,255.40 miles of line (average mileage operated) represented].	Total [245,624.55 miles of line (average mileage operated) represented].
DISPOSITION OF NET INCOME—contd.				
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*
Appropriations for new lines and extensions	39,622			39,622
Stock discount extinguished through income				
Miscellaneous appropriations of income	28,637	1,213,994	758,433	2,001,064
Balance transferred to profit and loss	−3,247,520	42,501,741	48,664,915	87,919,136
CHANGES IN PROFIT AND LOSS DURING YEAR.				
Credit balance transferred from income account	37,660,107	45,418,086	78,109,873	161,188,066
Profit on road and equipment sold	621,321	7,854	351,049	980,224
Delayed income credits	13,517,649	488,417	2,540,016	16,546,082
Miscellaneous credits	17,330,402	5,178,670	17,749,506	40,258,578
Total credits during year	69,129,479	51,093,027	98,750,444	218,972,950
Debit balance transferred from income account	40,907,627	2,916,345	29,444,958	73,268,930
Appropriations to sinking and other reserves	247,173	586,035	1,434,857	2,268,065
Dividend appropriations of surplus	34,068,101	27,862,660	100,829,873	162,760,634
Appropriations for additions and betterments	3,326,081	9,896	1,626,924	4,962,901
Appropriations for new lines and extensions		2,107,871	−26,644	2,081,227
Stock discount extinguished through surplus		5,869		5,869
Debt discount extinguished through surplus	5,442,353	1,998,820	5,117,000	12,558,173
Miscellaneous appropriations of surplus	25,570	258,497	1,094,574	1,378,641
Loss on retired road and equipment	3,790,614	417,702	6,637,924	10,846,240
Delayed income debits	9,208,096	2,024,818	13,591,854	24,824,768
Miscellaneous debits	22,565,174	6,083,828	11,710,007	40,359,009
Total debits during year	119,580,789	44,272,341	171,462,227	335,315,357
Net increase during year	−50,451,310	6,820,686	−72,711,783	−116,342,407
Balance at beginning of fiscal period	291,139,209	140,658,336	609,875,342	1,041,672,887
Balance at end of fiscal period	240,687,899	147,479,022	537,163,559	925,330,480

No. 197.—INCOME STATEMENT AND PROFIT AND LOSS STATEMENT OF NONOPERATING ROADS SUBSIDIARY TO ROADS OF CLASSES I AND II:[1] YEAR ENDED JUNE 30, 1914.[2]

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Eastern district.	Southern district.	Western district.	Total.
INCOME STATEMENT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Income from lease of road	62,490,142	7,980,224	40,199,735	110,670,101
Miscellaneous rent income	913,378	1,008	34,402	948,788
Net profit from miscellaneous physical property	65,453	26	110,827	176,306
Separately operated properties—profit	44,650	.....	.....	44,650
Dividend income	406,688	23,908	140,600	571,196
Income from funded securities	175,954	40,285	152,006	368,245
Income from unfunded securities and accounts	345,014	3,092	2,884,953	3,233,059
Income from sinking and other reserve funds	267,994	64,609	361,108	693,711
Release of premiums on funded debt	34,203	.....	.....	34,203
Contributions from other companies	6,460	.....	.....	6,460
Miscellaneous income	8,829	10,968	43,558	63,355
Total	64,758,765	8,124,120	43,927,189	116,810,074
Railway tax accruals	242,889	7,785	689,381	940,055
Gross income	64,515,876	8,116,335	43,237,808	115,870,019
Deductions for lease of other roads	860,758	37,040	.....	897,798
Miscellaneous rent deductions	538,662	250	503,073	1,041,985
Miscellaneous tax accruals	4,036	.....	450,003	454,039
Net loss on miscellaneous physical property	229	15	49,536	49,780
Separately operated properties—loss	.....	.....	.....	.....
Interest deductions for funded debt	25,900,758	3,969,980	23,627,223	53,497,961
Interest deductions for unfunded debt	2,371,271	1,448,231	1,363,088	5,182,590
Amortization of discount on funded debt	33,231	850	14,374	48,455
Transfer of income to other companies	3,428	.....	.....	3,428
Miscellaneous deductions	3,349,595	1,139	34,709	3,385,443
Total deductions from gross income	33,061,968	5,457,505	26,042,006	64,561,479
Net income	31,453,908	2,658,830	17,195,802	51,308,540
Disposition of net income:				
Appropriations to sinking and other reserves	442,870	190,680	537,146	1,170,696
Dividend appropriations of income	33,081,328	2,052,702	2,093,182	37,227,212
Appropriations for additions and betterments	2,202,029	3,266	65,731	2,271,026
Appropriations for new lines and extensions				

No. 198.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENDED JUNE 30, 1907 TO 1914, BY LEADING COMMODITIES.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Commodity.	1907	1908 [1]	1909 [1]	1910 [1]	1911 [1]	1912 [1]	1913 [2]	1914 [2]		
								Originating on road.	Received from connecting roads and other carriers.	Total.
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
Products of agriculture:										
Grain	71,571,083	63,974,893	63,094,886	67,733,043	71,126,786	70,779,832	89,587,276	46,015,410	33,995,658	80,011,068
Flour	18,161,229	16,892,181	18,306,486	19,729,851	19,557,516	19,971,463	21,767,405	9,696,879	12,521,900	22,218,779
Other mill products	13,679,896	13,177,812	13,926,537	15,632,126	15,475,563	16,817,362	17,918,707	7,824,291	10,143,981	17,968,272
Hay	10,796,785	10,240,215	10,323,433	11,744,710	12,033,156	13,754,257	13,046,480	7,318,573	5,969,589	13,288,162
Tobacco	1,699,638	1,490,130	1,530,854	1,833,353	1,706,044	1,947,001	2,128,314	1,070,996	918,572	1,989,568
Cotton	7,774,095	6,232,352	7,695,701	6,122,624	7,228,879	9,221,868	7,997,025	4,140,610	4,484,237	8,624,847
Fruit and vegetables	21,982,354	22,136,182	24,298,311	27,968,788	29,108,043	31,083,546	35,892,658	16,795,429	22,473,607	39,269,036
Other products of agriculture	9,377,145	8,472,620	10,419,485	9,637,198	10,628,085	15,579,590	14,865,327	9,337,719	5,879,389	15,217,108
Total	155,042,225	142,616,385	149,595,693	160,401,693	166,864,072	179,154,919	203,203,192	102,199,907	96,386,933	198,586,840
Products of animals:										
Live stock	9,039,176	18,395,820	18,432,441	18,200,325	20,416,150	20,535,108	21,572,184	14,811,545	6,332,755	21,144,300
Dressed meats	6,143,120	5,618,772	5,656,638	5,953,431	5,637,469	5,702,584	5,855,960	2,282,739	3,162,760	5,445,499
Other packing-house products	5,565,522	5,339,781	5,239,944	4,651,120	4,809,181	5,126,238	5,103,435	2,375,180	2,691,292	5,066,472
Poultry, game, and fish	1,743,253	1,519,612	1,528,547	1,512,280	1,587,942	1,732,682	1,981,139	915,176	1,435,968	2,351,144
Wool	841,325	775,927	1,002,120	904,324	1,023,914	1,017,230	954,196	409,003	666,591	1,075,594
Hides and leather	2,517,361	2,275,390	2,858,682	3,014,630	2,653,507	2,689,907	2,686,586	1,081,086	1,575,269	2,656,355
Other products of animals	3,721,599	3,814,352	4,334,673	4,388,665	5,085,894	6,490,287	7,107,763	5,263,905	3,471,987	8,735,892
Total	39,571,356	37,739,654	39,053,045	38,624,775	41,214,057	43,294,036	45,261,263	27,138,634	19,336,622	46,475,256
Products of mines:										
Anthracite coal	117,131,956	120,526,424	115,959,131	117,480,501	127,402,064	119,835,090	136,205,485	76,006,299	52,820,509	128,826,808
Bituminous coal	411,590,630	387,623,984	392,821,573	467,060,739	479,638,745	525,444,172	562,465,724	307,875,950	253,536,566	561,412,516
Coke	83,652,083	53,998,184	54,618,163	77,990,907	60,804,241	61,941,110	73,155,701	31,345,056	29,438,637	60,783,693
Ores	136,274,966	97,614,917	113,037,038	158,179,430	133,082,878	138,667,493	171,905,292	101,975,316	57,729,915	159,705,231

080,693	98,861,001	99,352,582	103,293,371	130,496,192	93,982,351	31,868,389	125,850,740
592,350	22,493,269	20,848,929	20,031,710	25,639,154	14,890,694	11,977,907	26,868,601
208,948	942,065,847	921,129,439	969,212,946	1,099,867,548	626,075,666	437,371,923	1,063,447,589
584,830	135,677,828	125,185,647	125,350,692	152,065,216	71,054,016	74,410,338	145,464,354
791,366	57,561,905	61,770,233	51,071,833	51,550,278	39,823,765	14,173,147	53,996,912
476,196	193,239,733	186,955,880	176,422,525	203,615,494	110,877,781	88,583,485	199,461,266
244,907	16,531,174	17,596,449	20,677,785	23,536,256	11,674,323	11,986,548	23,660,871
448,971	7,056,371	6,923,808	7,754,719	8,429,702	3,925,968	5,428,229	9,354,197
876,151	1,743,122	1,553,271	1,783,114	1,689,128	1,073,989	651,108	1,725,097
777,597	28,963,137	22,713,623	24,053,768	29,613,282	12,429,012	10,907,031	23,336,043
466,718	9,378,658	8,920,596	7,983,842	10,615,984	3,313,758	4,100,761	7,414,519
007,195	27,274,820	23,052,502	23,843,074	30,951,697	12,052,850	14,488,046	26,540,896
552,433	34,074,515	29,899,867	31,227,138	37,315,634	13,316,510	17,243,933	30,560,443
304,794	59,626,450	61,082,645	62,187,497	73,239,287	41,050,587	30,593,953	71,644,540
575,560	3,249,071	3,264,739	3,399,214	3,865,145	1,585,543	1,940,842	3,526,385
282,152	3,223,308	3,008,857	2,914,832	3,852,949	1,609,284	2,350,215	3,959,499
118,170	6,785,150	6,829,700	7,068,924	7,858,107	4,396,171	3,375,799	7,771,970
151,820	4,081,175	3,820,113	4,198,706	4,722,233	2,254,709	2,549,848	4,804,557
879,583	76,170,549	79,110,164	82,678,331	89,100,195	40,500,577	46,004,608	86,505,185
886,051	278,157,500	267,776,334	279,770,944	324,789,599	149,183,281	151,620,921	300,804,202
408,402	61,234,757	60,976,778	67,377,804	77,971,985	41,474,238	28,864,944	70,339,182
972,364	71,600,523	73,097,558	70,837,892	74,920,823	37,174,388	33,419,276	70,593,664
700,699	1,745,324,828	1,718,014,118	1,786,071,066	2,029,629,904	1,094,123,895	855,584,104	1,949,707,999

s not heretofore segregated.
ating revenues below $100,000 for the year) and of switching and terminal companies.
1907, 154,925,883 tons; 1908, 127,921,780 tons; 1909, 96,859,042 tons; 1910, 104,575,273 tons; 1911, 63,623,836 tons;

No. 199.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1907 TO 1914, BY STATES.

[Source: Statistical reports of the Interstate Commerce Commission.]

State.	1907		1908 [1]		1909 [1]		1910 [1]		1911 [1]		1912 [1]		1913 [2]		1914 [2]	
	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	983,658	218	1,369,057	295	1,396,623	298	1,410,412	297	1,520,686	317	1,619,874	336	1,559,168	322	1,755,382	357
Arizona	266,133	142	279,332	148	303,992	157	321,294	158	434,463	209	575,226	279	884,803	418	1,133,451	525
Arkansas	958,057	224	1,055,652	241	1,119,042	234	1,347,159	277	1,490,864	306	1,740,233	365	1,765,588	419	2,018,598	466
California	2,390,389	390	3,195,314	494	3,299,273	498	3,443,690	508	3,621,052	524	4,173,318	558	4,230,926	571	4,925,589	665
Colorado	1,390,514	287	1,440,719	289	1,497,491	300	1,636,739	306	1,766,000	326	1,831,933	327	1,847,843	339	2,026,619	372
Connecticut	1,360,234	1,339	1,609,895	1,593	1,693,772	1,686	1,867,521	1,867	1,409,108	1,407	1,227,019	1,226	1,115,007	1,114	1,013,836	1,017
Delaware	131,282	391	114,538	340	141,639	421	161,368	482	130,031	388	161,354	482	148,946	445	149,402	446
Dist. Columbia	46,345	1,480	29,675	944	36,539	1,036	56,189	1,562	54,714	1,521	54,292	1,509	56,742	1,659	57,394	1,678
Florida	615,142	176	708,563	187	770,732	198	838,618	208	886,771	212	991,023	224	1,053,651	257	1,207,574	281
Georgia	1,068,654	166	1,281,106	196	1,285,021	194	1,385,516	206	1,486,775	218	1,669,327	247	1,721,666	263	1,820,601	277
Idaho	399,937	233	579,193	312	547,864	288	714,427	345	785,051	337	1,395,779	581	1,434,985	584	1,738,925	662
Illinois	5,649,300	472	5,205,961	441	5,461,020	463	5,937,797	501	5,976,477	501	6,335,118	532	6,866,113	575	8,097,545	675
Indiana	3,468,895	481	3,585,182	490	3,792,322	518	3,845,333	521	4,145,568	562	4,193,485	569	4,536,007	624	4,880,652	670
Indian Territory	67,165	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	2,300,545	234	2,254,019	230	2,357,250	242	2,463,401	253	2,630,145	269	2,739,734	280	2,830,763	294	3,283,344	337
Kansas	2,637,293	296	3,060,247	343	2,760,507	309	3,074,085	344	2,837,915	316	3,490,893	387	3,401,988	380	3,593,097	396
Kentucky	1,213,161	366	1,104,258	333	1,236,719	369	1,073,463	312	1,374,307	396	1,301,159	366	1,637,277	469	2,188,544	619
Louisiana	902,638	218	1,091,021	245	1,171,981	253	1,238,064	250	1,324,555	265	1,444,817	293	1,486,000	330	1,778,823	381
Maine	586,704	292	654,090	314	660,107	314	674,962	301	780,429	345	937,239	417	971,889	455	1,060,336	496
Maryland	861,931	620	910,245	675	975,556	711	1,015,666	742	1,041,519	754	884,929	641	951,652	733	983,434	732
Massachusetts	3,185,260	1,525	2,913,032	1,394	3,132,072	1,500	3,097,480	1,484	3,402,387	1,631	3,592,215	1,723	3,542,864	1,699	3,232,883	1,550
Michigan	3,408,883	398	3,422,858	396	3,599,755	424	4,051,524	469	4,163,197	490	4,104,538	481	4,013,839	478	4,316,394	519
Minnesota	3,407,313	429	3,144,571	388	3,206,062	381	3,958,061	461	3,744,265	425	3,909,691	441	4,808,295	543	5,396,777	605
Mississippi	783,265	214	825,268	214	950,823	242	997,063	250	1,013,915	252	1,012,753	252	1,364,658	354	1,702,928	442

Missouri	1,629,914	206	1,471,194	187	1,548,796	196	1,830,155	230	1,859,948	232	2,028,768	253	2,204,835	283	2,173,382	279
Montana	882,421	271	1,001,225	298	999,275	289	1,485,534	356	1,634,809	385	1,723,495	405	1,874,409	428	2,119,912	445
Nebraska	2,546,264	429	1,858,096	309	1,873,305	311	2,030,864	335	2,182,954	360	2,299,663	375	2,324,355	378	2,594,851	420
Nevada	409,646	265	502,088	283	522,806	291	668,121	388	1,092,779	627	826,293	375	931,520	444	983,927	472
New Hampshire	441,713	358	467,327	379	496,375	402	777,864	629	708,217	572	751,443	607	862,257	691	809,313	649
New Jersey	4,561,655	2,047	4,198,431	1,926	4,702,291	2,166	5,066,216	2,290	5,148,853	2,335	7,095,637	3,146	6,823,429	3,187	6,604,781	3,068
New Mexico	361,411	139	445,753	154	524,508	180	745,120	254	560,874	192	680,909	233	970,915	337	1,276,641	443
New York	5,764,330	686	5,552,431	672	6,675,522	800	7,312,137	877	7,561,014	898	10,187,417	1,212	10,526,756	1,291	10,709,722	1,311
North Carolina	704,533	177	870,207	211	899,381	213	951,781	220	1,017,757	225	1,287,314	280	1,328,202	313	1,449,443	336
North Dakota	1,031,593	265	1,074,277	265	1,207,178	297	1,427,261	341	1,400,463	317	1,690,454	379	1,802,379	364	1,782,144	354
Ohio	5,080,488	569	5,102,702	576	5,339,622	599	5,457,363	611	6,144,151	680	7,006,516	774	7,800,153	872	9,235,378	1,032
Oklahoma	544,984	194	1,046,490	187	2,643,603	460	2,967,148	499	2,774,641	460	2,648,149	433	3,117,403	509	3,391,688	545
Oregon	391,737	228	527,342	297	861,482	446	912,851	444	830,462	360	1,461,162	608	1,479,983	599	1,730,265	683
Pennsylvania	5,541,396	510	5,896,956	554	5,917,452	552	6,352,492	587	7,491,403	689	7,092,339	647	8,489,875	810	8,824,383	821
Rhode Island	229,309	1,100	248,382	1,204	259,775	1,243	276,268	1,302	283,326	1,336	287,294	1,411	350,960	1,773	365,252	1,845
South Carolina	556,712	176	711,405	224	731,232	226	763,846	232	819,996	248	875,679	259	863,742	272	938,990	288
South Dakota	355,811	101	525,505	153	664,523	182	834,162	211	882,728	213	942,935	227	956,241	230	1,061,203	255
Tennessee	935,567	267	1,038,629	298	1,091,261	301	1,180,760	326	1,226,618	334	1,363,374	368	1,344,055	370	1,644,120	448
Texas	1,910,682	153	3,098,759	243	2,456,776	189	2,687,542	196	2,812,477	199	3,399,520	233	3,216,712	225	4,382,808	299
Utah	575,081	320	686,266	381	672,446	375	692,424	383	723,673	394	822,741	412	933,246	456	1,096,726	541
Vermont	177,040	172	210,260	205	230,475	226	256,657	251	280,217	272	293,873	286	386,888	395	499,224	509
Virginia	1,492,013	376	1,569,136	385	1,598,542	369	1,756,022	400	2,153,796	488	2,193,180	494	2,244,540	532	2,428,900	579
Washington	1,443,564	415	1,933,175	549	2,080,051	507	3,150,542	685	2,844,978	568	3,615,254	736	3,749,488	769	4,860,509	995
West Virginia	1,237,049	413	1,391,699	471	1,426,232	467	1,453,699	463	1,478,675	461	1,485,946	452	1,492,545	477	1,760,479	557
Wisconsin	3,009,273	414	2,965,945	409	3,153,703	440	3,162,137	440	3,306,656	456	3,583,427	482	3,855,843	544	4,387,545	619
Wyoming	211,122	141	336,089	216	360,785	230	614,314	384	631,534	395	614,301	376	655,993	403	789,340	448
Total [3]	80,108,006	367	84,563,565	382	90,333,559	401	99,423,112	431	103,873,193	444	115,643,032	488	122,817,394	528	136,263,054	579

[1] Excludes taxes of switching and terminal companies.

[2] Excludes taxes of so-called small roads (having operating revenues below $100,000 for the year) and switching and terminal companies.

[3] The figures exclude certain amounts of taxes not apportioned by States, as follows: 1907, $204,369; 1908, $103,995; 1909, $224,757; 1910, $4,431,754 (including $4,315,195, assessed by the United States Government, chiefly as a special excise tax); 1911, $5,027,406 (including $4,870,776, assessed by the United States Government, chiefly as a special excise tax); 1912, $5,026,660 (including $4,861,746, assessed by the United States Government, chiefly as a special excise tax); 1913, $5,108,433 (including $4,908,212 assessed by the United States Government, chiefly as a special excise tax); 1914, $4,961,072 (including $4,769,512 assessed by the United States Government, chiefly as a special excise tax).

No. 200.—RAILROAD ACCIDENTS (STEAM RAILWAYS): NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1892 TO 1913.

No. 201.—RAILROAD ACCIDENTS: CASUALTIES TO PERSONS, YEARS ENDED JUNE 30, 1914 AND 1915.[1]

[Source: Accident bulletins of the Interstate Commerce Commission.]

Cause.[2]	1914									1915								
	Number of accidents.	Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nontrespassers).		Total persons.		Number of accidents.	Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nontrespassers).		Total persons.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions	5,241	38	3,426	226	2,324	23	126	287	5,876	3,537	41	1,987	77	1,401	16	105	134	3,493
2. Derailments	8,565	46	3,512	214	1,858	58	191	318	5,561	6,846	45	2,529	131	1,375	72	157	248	4,061
3. Miscellaneous train accidents, including locomotive-boiler explosions	1,200	1	63	17	758	3	9	21	830	1,159	3	132	18	667	7	9	28	808
Total train accidents	15,006	85	7,001	457	4,940	84	326	626	12,267	11,542	89	4,648	226	3,443	95	271	410	8,362
4. Accidents to roadway or bridges not causing derailment, such as fires, floods, landslides, explosions, etc.	877				10	3	2	3	12	762				1				1
5. Accidents in connection with railroad operation other than those to trains or roadway, not including industrial accidents		180	8,120	2,393	46,988	6,691	12,001	9,264	67,109		133	7,462	1,583	35,456	6,152	11,567	7,868	54,485
Total (causes 1 to 5)		265	15,121	2,850	51,938	6,778	12,329	9,893	79,388		222	12,110	1,809	38,900	6,247	11,838	8,278	62,848
Industrial accidents to employees:																		
6. While working on tracks or bridges				154	26,941			154	26,941				146	24,867			146	24,867
7. At stations, freight houses, engine houses, coaling stations, water stations, etc., where no moving railroad car or engine is involved				70	26,126			70	26,126				69	23,533			69	23,533
8. In and around shops				101	53,051			101	53,051				63	45,029			63	45,029
9. On boats and wharves				22	1,788			22	1,788				26	1,731			26	1,731
10. At other places				62	5,368			62	5,368				39	4,032			39	4,032
Total casualties in industrial accidents				409	113,274			409	113,274				343	99,192			343	99,192
Total casualties in all accidents		265	15,121	3,259	165,212	6,778	12,329	10,302	192,662		222	12,110	2,152	138,092	6,247	11,838	8,621	162,040

[1] See also preceding table.

[2] Items 1 to 5, inclusive, cover all accidents to and around trains, cars, and engines, including, in general, all casualties resulting from train operation. "Industrial" accidents (items 6 to 10, inclusive) are those which do not involve train operation, but occur to railroad employees other than trainmen on railroad premises.

No. 202.—EMPLOYEES OF RAILROADS: Number in Service on June 30 of Specified Years, 1890 to 1914, by Classes.

[Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1890	1896	1898	1900	1902	1903	1904	1905	1906	1907	1908[1]	1909[1]	1910[1]	1912[1]	1913[2]	1914[1]
General officers	5,160	5,372	4,956	4,916	4,816	4,842	5,165	5,536	6,090	6,407	5,076	5,492	5,476	5,790	4,398	5,740
Other officers	(3)	2,718	3,925	4,669	5,039	5,201	5,375	5,706	6,705	7,549	7,751	8,022	9,392	10,414	10,706	11,153
General office clerks	22,239	26,328	26,845	32,265	37,570	42,218	46,037	51,284	57,210	65,700	63,973	69,959	76,329	78,818	84,267	87,106
Station agents	25,665	29,723	30,699	31,610	33,478	34,892	34,918	35,245	34,940	35,649	35,740	36,519	37,379	38,428	37,721	39,147
Other station men	66,431	75,919	78,603	89,851	105,433	120,724	120,002	125,180	138,778	152,929	132,013	136,733	153,104	161,730	167,450	163,603
Enginemen	33,354	35,851	37,939	42,837	48,318	52,993	52,451	54,817	59,855	65,298	57,668	57,077	64,691	64,382	67,926	62,021
Firemen	34,634	36,762	38,925	44,130	50,651	56,041	55,004	57,892	62,678	69,384	61,215	60,349	68,321	67,195	70,477	64,959
Conductors	23,513	25,457	26,876	29,957	35,070	39,741	39,645	41,061	43,936	48,869	43,322	43,608	48,682	49,685	52,086	48,201
Other trainmen	61,734	64,806	66,968	74,274	91,383	104,885	106,734	111,405	119,087	134,257	114,580	114,760	136,938	137,067	146,855	136,809
Machinists	27,601	29,272	28,832	32,831	39,145	44,819	46,272	47,018	51,253	55,244	44,941	48,237	55,193	57,507	60,726	56,468
Carpenters	37,936	38,846	40,374	46,666	51,698	56,407	53,646	56,089	63,830	70,394	58,946	60,867	68,085	70,817	78,654	72,923
Other shopmen	80,733	95,613	99,717	114,773	136,579	154,635	159,472	176,348	199,940	221,656	176,680	195,110	225,196	249,429	271,095	256,133
Section foremen	27,129	30,372	30,771	33,085	35,700	37,101	37,609	38,217	40,463	41,391	41,419	41,859	44,207	44,277	44,737	44,977
Other trackmen	157,036	169,664	184,494	226,799	281,075	300,714	289,044	311,185	343,791	367,277	299,448	320,762	378,955	357,326	376,871	337,451
Switch tenders, crossing tenders, and watchmen	37,669	44,266	47,124	50,789	50,489	49,961	46,262	45,532	49,659	53,414	46,221	44,698	44,682	38,773	38,253	37,873
Telegraph operators and dispatchers	18,968	21,682	22,488	25,218	28,244	30,984	30,425	31,963	36,090	39,193	39,744	39,115	42,435	42,548	43,061	40,464
Employees—account floating equipment	6,199	5,502	6,349	7,597	7,426	7,949	7,495	8,753	8,314	9,139	8,028	8,758	10,549	12,056	13,780	13,019
All other employees and laborers	83,300	88,467	98,673	125,386	147,201	168,430	160,565	178,965	198,736	228,324	199,510	210,898	229,806	230,138	247,076	232,249
Total	749,301	826,620	874,558	1,017,653	1,189,315	1,312,537	1,296,121	1,382,196	1,521,355	1,672,074	1,436,275	1,502,823	1,699,420	1,716,380	1,815,239	1,710,296

[1] Excludes employees of switching and terminal companies.

[2] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.

[3] Annual report form for this year did not provide for this class of employees.

: TOTAL YEARLY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1890 TO 1914, BY CLASSES.[1]

Source: Statistical reports of the Interstate Commerce Commission.]

1898	1900	1902	1904	1906	1908[2]	1910[2]	1912[2]	1913[3]	1914[2]
ollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
632,224	13,157,420	13,090,284	14,475,126	15,911,369	16,213,474	17,949,017	19,298,782	19,481,672	21,338,995
870,275	8,141,500	9,491,146	10,816,880	12,870,203	16,689,833	19,499,753	22,203,792	23,294,470	24,247,155
859,404	23,127,228	26,853,600	34,735,708	41,227,916	51,867,978	58,176,906	64,739,954	69,443,296	75,429,665
692,146	18,553,252	20,172,608	22,584,269	22,571,595	25,908,206	27,203,943	29,935,642	30,016,048	31,841,367
237,653	45,627,016	53,709,985	66,318,729	70,702,517	81,766,135	88,926,764	97,612,039	106,242,920	109,134,046
307,993	50,713,401	58,135,447	68,946,543	74,581,454	84,517,730	91,323,678	102,762,809	111,350,613	109,376,377
199,230	29,203,596	33,780,709	40,463,040	44,247,306	50,747,825	55,626,502	62,117,000	67,238,331	67,137,366
316,465	30,089,322	35,211,477	44,150,760	47,417,403	55,479,055	59,716,891	68,695,203	73,261,603	73,527,535
597,133	44,844,475	56,335,462	75,521,384	81,884,828	97,456,690	109,664,112	127,060,109	139,409,443	139,524,007
507,896	22,924,702	28,412,840	37,344,571	40,326,031	42,368,436	48,589,476	54,327,638	60,008,941	58,223,801
951,246	28,144,452	31,925,126	36,654,270	40,961,083	44,552,855	50,058,065	53,241,527	61,318,197	60,266,619
359,701	59,470,846	73,269,159	94,463,049	111,524,564	121,695,515	145,457,974	167,807,528	191,645,024	191,359,706
223,628	18,481,594	20,356,376	22,555,363	23,519,671	27,658,733	29,424,298	31,758,239	32,894,238	34,390,180
303,740	71,664,298	89,536,409	104,600,785	112,196,214	122,994,426	140,200,782	136,067,014	156,806,395	148,115,441
633,630	29,599,258	28,669,990	26,920,495	27,939,001	27,607,830	24,880,701	22,982,964	22,422,731	22,917,957
259,057	16,176,401	18,281,069	21,770,296	24,729,669	30,989,257	32,348,603	34,890,615	36,519,803	36,574,687
551,898	4,247,915	4,363,822	4,884,713	4,776,654	6,224,613	7,567,768	9,080,589	9,232,572	9,495,128
552,299	63,098,165	74,433,083	90,392,829	103,414,175	130,698,937	137,110,073	147,766,253	163,244,292	168,211,260
055,618	577,264,841	676,028,592	817,598,810	[5]900,801,053	1,035,437,528	1,143,725,306	1,252,347,697	1,373,830,589	1,381,117,292

employees for all the years mentioned, excepting 1906, the per cent for which was over 96.
switching and terminal companies.
s (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.
provide for this class of employees.
ı Pacific Co. (not reported). The corresponding amount paid in 1907 was $35,724,918.

No. 204.—EMPLOYEES OF RAILROADS: AVERAGE DAILY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1892 TO 1914, BY CLASSES.

[Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1892	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908[1]	1909[1]	1910[1]	1912[1]	1913[2]	1914[2]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
General officers	7.83	9.73	10.03	10.45	10.97	11.17	11.27	11.61	11.74	11.81	11.93	13.11	12.67	13.27	13.13	15.67	16.06
Other officers	(3)	5.21	5.18	5.22	5.56	5.60	5.76	6.07	6.02	5.82	5.99	6.27	6.40	6.22	6.32	6.44	6.48
General office clerks	2.23	2.25	2.20	2.19	2.19	2.18	2.21	2.22	2.24	2.24	2.30	2.33	2.31	2.40	2.50	2.51	2.54
Station agents	1.82	1.73	1.74	1.75	1.77	1.80	1.87	1.93	1.93	1.94	2.05	2.09	2.08	2.12	2.20	2.28	2.33
Other station men	1.68	1.61	1.60	1.60	1.59	1.61	1.64	1.69	1.71	1.69	1.78	1.82	1.82	1.84	1.89	1.96	1.98
Enginemen	3.68	3.72	3.72	3.75	3.78	3.84	4.01	4.10	4.12	4.12	4.30	4.45	4.44	4.55	5.00	5.20	5.24
Firemen	2.08	2.09	2.10	2.14	2.16	2.20	2.28	2.35	2.38	2.42	2.54	2.64	2.67	2.74	3.02	3.13	3.22
Conductors	3.08	3.13	3.13	3.17	3.17	3.21	3.38	3.50	3.50	3.51	3.69	3.81	3.81	3.91	4.29	4.39	4.47
Other trainmen	1.90	1.95	1.94	1.96	2.00	2.04	2.17	2.27	2.31	2.35	2.54	2.60	2.59	2.69	2.96	3.04	3.09
Machinists	2.29	2.28	2.29	2.30	2.32	2.36	2.50	2.61	2.65	2.69	2.87	2.95	2.98	3.08	3.21	3.26	3.27
Carpenters	2.08	2.02	2.03	2.04	2.06	2.08	2.19	2.26	2.25	2.28	2.40	2.40	2.43	2.51	2.55	2.63	2.66
Other shopmen	1.72	1.70	1.72	1.73	1.75	1.78	1.86	1.91	1.92	1.92	2.06	2.12	2.13	2.18	2.24	2.31	2.36
Section foremen	1.76	1.69	1.68	1.68	1.71	1.72	1.78	1.78	1.79	1.80	1.90	1.95	1.96	1.99	2.09	2.14	2.20
Other trackmen	1.22	1.16	1.18	1.22	1.23	1.25	1.31	1.33	1.32	1.36	1.46	1.45	1.38	1.47	1.50	1.58	1.59
Switch tenders, crossing tenders, and watchmen	1.80	1.74	1.77	1.80	1.74	1.77	1.76	1.77	1.79	1.80	1.87	1.78	1.73	1.69	1.70	1.70	1.71
Telegraph operators and dispatchers	1.92	1.92	1.93	1.96	1.98	2.01	2.08	2.15	2.19	2.13	2.26	2.30	2.30	2.33	2.47	2.52	2.56
Employees—account floating equipment	2.03	1.89	1.89	1.92	1.97	2.00	2.11	2.17	2.17	2.10	2.27	2.38	2.31	2.22	2.37	2.37	2.35
All other employees and laborers	1.68	1.67	1.68	1.71	1.69	1.71	1.77	1.82	1.83	1.83	1.92	1.97	1.98	2.01	2.10	2.15	2.20

[1] Excludes compensation of employees of switching and terminal companies.
[2] Excludes returns for so-called small roads (having operating revenues below $100,000 for the year) and returns for switching and terminal companies.
[3] Annual report form for this year did not provide for this class of employees.

No. 205.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: NUMBER AND MILEAGE, 1877 TO 1915.

[Source: The Railway Age, Chicago.]

Calendar year.	Placed under receivership.			Sold under foreclosure.		
	Number of roads.	Miles.	Stocks and bonds.	Number of roads.	Miles.	Stocks and bonds.
			Dollars.			*Dollars.*
1877	38	3,637	220,294,000	54	3,875	198,984,000
1878	27	2,320	92,385,000	48	3,906	311,631,000
1879	12	1,102	39,367,000	65	4,909	243,288,000
1880	13	885	140,265,000	31	3,775	263,882,000
1881	5	110	3,742,000	29	2,617	137,923,000
1882	12	912	39,074,000	16	867	65,426,000
1883	11	1,990	108,470,000	18	1,354	47,100,000
1884	37	11,838	714,755,000	15	710	23,504,000
1885	44	8,836	385,460,000	22	3,156	278,394,000
1886	13	1,799	70,346,000	45	7,687	374,109,000
1887	9	1,046	90,318,000	31	5,478	328,181,000
1888	22	3,270	186,814,000	19	1,596	64,555,000
1889	22	3,803	99,664,000	25	2,930	137,815,000
1890	26	2,963	105,007,000	29	3,825	182,495,000
1891	26	2,159	84,479,000	21	3,223	169,069,000
1892	36	10,508	357,692,000	28	1,922	95,898,000
1893	74	29,340	1,781,046,000	25	1,618	79,924,000
1894	38	7,025	395,791,000	42	5,643	318,999,000
1895	31	4,089	369,075,000	52	12,831	761,791,000
1896	34	5,441	275,597,000	58	13,730	1,150,377,000
1897	18	1,537	92,909,000	42	6,675	517,680,000
1898	18	2,069	138,701,000	47	6,054	252,910,000
1899	10	1,019	52,285,000	32	4,294	267,534,000
1900	16	1,165	78,234,000	24	3,477	190,374,000
1901	4	73	1,627,000	17	1,139	85,808,000
1902	5	278	5,835,000	20	693	39,788,000
1903	9	229	18,823,000	13	555	15,885,000
1904	8	744	36,069,000	13	524	28,266,000
1905	10	3,593	176,321,000	6	679	20,307,000
1906	6	204	55,042,000	8	262	10,400,000
1907	7	317	13,585,000	6	114	13,777,000
1908	24	8,009	596,359,000	3	138	2,547,000
1909	5	859	78,095,000	12	2,629	250,033,000
1910	7	735	51,427,500	17	1,100	93,660,109
1911	5	2,606	210,606,882	13	1,886	49,741,453
1912	13	3,784	182,112,497	12	661	25,910,990
1913	17	9,020	477,780,820	6	1,159	86,163,850
1914	22	4,222	199,571,446	9	1,470	83,189,500
1915	12	20,143	1,070,808,628	11	3,914	285,258,782
Total	788	169,541	9,532,833,733	1,014	126,410	7,761,426,784

No. 206.—EXPRESS COMPANIES: CLASSIFICATION OF MILEAGE COVERED BY OPERATIONS, JUNE 30, 1915, COMPARED WITH TOTAL FOR 1914.

[Source: Statistical reports to the Interstate Commerce Commission.]

Company.	Steam road.	Electric line.	Steamboat line.	Stage line.	Total, 1915.	Total, 1914.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Adams Express Co	37,859.94	2,587.28	4,483.00	.....	44,930.22	38,382.94
American Express Co	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

OMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEARS ENDED JUNE 30, 1914 AND 1915.

[Source: Statistical reports to the Interstate Commerce Commission.]

1914.

m.	Adams Express Co.	American Express Co.[1]	Canadian Express Co.	Canadian Northern Express Co.	Globe Express Co.	Great Northern Express Co.	Northern Express Co.
ACCOUNT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
	33,613,442	45,102,949	3,450,246	971,947	679,294	3,296,065	3,054,809
	17,532,432	22,151,806	1,666,473	374,704	336,571	1,970,918	1,637,573
	16,081,010	22,951,143	1,783,773	597,243	342,724	1,325,147	1,417,236
	16,842,653	23,214,575	1,661,834	402,993	357,917	1,086,305	1,093,244
	[2] 761,643	[2] 263,432	121,939	194,250	[1] 15,193	238,842	323,992
operations	[2] 64,871		5,827				
	[2] 826,514	[2] 263,432	127,766	194,250	[1] 15,193	238,842	323,992
	[2] 203,743	381,338	38,949	21,157	[1] 12,049	45,659	60,376
	[2] 1,030,256	[2] 644,770	88,816	173,093	[1] 27,243	193,183	263,616
	1,806,311	648,590			188,998	2,556	51,527
	776,055	[2] 3,820	88,816	173,093	161,755	195,739	315,143
	927,339	204,571		170		6,704	13,930
	[2] 151,285	[2] 200,751	88,816	172,922	161,755	189,035	301,213
income			[3] 88,816		180,042	100,000	300,000
rate income							
and loss	[2] 151,285	[2] 200,751		172,922	[2] 18,287	89,035	1,213
SS ACCOUNT.							
preceding year	26,292,108	19,298,461			315,134	438,502	454,988
income	[2] 151,285	[2] 200,751		172,922	[2] 18,287	89,035	1,213
s	907,560	1,400,800		169,323		100,000	
it balance	[2] 18,323,699	[2] 11,820,980		[2] 3,599	36		114
ried to balance sheet	6,909,564	5,875,930			296,932	427,537	456,315

, Fargo & Co.	Western Express Co.	Grand total, 11 companies, 1914.
ollars.	*Dollars.*	*Dollars.*
1,862,933	1,226,873	158,891,325
5,816,159	661,286	79,906,078
6,046,773	565,588	78,985,248
4,600,091	593,656	77,221,995
1,446,683	[2] 28,068	1,763,254
27,905	.....	[2] 33,887
1,474,588	[2] 28,068	1,729,368
402,426	10,837	1,491,698
1,072,162	[2] 38,905	237,669
1,286,296	3,871	4,531,742
2,358,457	[2] 35,034	4,769,410
13,862	6,825	1,269,689
2,344,595	[2] 41,859	3,499,719
1,917,392	.....	2,986,250
.....	.....	.....
427,203	[2] 41,859	513,469
3,673,623	64,851	60,165,378
427,203	[2] 41,859	513,469
.....	.....	2,577,683
[2] 139,610	.....	[2] 30,468,534
3,961,216	22,993	27,632,630

merican Express Co.

No. 207.—Express Companies: Income Account and Profit and Loss Account of Specified Companies, Years Ended June 30, 1914 and 1915—Continued.

1915.

Item.	Adams Express Co.	American Express Co.[1]	Canadian Express Co.	Globe Express Co.[2]	Great Northern Express Co.
INCOME ACCOUNT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Charges for transportation	34,631,486	46,735,416	3,100,781	601,549	3,138,116
Express privileges—Dr	17,167,041	23,458,861	1,554,427	303,433	1,903,533
Revenue from transportation	17,464,445	23,276,555	1,546,354	298,116	1,234,583
Revenue from operations other than transportation	508,498	2,388,646	107,441	8,111	52,689
Total operating revenues	17,972,943	25,665,201	1,653,795	306,227	1,287,272
Operating expenses	18,088,935	24,660,305	1,575,942	298,631	1,058,576
Net operating revenue	[3] 115,992	1,004,896	77,853	7,596	228,696
Uncollectible revenue from transportation	6,075	3,150	101	.....	124
Express taxes	194,931	417,934	51,949	11,196	45,155
Operating income	[3] 316,998	583,812	25,803	[3] 3,600	183,417
Other income	1,543,931	576,192	5,874	137,515	2,556
Gross income	1,226,933	1,160,004	31,677	133,915	185,973
Deductions from gross income	973,451	188,830	.....	.....	8,876
Net income	253,482	971,174	31,677	133,915	177,097
Dividend appropriations of income	.....	.....	[4] 31,677	90,021	100,000
Other deductions from net income	.....	.....	.....	.....	.....
Income balance transferred to profit and loss	253,482	971,174	.....	43,894	77,097
PROFIT AND LOSS ACCOUNT.					
Credit balance on June 30 of the preceding year	6,909,564	5,875,930	.....	296,932	427,537
Credit balance for the year from income	253,482	971,174	.....	43,894	77,097
Dividend appropriations of surplus	453,780	699,560	.....	.....	100,000
Other profit and loss items—credit balance	561,604	[3] 110,944	.....	[3] 24,478	[3] 7,289
Balance, credit, carried to balance sheet	7,270,870	6,036,600	.....	316,348	397,345

Item.	Northern Express Co.	Southern Express Co.	Wells, Fargo & Co.	Western Express Co.	Grand total, 9 companies, 1915.
INCOME ACCOUNT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Charges for transportation	2,778,592	14,085,100	38,555,664	1,183,707	144,810,411
Express privileges—Dr	1,515,586	7,278,117	19,724,414	602,151	73,507,563
Revenue from transportation	1,263,006	6,806,983	18,831,250	581,556	71,302,848
Revenue from operations other than transportation	40,251	300,882	734,633	37,523	4,178,674
Total operating revenues	1,303,257	7,107,865	19,565,883	619,079	75,481,522
Operating expenses	1,060,618	6,302,801	17,860,840	622,333	71,529,981
Net operating revenue	242,639	805,064	1,705,043	[3] 4,254	3,951,541
Uncollectible revenue from transportation	205	662	10,878	115	21,310
Express taxes	60,642	172,958	413,293	11,837	1,379,895
Operating income	181,792	631,444	1,280,872	[3] 16,206	2,550,336
Other income	50,222	147,692	1,095,317	2,620	3,561,919
Gross income	232,014	779,136	2,376,189	[3] 13,586	6,112,255
Deductions from gross income	9,596	30,261	37,511	524	1,249,049
Net income	222,418	748,875	2,338,678	[3] 14,110	4,863,206
Dividend appropriations of income	200,000	400,000	1,438,044	.....	2,259,742
Other deductions from net income	.....	.....	.....	.....	.....
Income balance transferred to profit and loss	22,418	348,875	900,634	[3] 14,110	2,603,464
PROFIT AND LOSS ACCOUNT.					
Credit balance on June 30 of the preceding year	456,315	6,074,986	6,961,216	20,683	27,023,163
Credit balance for the year from income	22,418	348,875	900,634	[3] 14,110	2,603,464
Dividend appropriations of surplus	300,000	.....	.....	.....	1,553,340
Other profit and loss items—credit balance	[2] 14,330	[3] 354,419	[3] 383,449	4,242	[3] 329,063
Balance, credit, carried to balance sheet	164,403	6,069,442	7,478,401	10,815	27,744,224

[1] Statement includes the operations of the National Express Co., such operations being entirely for and on account of the American Express Co.
[2] Discontinued operations on Apr. 30, 1915.
[3] Debit.
[4] Represents balance turned over to Grand Trunk Railway Co. of Canada.

No. 208.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1901 TO 1914.[1]

[Source: From reports of the Chief of Engineers, War Department.]

Section of river and year.	Grain and its products.	Cotton.	Cotton seed and its prod-	Live stock.	Coal and coke.	Lumber.	Logs.

No. 208.—Lower Mississippi River: Commerce (Receipts and Shipments), 1901 to 1914—Continued.

Section of river and year.	Iron, steel, and metals.	Groceries and provisions.	Gravel, sand, and stone.	Oil.[1]	Miscellaneous and unclassified.	Total.
St. Louis and Cairo:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
1901	29,122	83,656	.....	.....	67,573	563,848
1902	3,873	105,171	.....	.....	280,859	951,454
1903	82,797	35,485	.....	.....	79,230	649,181
1904	1,400	18,581	14,559	.....	93,574	380,486
1905	135	18,958	.....	.....	69,526	417,021
1906	325	7,779	37,800	.....	68,154	458,016
1907	730	2,100	1,000	.....	55,025	332,267
1908	15,925	12,156	14,550	.....	40,454	389,357
1909	4,909	11,247	.....	478	19,147	318,584
1910	188	10,694	45,314	35	43,998	289,759
1911	1,627	20,642	.....	6,400	23,166	326,139
1912	.....	14,151	184	14,632	36,478	276,208
1913	502	14,684	213	6,982	37,154	281,085
1914	178	5,967	156,571	52	58,855	325,164
Cairo and Memphis:						
1901	55,572	37,340	.....	.....	175,141	2,306,302
1902	247,565	15,317	.....	.....	155,121	2,548,331
1903	77,331	4,836	13,000	.....	112,467	2,250,260
1904	45,549	3,745	29,700	.....	92,978	2,153,254
1905	55,153	4,844	5,800	.....	43,550	2,238,363
1906	58,449	762	21,300	.....	88,020	1,719,893
1907	28,422	2,517	15,200	.....	83,496	1,835,746
1908	38,868	579	25,560	26	44,077	1,550,650
1909	34,835	13,160	16,830	2	15,603	1,232,093
1910	20,828	17,211	21,481	.....	20,897	1,030,195
1911	86,564	28,070	32,220	.....	29,942	1,857,616
1912	28,092	17,938	24,302	53	37,979	1,425,922
1913	22,108	18,741	38,728	40	39,620	1,261,662
1914	24,211	16,497	65,641	2	27,804	1,321,081
Memphis and Vicksburg:						
1901	32,851	74,221	.....	.....	44,442	1,856,339

No. 209.—ANNUAL AVERAGE FREIGHT RATES ON WHEAT, BY LAKE AND CANAL, BY LAKE AND RAIL, AND BY ALL RAIL, FROM CHICAGO TO NEW YORK, AND FROM NEW YORK TO LIVERPOOL, BY STEAM: 1874 TO 1915.

[Source: Mr. Henry Heinzer, statistician, New York Produce Exchange.]

Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liverpool.	Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liverpool.
	By lake and canal.[1]	By lake and rail.	By all rail.			By lake and canal.[1]	By lake and rail.	By all rail.	
	Cents.	*Cents.*	*Cents.*	*Pence.*		*Cents.*	*Cents.*	*Cents.*	*Pence.*
1874	14.1	16.9	28.7	$8\frac{13}{16}$	1895	4.11	6.95	12.17	$2\frac{9}{16}$
1875	11.43	14.6	24.1	$8\frac{7}{16}$	1896	5.38	7.32	12.0	$2\frac{15}{16}$
1876	9.58	11.8	16.5	8	1897	4.35	7.37	12.32	$3\frac{1}{16}$
1877	11.24	15.8	20.3	7	1898	4.42	4.96	11.55	$3\frac{7}{16}$
1878	9.15	11.4	17.7	$7\frac{5}{8}$	1899	5.65	6.63	11.13	$2\frac{7}{16}$
1879	11.6	13.3	17.3	$6\frac{3}{16}$	1900	4.42	5.05	[3] 9.98	$3\frac{3}{8}$
1880	12.27	15.7	19.9	$5\frac{13}{16}$	1901	5.14	5.57	[3] 9.92	$1\frac{1}{4}$
1881	8.19	10.4	14.4	$4\frac{1}{8}$	1902	5.25	5.78	[3] 10.60	$1\frac{7}{16}$
1882	7.89	10.9	14.6	$3\frac{15}{16}$	1903	5.44	6.17	[3] 11.33	$1\frac{7}{16}$
1883	8.37	11.5	16.5	$4\frac{5}{16}$	1904	4.71	5.02	[3] 11.11	$1\frac{1}{8}$
1884	6.31	9.95	13.125	$3\frac{1}{2}$	1905	5.51	6.44	[3] 10.20	$1\frac{3}{8}$
1885	5.87	9.02	14.0	$2\frac{3}{16}$	1906	5.94	6.48	[3] 10.50	$1\frac{7}{16}$
1886	8.71	12.0	16.5	$3\frac{5}{16}$	1907	6.68	6.93	[3] 11.30	$1\frac{3}{4}$
1887	8.51	12.0	[2] 15.74	$2\frac{1}{8}$	1908	6.00	6.33	[3] 11.70	$1\frac{9}{16}$
1888	5.93	11.0	[2] 14.5	$2\frac{5}{8}$	1909	5.35	6.88	[3] 11.70	$1\frac{3}{8}$
1889	6.89	[2] 8.7	15.0	$3\frac{15}{16}$	1910	5.13	6.57	[3] 9.60	$1\frac{1}{2}$
1890	5.85	8.5	14.31	$2\frac{7}{16}$	1911	5.35	5.23	[3] 9.69	2
1891	5.96	8.53	15.0	$3\frac{1}{8}$	1912	5.57	6.17	[3] 9.60	$3\frac{11}{16}$
1892	5.61	7.55	14.23	$2\frac{5}{8}$	1913	5.74	7.01	[3] 9.60	$2\frac{11}{16}$
1893	6.33	8.44	14.7	$2\frac{3}{8}$	1914	5.31	6.54	[3] 9.60	3
1894	4.44	7.0	12.88	$1\frac{15}{16}$	1915	6.08	7.48	[3] 10.08	$13\frac{1}{4}$

[1] Includes canal tolls prior to 1883, but not Buffalo transfer charges.
[2] Averages based upon officially published tariffs; actual rates lower.
[3] For domestic consumption; local rate for export only 9.08 cents in 1900, 9.02 cents in 1901, and 8.75 cents in 1902; and, when consigned or delivered to steamer, 8.89 cents in 1903, 8.47 cents in 1904, 7.99 cents in 1905, 8.10 cents in 1906, 9.70 cents in 1907, 10.50 cents in 1908 and 1909, and 7.80 cents in 1910, 1911, 1912, 1913, and 1914.

No. 210.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK, AND ELEVATING AND STORAGE RATES AT BUFFALO: 1884 TO 1915.

[Source: Secretary of the Buffalo Chamber of Commerce.]

Calendar year.	Average canal freight rates.	Elevating, including storage.[1]	Calendar year.	Average canal freight rates.	Elevating, including storage.[1]
	Cents per bushel.	*Cents per bushel.*		*Cents per bushel.*	*Cents per bushel.*
1884	4.2	0.875	1900	2.5	0.500
1885	3.8	.875	1901	3.5	.500
1886	5.0	.875	1902	3.8	.500
1887	4.5	875	1903	4.0	.500
1888	3.4	.875	1904	3.2	.500
1889	4.8	.875	1905	3.9	.500
1890	3.8	.875	1906	4.2	.500
1891	3.5	.875	1907	5.0	.500
1892	3.5	.875	1908	5.0	.500
1893	4.6	.875	1909	3.9	.500
1894	3.2	.875	1910	4.0	.500
1895	2.2	.875	1911	4.3	.500
1896	3.7	.875	1912	4.4	.500
1897	2.8	.875	1913	4.6	.500
1898	2.8	.500	1914	4.3	.500
1899	3.0	.500	1915	4.6	.500

[1] Storage varied; 5 to 10 days the limit.

No. 211.—AVERAGE FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS (PER 100 POUNDS), FROM CHICAGO TO EUROPEAN PORTS, BY ALL RAIL TO SEABOARD AND THENCE BY STEAMERS: CALENDAR YEARS 1905 TO 1914.[1]

[Source: Secretary of the Board of Trade, Chicago.]

Shipped to—	Article.	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
		Dolls.	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*
Liverpool	Grain	0.1916	0.1875	0.1922	0.1901	0.1893	0.1815	0.1979	0.2561	0.2339	0.5968
Do	Sacked flour	.2240	.2050	.2125	.2075	.2072	.1975	.2302	.2900	.3000	.6250
Do	Provisions	.3849	.4100	.4085	.4257	.4538	.4538	.4538	.4819	.5100	1.0600
Glasgow	Grain	.2000	.1925	.1967	.1863	.1800	.1591	.2000	.2100	.2292	.5813
Do	Sacked flour	.2250	.2360	.2391	.2200	.2100	.2150	.2500	.3000	.3200	.6980
Do	Provisions	.4323	.4563	.4688	.4688	.4688	.4688	.4688	.5250	.5531	1.0009
London	Grain	.2023	.1925	.2054	.1946	.1817	.1775	.2092	.2630	.2433	.5443
Do	Sacked flour	.2364	.2250	.2363	.2316	.2150	.2200	.2525	.2922	.3050	.6825
Do	Provisions	.4088	.4626	.4626	.4626	.4746	.4762	.4762	.5045	.5100	1.0388
Antwerp	Grain	.....	.....	.....	.....	.....	.1805	.2026	.2550	.2462	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.....	.2700	.3370	.3560	.....
Do	Provisions	.4370	.4761	.4556	.4959	.4942	.4944	.4944	.5235	.5522	.....
Hamburg	Grain	.....	.....	.....	.....	.....	.....	.....	.....	.2616	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.....	.2770	.4500	.3700	.....
Do	Provisions	.4575	.4900	.4600	.4949	.4909	.5000	.5000	.6200	.5533	.....
Amsterdam	Grain	.....	.....	.....	.....	.....	.....	.2100	.3250	.2507	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.....	.2400	.3550	.3000	.....
Do	Provisions	.4542	.4600	.4500	.4500	.4800	.4800	.4900	.6100	.5400	.....
Rotterdam	Grain	.....	.....	.....	.....	.....	.....	.2000	.3200	.2507	.6943
Do	Sacked flour	.....	.....	.....	.....	.....	.....	.2300	.3550	.2900	.8333
Do	Provisions	.4453	.4600	.4500	.4500	.4700	.4700	.4800	.6000	.5300	.....
Copenhagen	Sacked flour	.....	.....	.....	.....	.....	.....	.3100	.4800	.4000	.....
Do	Provisions	.4866	.5100	.5100	.5396	.5531	.5531	.5697	.7129	.6943	.....
Stockholm	Sacked flour	.....	.....	.....	.....	.....	.....	.3600	.5200	.4300	.....
Do	Provisions	.5147	.5350	.5300	.5466	.5672	.5672	.5978	.7499	.7314	.....
Stettin	Sacked flour	.....	.....	.....	.....	.....	.....	.3100	.4900	.3900	.....
Do	Provisions	.4818	.5000	.4900	.5185	.5391	.5391	.5556	.6987	.6801	.....
Bordeaux	do	.5145	.5300	.5500	.5500	.5500	.5750	.5750	.6300	.7125	.....
Havre	do	.....	.....	.....	.....	.....	.....	.5375	.6150	.6938	.....

[1] During the first six months of the year 1914 rates paid on grain, flour, and provisions were quite low as compared with previous years; the European war, however, shortly after the beginning of hostilities, created a tremendous demand for tonnage and forced rates to the highest level known to this generation of shippers. Complete statements of freight averages for 1914 and 1915 are therefore impossible.

No. 212.—AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS: 1898 TO 1915.

[Source: Secretary Merchants' Exchange, St. Louis, Mo.]

Calendar year.	To New Orleans by river.		To New York by rail.		To Liverpool.	
	On grain in sacks per 100 pounds.	On wheat in bulk by barges per bushel.	On wheat per 100 pounds.	On flour per barrel.	Via New Orleans (by river) on wheat per bushel.	Via New York (by rail) on wheat per bushel.
	Cents.	*Cents.*	*Cents.*	*Cents.*	*Cents.*	*Cents.*
1898	10.00	4.50	22.25	45.10	14.24	20.32
1899	10.00	4.50	21.95	43.90	12.33	17.88
1900	10.00	[1] 4.25	19.38	38.76	14.64	18.41
1901	10.00	[1] 4.25	19.33	38.66	9.48	14.03
1902	10.00	[1] 4.20	20.66	41.32	8.53	15.33¼
1903	10.00	[1] 5.00	21.25	42.50	10.00	16.02
1904	.....	.....	21.51	43.02	.....	15.25
1905	.....	.....	20.50	41.00	.....	15.60
1906	.....	.....	20.50	41.00	.....	15.23
1907	.....	.....	20.50	41.00	.....	15.87
1908	.....	.....	19.50	40.00	.....	14.78
1909	.....	.....	19.00	40.00	.....	14.30
1910	.....	.....	19.00	39.40	.....	12.40
1911	.....	.....	19.00	39.40	.....	13.60
1912	.....	.....	19.00	39.40	.....	13.60
1913	.....	.....	19.00	39.40	.....	15.53
1914	.....	.....	19.00	39.40	.....	(2)
1915	.....	.....	19.80	41.00	.....	(2)

[1] F. o. b. New Orleans.
[2] For first seven months of 1914, 14.60 cents; after the start of the European war rates ranged from 14.60 to 27.60 cents in 1914; figures for 1915 are not available.

No. 213.—CATTLE, HOGS, AND SHEEP: Receipts at Twelve Principal Western Markets, 1891 to 1915.

[Source: Reports of various stockyard associations.]

Calendar year.	Chicago.			Kansas City.			Omaha.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.[1]	Hogs.	Sheep.
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*
1891..	3,455,742	8,600,805	2,153,537	1,347,487	2,599,109	386,760	601,002	1,537,387	169,865
1892..	3,769,372	7,714,435	2,145,079	1,571,155	2,397,477	438,268	855,059	1,613,384	188,588
1893..	3,343,963	6,057,278	3,031,174	1,746,828	1,948,373	569,517	852,456	1,406,451	252,273
1894..	3,135,312	7,483,228	3,099,725	1,772,545	2,547,077	589,555	821,512	1,932,677	243,945
1895..	2,757,298	7,885,283	3,406,739	1,689,652	2,457,697	864,713	586,103	1,186,726	204,870
1896..	2,738,813	7,659,472	3,590,655	1,814,698	2,605,575	993,126	586,578	1,216,370	358,005
1897..	2,677,900	8,363,724	3,606,640	1,921,962	3,350,796	1,134,236	810,949	1,610,981	627,160
1898..	2,613,630	8,817,114	3,589,439	1,846,233	3,672,909	980,303	812,244	2,101,387	1,085,136
1899..	2,651,122	8,177,870	3,682,832	2,017,484	2,959,073	953,241	837,563	2,216,482	1,086,319
1900..	2,865,356	8,109,064	3,548,885	2,082,795	3,094,139	860,449	828,204	2,200,926	1,276,775
1901..	3,213,220	8,290,494	4,044,095	2,126,575	3,716,404	980,078	818,003	2,414,052	1,314,841
1902..	3,193,806	7,895,238	4,515,716	2,279,166	2,279,337	1,154,084	1,010,815	2,247,428	1,742,539
1903..	3,704,229	7,325,923	4,582,760	2,137,112	1,969,381	1,151,730	1,071,177	2,231,067	1,863,763
1904..	3,526,684	7,238,746	4,504,630	2,163,471	2,227,170	1,004,099	944,192	2,299,627	1,754,365
1905..	3,791,304	7,725,738	4,786,558	2,422,582	2,507,548	1,318,968	1,026,392	2,293,956	1,970,502
1906..	3,742,519	7,275,063	4,805,449	2,555,794	2,675,601	1,616,788	1,079,373	2,393,551	2,165,116
1907..	3,727,248	7,201,061	4,218,115	2,670,260	2,923,777	1,582,148	1,158,716	2,253,652	2,038,777
1908..	3,460,877	8,131,465	4,351,889	2,458,127	3,715,109	1,640,542	1,036,625	2,424,851	2,105,949
1909..	3,339,519	6,619,018	4,441,424	2,659,928	3,092,835	1,645,325	1,124,618	2,135,493	2,167,014
1910..	3,552,899	5,586,858	5,229,294	2,507,142	2,085,566	1,841,173	1,223,533	1,894,314	2,984,870
1911..	3,453,343	7,103,360	5,736,244	2,370,390	3,167,816	2,175,493	1,174,312	2,366,684	2,977,570
1912..	3,157,743	7,180,967	6,055,546	2,147,224	2,523,331	2,133,976	1,017,195	2,886,244	2,950,507
1913..	2,888,456	7,570,938	5,902,798	2,318,885	2,567,785	2,094,748	962,103	2,542,709	3,222,133
1914..	2,601,495	6,618,166	5,378,345	1,956,651	2,264,805	2,002,042	938,817	2,258,620	3,113,889
1915..	2,684,973	7,652,071	3,510,015	1,963,498	2,530,730	1,814,683	1,218,342	2,642,973	3,268,279

Calendar year.	St. Joseph.			St. Louis.			St. Paul.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*
1891..	18,416	177,913	15,564	779,499	1,380,569	402,989	142,637	263,479	89,423
1892..	31,015	289,981	17,309	801,111	1,310,311	376,922	85,816	238,909	97,156
1893..	39,244	240,160	26,257	903,257	1,105,108	397,725	113,630	194,092	153,314
1894..	52,157	397,585	15,718	773,571	1,489,856	359,896	78,245	326,663	95,142
1895..	49,202	252,070	22,260	851,275	1,440,342	510,660	93,066	364,455	174,868
1896..	38,893	193,212	24,165	955,613	1,997,895	632,872	97,812	313,736	200,415
1897..	50,305	426,692	13,915	960,763	2,065,283	660,380	198,691	243,074	315,210
1898..	232,078	1,034,125	121,707	795,611	2,136,328	477,091	215,993	338,405	430,194
1899..	294,950	1,401,794	258,393	766,032	2,147,144	432,566	221,367	369,243	383,598
1900..	390,381	1,678,520	390,308	795,800	2,156,972	434,133	220,681	500,415	489,574
1901..	439,293	2,105,209	525,933	969,881	2,236,945	534,115	190,290	616,796	332,367
1902..	517,294	1,697,741	560,653	1,181,628	1,494,395	540,443	306,066	667,526	602,340
1903..	624,974	1,700,564	599,189	1,209,121	1,785,873	565,836	303,289	759,542	875,640
1904..	587,261	1,656,849	794,379	1,261,532	2,361,623	746,109	389,300	881,635	772,766
1905..	546,688	1,900,433	980,834	1,254,236	2,407,336	690,378	488,565	855,237	813,437
1906..	606,187	1,908,207	826,764	1,314,826	2,411,191	650,784	486,664	860,810	735,259
1907..	616,282	1,923,257	764,287	1,323,208	2,572,126	622,213	519,611	866,777	567,830
1908..	584,224	2,349,047	592,389	1,293,564	3,199,922	724,781	463,160	1,183,412	359,343
1909..	592,376	1,693,831	620,570	1,418,005	3,076,065	835,973	497,152	725,420	496,062
1910..	564,555	1,352,565	559,670	1,356,282	2,548,480	776,665	603,666	835,886	864,811
1911..	513,290	1,921,535	718,268	1,206,423	3,634,851	1,024,402	538,637	910,788	712,126
1912..	494,422	1,969,933	728,852	1,199,901	2,529,897	1,030,609	523,767	983,665	627,973
1913..	450,136	1,869,009	812,039	1,099,977	2,583,911	949,802	531,946	1,256,801	785,444
1914..	355,535	1,725,366	830,356	1,040,957	2,558,825	749,293	585,163	1,539,630	794,739
1915..	441,471	1,697,342	877,930	991,709	2,591,768	648,141	855,589	2,155,201	704,119

[1] Cattle only.

No. 213.—Cattle, Hogs, and Sheep: Receipts at Twelve Principal Western Markets, 1891 to 1915—Continued.

Calendar year.	Sioux City.			Cincinnati.			Cleveland.[1]		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*
1891	150,912	397,247	22,399	208,929	629,409	318,406	12,778	309,049	21,096
1892	136,022	413,231	42,581	217,952	603,526	308,980	18,663	338,916	33,080
1893	130,794	329,014	26,840	225,555	627,612	575,527	13,124	257,782	60,522
1894	119,008	499,273	24,567	226,455	746,705	643,975	7,210	190,803	77,232
1895	110,278	341,050	14,336	227,261	820,637	597,497	73,538	601,179	130,709
1896	142,238	279,451	10,425	216,117	887,187	481,254	62,665	688,011	146,588
1897	294,161	353,290	9,699	218,536	881,382	430,858	109,047	999,219	183,717
1898	300,937	474,238	20,861	199,507	887,524	389,649	97,865	1,123,848	149,769
1899	347,109	568,306	36,081	204,288	809,327	280,097	118,347	1,096,459	139,480
1900	300,437	833,141	61,342	210,631	782,742	330,743	123,552	1,180,605	186,822
1901	308,529	959,964	66,930	222,738	742,701	353,922	68,851	995,113	197,456
1902	404,835	1,007,762	61,275	239,679	664,734	410,248	61,858	960,067	194,537
1903	379,446	1,007,900	41,774	245,716	736,770	394,108	90,743	1,215,798	224,489
1904	331,293	1,113,177	28,464	252,807	870,128	370,475	94,235	1,354,276	237,161
1905	402,955	1,298,685	56,582	298,893	948,093	322,624	105,703	1,251,229	190,080
1906	385,255	1,157,947	64,167	313,256	859,334	313,885	100,215	964,139	242,712
1907	410,216	1,289,125	64,507	312,214	938,793	305,161	100,041	1,107,662	367,329
1908	385,470	1,380,639	58,747	295,746	1,170,999	330,136	92,325	1,496,978	325,216
1909	426,278	1,077,350	78,490	310,380	876,180	360,938	106,425	1,155,523	344,563
1910	438,690	1,044,122	150,935	319,138	758,922	354,371	131,872	537,291	350,716
1911	437,237	1,348,551	212,004	327,075	1,035,973	385,195	97,566	598,744	472,938
1912	430,768	1,697,788	206,517	344,198	958,954	386,644	[2]88,755	562,378	473,190
1913	393,711	1,533,178	270,866	316,612	908,669	437,202	[2]121,575	735,601	534,399
1914	367,917	1,256,679	403,927	289,762	921,204	444,829	110,332	670,351	295,026
1915	534,154	1,760,818	337,079	281,122	1,179,672	356,189	116,405	788,577	256,744

Calendar year.	Denver.			Indianapolis.			Wichita.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*
1891	141,204	80,060	165,616	104,875	1,319,930	65,081	.....	.....	.....
1892	143,211	83,413	134,398	102,100	1,122,668	62,692	.....	.....	.....
1893	154,739	62,111	130,373	85,581	878,882	83,303	55,759	81,255	3,023
1894	147,506	94,099	138,990	91,017	963,511	108,924	35,217	65,377	4,849
1895	185,646	47,598	156,412	106,439	1,108,724	123,427	31,763	81,801	5,729
1896	202,013	56,537	180,639	135,258	1,255,405	120,890	16,306	100,911	18,534
1897	248,888	75,065	308,661	147,740	1,252,761	97,369	21,058	188,416	8,146
1898	287,678	81,645	284,305	134,786	1,681,362	84,665	20,831	253,541	11,844
1899	282,928	120,096	221,142	136,579	1,545,881	65,106	25,563	204,745	10,111
1900	239,606	115,986	305,828	139,722	1,323,018	67,005	23,903	291,501	18,358
1901	227,325	109,360	225,555	211,053	1,486,519	125,614	27,212	333,072	2,158
1902	324,154	86,685	316,594	213,179	1,251,351	102,580	81,628	192,723	6,348
1903	286,271	146,580	464,896	248,951	1,530,888	101,024	33,287	265,216	14,093
1904	265,462	161,954	519,190	274,710	1,668,771	89,945	29,144	312,423	3,053
1905	294,044	190,525	737,905	299,784	1,975,816	61,561	43,397	293,491	7,201
1906	328,751	192,720	825,766	350,016	1,869,353	76,570	46,789	301,649	11,288
1907	306,907	241,393	828,432	378,873	1,955,382	72,674	95,666	436,119	7,464
1908	420,462	280,288	675,235	407,149	2,484,226	111,848	109,414	741,341	12,066
1909	426,372	241,570	634,327	416,759	1,832,598	111,386	183,659	751,560	22,796
1910	398,868	186,611	595,930	417,875	1,487,174	128,001	208,241	551,993	35,498
1911	298,437	220,137	617,008	394,269	2,028,731	153,686	194,063	568,244	53,837
1912	415,817	221,718	776,760	390,238	1,824,260	154,414	[2]212,463	322,418	97,117
1913	499,208	246,598	620,431	378,912	1,994,624	147,198	[2]212,971	470,730	32,219
1914	442,788	255,636	692,247	344,245	2,099,787	124,591	[2]201,836	418,213	25,899
1915	424,341	343,653	765,170	351,741	2,435,319	112,773	[2]153,035	476,469	29,604

[1] Figures from 1895 to date are from reports of the Cleveland Chamber of Commerce.
[2] Cattle only.

No. 214.—GRAIN RECEIVED:[1] BY SPECIFIED PORTS, CALENDAR YEARS 1901 TO 1915.

[Source: Annual reports of New York Produce Exchange.]

Port.[2]	1901	1902	1903	1904	1905
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	14,427,100	11,900,350	12,900,100	9,649,880	9,804,675
Coastwise and river	1,341,288	1,250,485	739,807	1,319,632	755,567
By rail	121,015,359	101,776,989	111,429,639	81,196,902	111,787,340
Total	136,783,747	114,927,824	125,069,546	92,166,414	122,347,582
Portland, Me	24,699,662	20,758,275	23,964,852	15,940,114	17,723,683
Boston	51,237,428	30,612,925	31,072,197	24,374,770	32,445,637
Philadelphia	52,500,125	39,443,630	39,121,220	26,281,337	36,066,919
Baltimore	76,805,183	43,455,137	52,688,479	27,650,511	42,225,063
New Orleans	44,012,731	25,101,855	30,478,858	11,027,673	31,007,764
Grand total	286,038,876	274,299,646	302,395,152	197,440,819	281,816,648
Montreal, Canada	30,156,899	30,461,948	36,967,271	24,228,608	31,804,504

Port.[2]	1906	1907	1908	1909	1910

No. 215.—SHIPMENTS OF ANTHRACITE COAL: CALENDAR YEARS 1905, 1910, AND 1912 TO 1915.

[Source: The Coal Trade.]

Railroad.	1905	1910	1912	1913	1914	1915
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Philadelphia & Reading	12,574,502	12,445,733	12,852,386	12,914,887	11,998,779	11,488,444
Lehigh Valley	10,072,120	11,195,765	11,791,601	13,011,370	13,136,759	12,932,526
Central of New Jersey	7,983,274	8,519,135	8,342,477	9,092,433	8,924,936	8,017,816
Delaware, Lackawanna & Western	9,554,046	9,589,076	9,065,622	9,903,541	9,912,578	9,579,053
Delaware & Hudson	4,890,635	6,578,356	6,361,238	7,094,258	7,313,514	8,016,988
Pennsylvania	6,225,622	6,250,976	5,548,193	6,351,756	6,434,937	6,124,596
Erie	5,640,528	7,554,198	7,435,679	8,192,352	8,268,585	7,874,062
New York, Ontario & Western	2,864,096	2,772,547	2,213,382	2,509,031	2,352,486	2,088,577
Delaware, Susquehanna & Schuylkill	1,605,378	(1)	(1)	(1)	(1)	(1)
Total, 9 roads	61,410,201	64,905,786	[2]63,610,578	[3]69,069,628	[4]68,342,601	[5]66,122,062

[1] Lehigh and New England tonnage not included.
[2] Does not include 295,245 tons shipped over the L. & N. E. R. R.
[3] Does not include 703,699 tons shipped over the L. & N. E. R. R.
[4] Does not include 1,168,509 tons shipped over the L. & N. E. R. R.
[5] Does not include 2,200,000 tons shipped over the L. & N. E. R. R.

No. 216.—MOVEMENTS OF COAL AND COKE OVER SPECIFIED RAILROADS: CALENDAR YEARS 1912 TO 1915.

[Source: Compiled from reports of the various roads.]

BITUMINOUS COAL.

Railroad.	1912	1913	1914	1915
	Short tons.	*Short tons.*	*Short tons.*	*Short tons.*
Baltimore & Ohio [1]	34,128,269	36,915,385	32,554,359	35,930,206
Buffalo, Rochester & Pittsburgh [1, 2]	8,289,296	9,723,992	8,059,756	8,511,316
Buffalo & Susquehanna [1, 2]	1,530,441	1,787,551	1,100,181	1,277,438
Chesapeake & Ohio [1]	17,011,888	17,155,233	20,663,520	24,038,298
Erie	[3]266,150	[3]350,590	[3]75,818	[1, 2]10,357,805
Huntingdon & Broad Top Mountain [1, 2]	1,277,180	1,352,721	1,036,658	1,111,652
New York Central & Hudson River [3]	8,308,260	9,220,689	8,120,210	9,406,850
Norfolk & Western [1, 2]	22,643,169	28,892,469	25,471,969	29,728,206
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	46,484,187	51,526,267	47,769,227	49,584,802
Pittsburgh & Lake Erie [1, 2]	11,424,681	12,783,389	10,703,478	11,046,893
Pittsburgh, Shawmut & Northern [1, 2]	2,026,010	2,799,308	2,359,807	2,646,819
Southern [3]	4,062,363	4,215,614	3,904,503	3,446,042
Virginian [1, 2]	3,584,009	4,555,831	3,954,310	4,128,940
Western Maryland	2,767,980	2,953,601	3,069,708	6,807,474
Total, 14 roads	163,753,883	179,232,140	168,933,504	198,022,741

COKE.

Baltimore & Ohio [1]	4,783,821	4,281,240	3,202,381	3,792,125
Buffalo, Rochester & Pittsburgh [1, 2]	550,436	500,280	302,996	483,601
Buffalo & Susquehanna [1, 2]	280,489	301,475	447,354	579,944
Chesapeake & Ohio [1]	260,847	361,535	298,632	303,984
Erie	.....	.....	.....	[1]1,099,213
Huntingdon & Broad Top Mountain	(4)	(4)	[5]9,635	[5]53,489
New York Central & Hudson River [2]	87,758	36,207	.....	.....
Norfolk & Western [1, 2]	1,469,618	1,530,384	1,018,611	990,296
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	13,371,345	13,892,825	9,548,354	12,020,472
Pittsburgh & Lake Erie [1, 2]	6,321,154	6,710,138	4,839,185	6,198,316
Pittsburgh, Shawmut & Northern [1, 2]	7,159	9,383	.....	25
Western Maryland	70,351	73,346	59,646	[1]281,441
Total, 12 roads	27,202,978	27,696,763	19,726,794	25,802,906

[1] Includes amounts from connecting lines.
[2] Includes company coal.
[3] Does not include company coal hauled free.
[4] No data received.
[5] Six months, July to December.

No. 217.—SAULT STE. MARIE CANALS: Analysis of Traffic Statistics, Seasons 1892 to 1915.

[Source: Annual reports of the United States engineer in charge.]

Season.	Freight carried.			Average distance freight was carried.	Total ton-miles.	Cost of carrying per ton-mile.	Amount paid for transporting freight.	Valuation of freight.	Value of American craft.	Value of Canadian craft.	Proportion of freight carried by Canadian vessels.
	Total.	By steamers.									
	Short tons.	*Short tons.*	*Per cent.*	*Miles.*		*Mills.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Per cent.*
1892	11,214,333	7,960,477	70	822.4	9,222,773,938	1.31	12,072,851	135,117,267	36,220,100	2,108,700	3.8
1893	10,796,572	7,723,153	72	831.9	8,980,310,240	1.1	9,957,483	145,436,957	39,017,400	2,115,700	4.1
1894	13,195,860	9,795,752	74	821.1	10,927,871,324	.99	10,798,310	143,114,502	41,124,200	1,959,800	3.5
1895	15,062,580	10,581,474	70	830.0	12,502,548,892	1.14	14,238,758	159,575,129	40,858,800	2,037,000	3.75
1896	16,239,061	11,878,089	73	836.4	13,582,641,886	.99	13,511,615	195,146,842	43,006,200	2,135,300	4.0
1897	18,982,755	13,163,667	69	841.3	15,969,393,576	.83	13,220,099	218,235,927	42,375,700	2,001,400	3.0
1898	21,234,665	14,569,066	69	842.6	17,891,597,030	.79	14,125,896	233,069,740	45,199,800	2,491,900	2.2
1899	25,255,810	17,801,213	71	827.2	20,891,944,628	1.05	21,959,707	281,364,750	65,000,520	3,369,600	3.1
1900	25,643,073	19,586,750	77	825.9	21,179,229,014	1.18	24,958,314	267,041,959	66,116,583	3,618,576	3.0
1901	28,403,065	21,186,571	75	823.3	23,383,861,987	.99	23,217,974	289,906,865	57,244,200	3,311,900	4.0
1902	35,961,146	28,465,068	79	827.4	29,755,916,637	.89	26,566,189	358,306,300	67,205,000	3,792,400	4.0
1903	34,674,437	28,042,546	81	835.6	28,974,660,408	.92	26,727,735	349,405,014	68,252,800	6,384,500	6.0
1904	31,546,106	25,720,437	82	843.5	26,608,815,636	.81	21,552,894	334,502,686	63,789,300	5,377,100	6.0
1905	44,270,680	37,724,522	85	833.3	36,892,797,973	.85	31,420,585	416,965,484	73,211,300	5,429,000	5.0
1906	51,751,080	45,872,051	89	842.4	43,596,953,680	.84	36,666,889	537,463,454	88,392,000	6,140,500	5.0
1907	58,217,214	52,937,151	91	828.3	48,221,465,547	.80	38,457,345	569,830,188	102,525,500	7,918,000	5.0
1908	41,390,557	38,144,570	92	842.0	34,853,548,177	.69	23,903,244	470,141,318	101,643,000	10,054,000	7.0
1909	57,895,149	53,649,823	93	809.0	46,812,929,345	.78	36,291,948	626,104,173	116,192,000	10,707,000	6.0
1910	62,363,218	58,039,752	93	840.0	52,405,535,136	.74	38,710,904	654,010,844	123,061,500	11,675,000	6.0
1911	53,477,216	49,580,133	93	826.0	44,173,813,460	.67	29,492,196	595,019,844	109,336,000	12,211,500	7.0
1912	72,472,676	68,008,313	94	831.0	60,242,833,004	.67	40,578,225	791,357,837	125,618,800	12,927,500	6.0
1913	79,718,344	75,173,822	94	820.0	65,330,716,791	.68	44,380,864	865,957,838	127,125,500	15,295,700	6.0
1914	55,369,934	52,063,466	94	832.8	46,112,251,781	.60	27,597,099	634,800,268	117,211,000	17,420,700	9.0
1915	71,290,304	67,098,814	94	832.0	59,316,744,083	.71	41,984,031	882,263,141	123,472,700	15,936,700	6.0

MERCHANT MARINE AND SHIPPING.

No. 218.—MERCHANT MARINE OF THE UNITED STATES: TONNAGE OF SAILING AND STEAM VESSELS, 1887 TO 1915.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Sailing vessels.[1]		Steam vessels.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1887	17,582	2,563,128	5,481	1,542,717	23,063	4,105,845
1888	17,587	2,543,846	5,694	1,648,070	23,281	4,191,916
1889	17,699	2,541,924	5,924	1,765,551	23,623	4,307,475
1890	17,502	2,565,409	5,965	1,859,088	23,467	4,424,497
1891	17,683	2,668,495	6,216	2,016,264	23,899	4,684,759
1892	17,991	2,690,504	6,392	2,074,417	24,383	4,764,921
1893	17,951	2,641,799	6,561	2,183,272	24,512	4,825,071
1894	17,060	2,494,599	6,526	2,189,430	23,586	4,684,029
1895	16,686	2,423,159	6,554	2,212,801	23,240	4,635,960
1896	16,313	2,396,672	6,595	2,307,208	22,908	4,703,880
1897	16,034	2,410,462	6,599	2,358,558	22,633	4,769,020
1898	15,993	2,377,815	6,712	2,371,923	22,705	4,749,738
1899	15,891	2,388,227	6,837	2,476,011	22,728	4,864,238
1900	16,280	2,507,042	7,053	2,657,797	23,333	5,164,839
1901	16,643	2,603,265	7,414	2,920,953	24,057	5,524,218
1902	16,546	2,621,028	7,727	3,176,874	24,273	5,797,902
1903	16,371	2,679,257	8,054	3,408,088	24,425	6,087,345
1904	16,095	2,696,117	8,463	3,595,418	24,558	6,291,535
1905	15,784	2,715,049	8,897	3,741,494	24,681	6,456,543
1906	15,506	2,699,682	9,500	3,975,287	25,006	6,674,969
1907	14,861	2,659,426	10,050	4,279,368	24,911	6,938,794
1908	14,499	2,654,271	10,926	4,711,174	25,425	7,365,445
1909	14,047	2,639,531	11,641	4,749,224	25,688	7,388,755
1910	13,288	2,607,721	12,452	4,900,361	25,740	7,508,082
1911	12,684	2,564,721	13,307	5,074,069	25,991	7,638,790
1912	12,263	2,534,325	14,265	5,179,858	26,528	7,714,183
1913	11,998	2,550,977	15,084	5,335,574	27,072	7,886,551
1914	11,452	2,501,162	15,491	5,427,526	26,943	7,928,688
1915	10,753	2,445,619	15,948	5,943,810	26,701	8,389,429

[1] Including canal boats and barges.

No. 219.—TONNAGE OWNED ON THE ATLANTIC AND GULF COASTS, THE PACIFIC COAST, AND THE NORTHERN LAKES AND WESTERN RIVERS: 1897 TO 1915.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Atlantic and Gulf.[1]	Pacific.[2]	Northern lakes.	Western rivers.	Total.
	Gross tons.	*Gross tons.*	*Gross tons.*	*Gross tons.*	*Gross tons.*
1897	2,647,796	439,012	1,410,103	272,109	4,769,020
1898	2,553,739	496,767	1,437,500	261,732	4,749,738
1899	2,614,869	539,937	1,446,348	263,084	4,864,238
1900	2,727,892	612,904	1,565,587	258,456	5,164,839
1901	2,854,639	713,831	1,706,294	249,454	5,524,218
1902	2,985,056	774,211	1,816,511	222,124	5,797,902

No. 220.—TONNAGE OF THE SAILING AND STEAM VESSELS OF THE MERCHANT MARINE OF THE UNITED STATES: EMPLOYED IN THE FOREIGN AND COASTWISE TRADE AND IN THE FISHERIES, 1889 TO 1915.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Employed in the—								Total.	Annual inc. (+) or dec. (—)
	Foreign trade.		Coastwise trade.		Whale fisheries.		Cod and mackerel fisheries.			
	Steam.	Total.	Steam.	Total.	Steam.	Total.	Steam.	Total.		

No. 222.—VESSELS BUILT IN THE SEVERAL SECTIONS OF THE UNITED STATES: NUMBER AND TONNAGE, 1896 TO 1915.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	On the New England coast.		On the entire seaboard.		On the Mississippi River and its tributaries.		On the Great Lakes.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1896	163	39,582	511	102,544	95	15,771	117	108,782	723	227,097
1897	98	21,942	673	103,504	98	11,792	120	116,937	891	232,233
1898	127	23,944	742	112,879	123	13,495	87	54,084	952	180,458
1899	144	68,761	937	196,120	214	23,552	122	80,366	1,273	300,038
1900	199	72,179	1,107	249,006	215	14,173	125	130,611	1,447	393,790
1901	201	82,971	1,094	291,516	311	22,888	175	169,085	1,580	483,489
1902	225	75,851	1,197	290,122	161	9,836	133	168,873	1,491	468,831
1903	203	66,973	1,038	288,196	150	11,112	123	136,844	1,311	436,152
1904	170	51,417	878	208,288	187	10,821	119	159,433	1,184	378,542
1905	192	119,377	823	230,716	178	6,477	101	93,123	1,102	330,316
1906	146	32,311	850	146,883	167	6,591	204	265,271	1,221	418,745
1907	106	44,428	815	219,753	165	7,288	177	244,291	1,157	471,332
1908	151	70,903	1,034	266,937	207	6,114	216	341,165	1,457	614,216
1909	130	27,237	866	131,748	207	5,940	174	100,402	1,247	238,090
1910	111	23,442	887	167,829	193	5,488	281	168,751	1,361	342,068
1911	94	23,653	1,004	190,612	202	6,393	216	94,157	1,422	291,162
1912	95	23,052	1,076	136,485	205	5,286	224	90,898	1,505	232,669
1913	95	27,131	1,022	247,318	234	7,930	219	90,907	1,475	346,155
1914	79	21,934	887	251,683	133	8,018	131	56,549	1,151	316,250
1915	89	18,551	777	184,605	144	5,499	147	16,467	1,157	225,122

No. 223.—VESSELS BUILT: NUMBER AND TONNAGE OF IRON AND STEEL SAILING VESSELS, STEAM VESSELS, AND BARGES BUILT IN THE UNITED STATES, 1891 TO 1915.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Sailing vessels.		Steam vessels.		Barges.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1891	4	251	81	102,630	6	6,305	91	109,146
1892	5	415	52	45,896	4	4,958	61	51,269
1893	8	2,012	61	82,933	9	11,717	78	96,662
1894	2	4,647	38	46,889	.....	.....	40	51,536
1895	3	5,267	37	43,335	5	704	45	49,306
1896	6	15,800	47	82,311	7	3,487	60	101,598
1897	10	31,424	48	83,140	13	11,521	71	126,085
1898	2	6,724	52	48,560	10	7,041	64	62,325
1899	5	16,152	83	112,781	4	2,823	92	131,756
1900	11	29,168	81	167,957	.....	.....	92	197,125
1901	12	21,746	102	236,159	7	4,825	121	262,730
1902	3	8,406	102	270,932	2	1,024	107	280,362
1903	4	12,184	100	240,107	4	5,928	108	258,219
1904	4	15,290	88	222,307	6	3,483	98	241,080
1905	5	3,225	68	170,304	16	9,111	89	182,640
1906	4	3,077	100	289,094	11	5,199	115	297,370
1907	4	5,655	108	338,516	17	9,384	129	348,555
1908	.....	.....	132	442,625	17	7,392	149	450,017
1909	9	7,985	67	123,142	13	5,796	89	136,923
1910	6	3,699	94	234,988	19	11,937	119	250,624
1911	1	1,290	112	195,964	13	4,719	126	201,973
1912	5	6,097	80	129,181	18	10,603	103	145,881
1913	6	15,000	104	205,685	21	12,987	131	233,672
1914	.....	.....	101	195,611	21	9,820	122	205,131
1915	.....	.....	63	129,024	8	1,858	71	130,882

No. 224.—PANAMA CANAL: Receipts and Expenses by Sections and Items, July 1 to December 31, 1914 and 1915.

[Source: The Canal Record.]

Sections and items.	1914	1915
	Dollars.	*Dollars.*
Marine division:		
Admeasurement of vessels	4,807	4,548
Local inspection	1,787	2,211
Aids to navigation	21,938	27,709
Pilotage	21,767	20,510
Operation of harbor tugs—balance	.....	22,261
Total	50,299	77,239
Locks operation and maintenance:		
Gatun Locks—		
Superintendence	8,964	6,925
Operation	54,183	48,192
Maintenance of machinery and equipment	31,637	105,908
Maintenance of structure	13,834	6,433
Miscellaneous supplies and expenses	1,721	1,133
Total	110,339	168,591
Gatun Spillway—		
Operation	585	697
Maintenance of machinery and equipment	3,337	2,008
Maintenance of structure	1,809	105
Total	5,731	2,810
Pedro Miguel Lock—		
Superintendence	6,472	8,479
Operation	43,935	27,109
Maintenance of machinery and equipment	18,812	30,891
Maintenance of structure	8,030	9,181
Miscellaneous supplies and expenses	810	1,212
Total	78,058	76,872
Pedro Miguel Dam—		
Maintenance	42	.....
Miraflores Locks—		
Superintendence	8,199	8,176
Operation	55,596	34,824
Maintenance of machinery and equipment	29,137	29,400
Maintenance of structure	9,265	5,933
Miscellaneous supplies and expenses	1,623	1,408
Total	103,820	79,741
Locks operation and maintenance—Continued.		
Miraflores Spillway and East Dam—		
Operation	635	167
Maintenance of machinery and equipment	7,106	1,135
Maintenance of structure	290	329
Total	8,031	1,631
Miraflores West Dam—		
Maintenance	377	310
Total locks operation and maintenance	306,399	329,984
Dredging:		
Atlantic entrance	59,349	5,939
Gatun Lake	.....	.....
Gaillard Cut	642,899	1,613,910
Miraflores Lake	.....	.....
Pacific entrance	4,979	9,287
Total dredging	707,227	1,629,136
Gatun Dam, maintenance	10,782	11,193
Removal of floating obstructions	6,129	10,374
Gatun-Mindi levee, maintenance	22,241	238
Colon West Breakwater, maintenance	.....	41,266
Colon East Breakwater, maintenance	.....	.....
Naos Island Breakwater, maintenance	462	58
Damages to vessels in locks	192	1,329
Damages to vessels in canal	.....	.....
Operation of floating cranes	.....	16,352
Maintenance of transportation tracks	15,368	9,327
Total operation and maintenance	1,119,999	2,126,497
Proportion of overhead expenses	633,487	1,159,292
Total	1,752,586	3,285,789
Tolls earned	1,505,463	1,430,482
Expenses in excess of tolls earned	247,123	1,855,307

No. 225.—PANAMA CANAL: SUMMARY OF TRAFFIC, BY MONTHS, AUGUST, 1914, TO SEPTEMBER, 1915.

[Source: The Canal Record.]

Month.	Atlantic to Pacific.			Pacific to Atlantic.			Total.			Total tolls earned.
	Vessels	Canal tons.	Cargo tons.	Vessels	Canal tons.	Cargo tons.	Vessels	Canal tons.	Cargo tons.	

No. 226.—PANAMA CANAL: Nationality of Vessels Passing Through the Canal, by Months, August, 1914, to September, 1915.

[Source: The Canal Record.]

ATLANTIC TO PACIFIC.

Month.	American.	British.	Chilean.	Danish.	Dutch.	French.	Honduran.	Italian.	Japanese.	Nicaraguan.	Norwegian.	Panaman.	Peruvian.	Russian.	Swedish.	Total.
1914.																
August	12	....	....	....	....	....	....	....	....	....	....	....	1	....	....	13
September	13	13	....	....	1	....	....	....	....	....	....	....	....	....	....	27
October	15	27	....	1	....	....	....	....	....	....	1	....	....	....	....	44
November	25	26	....	1	....	....	....	....	....	1	....	....	1	....	....	54
December	20	18	2	....	1	....	....	....	1	....	1	....	....	....	....	43
1915.																
January	26	10	2	2	1	....	....	....	....	....	1	....	....	1	1	44
February	18	15	2	2	....	....	....	....	....	....	....	....	....	1	1	39
March	25	24	3	1	....	....	1	1	....	....	....	....	....	1	1	57
April	25	25	2	....	1	....	1	....	....	....	2	....	....	1	2	59
May	29	25	2	3	1	....	....	....	....	....	4	....	....	1	2	67
June	25	42	3	1	....	2	....	....	3	....	7	....	....	....	....	83
July	33	41	2	3	1	....	....	....	6	....	2	....	2	....	3	93
August	23	42	4	1	3	....	....	1	2	....	6	4	3	....	....	89
September[1]	10	27	1	....	3	....	1	....	1	....	2	1	1	....	2	49
Total	299	335	23	15	12	2	3	2	13	1	26	5	8	5	12	701

PACIFIC TO ATLANTIC.

Month.	American.	British.	Chilean.	Danish.	Dutch.	French.	Honduran.	Italian.	Japanese.	Nicaraguan.	Norwegian.	Panaman.	Peruvian.	Russian.	Swedish.	Total.
1914.																
August	9	....	....	2	....	....	....	....	....	....	....	....	....	....	....	11
September	10	16	....	....	....	....	....	....	....	....	4	....	....	....	....	30
October	22	17	....	....	....	....	....	....	....	....	....	....	....	....	1	40
November	19	16	....	1	....	....	....	....	....	1	....	....	....	....	1	38
December	23	31	3	....	....	....	....	....	....	....	....	....	....	....	....	57
1915.																
January	20	23	2	2	1	....	....	....	....	....	4	1	....	....	1	54
February	21	25	3	2	....	....	....	....	....	....	2	....	....	....	....	53
March	33	29	4	4	....	1	....	....	....	....	5	....	....	....	3	80
April	22	27	2	....	....	....	....	....	1	....	4	1	1	....	2	60
May	31	31	2	2	....	....	....	1	....	....	5	....	....	1	3	75
June	28	24	3	....	1	....	1	....	1	....	1	....	1	....	....	60
July	22	35	2	2	....	1	2	....	1	....	5	....	1	....	5	[2] 77
August	29	34	3	1	....	....	....	....	....	....	2	....	2	....	1	72
September[1]	15	22	1	4	1	....	....	....	1	....	5	....	1	....	1	51
Total	304	330	25	20	3	2	3	1	4	1	37	2	6	1	18	[2] 758
Grand total	603	665	48	35	15	4	6	3	17	2	63	7	14	6	30	[2] 1,519

[1] The canal was practically closed on Sept. 18, 1915, on account of slides. Since that date no tolls have been charged, although a few small vessels have been allowed to pass through.
[2] Including 1 Argentine vessel.

No. 227.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS AND BY LAND VEHICLES: VALUES, 1869 TO 1915.

[Merchandise and specie to 1879, inclusive; merchandise only after 1879.]

IMPORTS INTO THE UNITED STATES.

Year ended June 30—	By sea.[1]				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Per cent in American vessels.		
	Dollars.	*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*
1869	136,802,024	300,512,231	437,314,255	31.3	.....	437,314,255
1870	153,237,077	309,140,510	462,377,587	33.1	.....	462,377,587
1871	163,285,710	363,020,644	526,306,354	31.0	15,187,354	541,493,708
1872	177,286,302	445,416,783	622,703,085	28.5	17,635,681	640,338,766
1873	174,739,834	471,806,765	646,546,599	27.0	17,070,548	663,617,147
1874	176,027,778	405,320,135	581,347,913	30.3	14,513,335	595,861,248
1875	157,872,726	382,949,568	540,822,294	29.2	13,083,859	553,906,153
1876	143,389,704	321,139,500	464,529,204	30.9	12,148,667	476,677,871
1877	151,834,067	329,565,833	481,399,900	31.6	10,697,640	492,097,540
1878	146,499,282	307,407,565	453,906,847	32.3	12,965,999	466,872,846
1879	143,590,353	310,499,599	454,089,952	31.7	11,983,823	466,073,775
1880	149,317,368	503,494,913	652,812,281	22.9	15,142,465	667,954,746
1881	133,631,146	491,840,269	625,471,415	21.4	17,193,213	642,664,628
1882	130,266,826	571,517,802	701,784,628	18.6	22,854,946	724,639,574
1883	136,002,290	564,175,576	700,177,866	19.4	23,003,048	723,180,914
1884	135,046,207	512,511,192	647,557,399	20.8	20,140,294	667,697,693
1885	112,864,052	443,513,801	556,377,853	20.3	21,149,476	577,527,329
1886	118,942,817	491,937,636	610,880,453	19.5	24,555,683	635,436,136
1887	121,365,493	543,392,216	664,757,709	18.3	27,562,059	692,319,768
1888	123,525,298	568,222,357	691,747,655	17.8	32,209,459	723,957,114
1889	120,782,910	586,120,881	706,903,791	17.1	38,227,861	745,131,652
1890	124,948,948	623,740,100	748,689,048	16.7	40,621,361	789,310,409
1891	127,471,678	676,511,763	803,983,441	15.9	40,932,755	844,916,196
1892	139,139,891	648,535,976	787,675,867	17.7	39,726,595	827,402,462
1893	127,095,434	695,184,394	822,279,828	15.5	44,121,094	866,400,922
1894	121,561,193	503,810,334	625,371,527	19.4	29,623,095	654,994,622
1895	108,229,615	590,538,362	698,767,977	15.5	33,201,988	731,969,965
1896	117,299,074	626,890,521	744,189,595	15.7	35,535,079	779,724,674
1897	109,133,454	619,784,338	728,917,792	15.0	35,812,620	764,730,412
1898	93,535,867	492,086,003	585,621,870	16.0	30,427,784	616,049,654
1899	82,050,118	581,673,550	663,723,668	12.4	33,424,821	697,148,489
1900	104,304,940	701,223,735	805,528,675	12.9	44,412,509	849,941,184
1901	93,055,493	683,015,858	776,071,351	12.0	47,100,814	823,172,165
1902	102,188,002	744,766,235	846,954,237	12.1	56,366,711	903,320,948
1903	123,666,832	835,844,210	959,511,042	12.9	66,208,195	1,025,719,237
1904	132,052,665	700,595,186	922,848,251	14.3	68,239,120	991,087,371

FOREIGN VESSELS, ETC.: VALUES, 1869 TO 1915—Continued.

EXPORTS FROM THE UNITED STATES.

Year ended June 30—	By sea.[1]				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Percent in American vessels.		
	Dollars.	*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*
1869	153,154,748	285,979,781	439,134,529	34.9	.....	439,134,529
1870	190,732,324	329,786,978	529,519,302	37.7	.....	529,519,302
1871	190,378,462	392,801,932	583,180,394	32.7	7,798,156	590,978,550

No. 227.—Foreign Carrying Trade of the United States in American and Foreign Vessels, etc.: Values, 1869 to 1915—Continued.

TOTAL UNITED STATES IMPORTS AND EXPORTS.

Year ended June 30—	By sea.[1]				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Per cent in American vessels.		
	Dollars.	*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*
1869	289,956,772	586,492,012	876,448,784	33.2	.....	876,448,784
1870	352,969,401	638,927,488	991,896,889	35.6	.....	991,896,889
1871	353,664,172	755,822,576	1,109,486,748	31.9	22,985,510	1,132,472,258
1872	345,331,101	839,346,362	1,184,677,463	29.2	27,650,770	1,212,328,233
1873	346,306,592	966,722,651	1,313,029,243	26.4	27,869,978	1,340,899,221
1874	350,451,994	939,206,106	1,289,658,100	27.2	23,022,540	1,312,680,640
1875	314,257,792	884,788,517	1,199,046,309	26.2	20,388,235	1,219,434,544
1876	311,076,171	813,354,987	1,124,431,158	27.7	18,473,154	1,142,904,312
1877	316,660,281	859,920,536	1,176,580,817	26.9	17,464,810	1,194,045,627
1878	313,050,906	876,991,129	1,190,042,035	26.3	20,477,364	1,210,519,399
1879	272,015,692	911,269,232	1,183,284,924	23.0	19,423,685	1,202,708,609
1880	258,346,577	1,224,265,434	1,482,612,011	17.4	20,981,393	1,503,593,404
1881	250,586,470	1,269,002,983	1,519,589,453	16.5	25,452,521	1,545,041,974
1882	227,229,745	1,212,978,769	1,440,208,514	15.8	34,973,317	1,475,181,831
1883	240,420,500	1,258,506,924	1,498,927,424	16.0	48,092,892	1,547,020,316
1884	233,699,035	1,127,798,199	1,361,497,234	17.2	46,714,068	1,408,211,302
1885	194,865,743	1,079,518,566	1,274,384,309	15.3	45,332,775	1,319,717,084
1886	197,349,503	1,073,911,113	1,271,260,616	15.5	43,700,350	1,314,960,966
1887	194,356,746	1,165,194,508	1,359,551,254	14.3	48,951,725	1,408,502,979
1888	190,857,473	1,174,697,321	1,365,554,794	14.0	54,356,827	1,419,911,621
1889	203,805,108	1,217,063,541	1,420,868,649	14.3	66,664,378	1,487,533,027
1890	202,451,086	1,371,116,744	1,573,567,830	12.9	73,571,263	1,647,139,093
1891	206,459,725	1,450,081,087	1,656,540,812	12.5	72,856,194	1,729,397,006
1892	220,173,735	1,564,559,651	1,784,733,386	12.3	72,947,224	1,857,680,610
1893	197,765,507	1,428,316,568	1,626,082,075	12.2	87,984,041	1,714,066,116
1894	195,268,216	1,273,022,456	1,468,290,672	13.3	78,844,522	1,547,135,194
1895	170,507,196	1,285,896,192	1,456,403,388	11.7	83,104,742	1,539,508,130
1896	187,691,887	1,377,973,521	1,565,665,408	12.0	96,666,204	1,662,331,612
1897	189,075,277	1,525,753,766	1,714,829,043	11.0	100,894,925	1,815,723,968
1898	161,328,017	1,582,492,479	1,743,820,496	9.3	103,711,488	1,847,531,984
1899	160,612,206	1,646,263,857	1,806,876,063	8.9	117,295,728	1,924,171,791
1900	195,084,192	1,894,444,424	2,089,528,616	9.3	154,895,650	2,244,424,266
1901	177,398,615	1,974,536,796	2,151,935,411	8.2	159,001,745	2,310,937,156
1902	185,819,987	1,919,029,314	2,104,849,301	8.8	180,191,048	2,285,040,349
1903	214,695,032	2,026,106,388	2,240,801,420	9.6	205,059,496	2,445,860,916
1904	229,735,119	2,001,203,514	2,230,938,633	10.3	220,976,009	2,451,914,642
1905	290,607,946	2,103,201,462	2,393,809,408	12.1	242,265,329	2,636,074,737
1906	322,347,205	2,367,667,354	2,690,014,559	12.0	280,412,387	2,970,426,946
1907	318,331,026	2,684,296,291	3,002,627,317	10.6	312,645,186	3,315,272,503
1908	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DISE CARRIED IN AMERICAN AND FOREIGN VESSELS AND BY REIGN COUNTRIES: VALUES, YEARS ENDED JUNE 30, 1910 TO 1915.

	Domestic exports.					
1915	1910	1911	1912	1913	1914	1915
ollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
7,900,328	215,528,986	261,544,919	309,518,534	372,619,521	301,893,383	285,349,701
1,711,911	105,888,537	125,536,989	143,024,485	174,315,892	158,238,691	272,521,583
3,025,275	----------	----------	33,656,823	38,397,174	35,086,502	877,044
7,053,131	14,115,566	19,770,592	15,091,539	15,600,935	12,360,607	15,227,454
0,275,228	871,500,163	1,011,405,340	1,089,537,523	1,163,786,542	1,162,393,763	1,384,039,616
4,676,305	69,087,470	82,082,739	80,776,923	90,814,076	84,576,829	108,331,885
7,671,094	46,177,038	63,918,556	59,437,869	61,102,462	61,074,098	121,580,621
1,080,702	197,143,940	219,809,808	232,532,621	274,292,402	278,809,290	18,961,429
8,994,566	28,753,863	32,942,665	33,259,975	38,668,429	38,057,347	74,871,277
8,080,817	7,502,049	15,576,487	23,053,473	27,108,981	25,657,162	36,004,988
4,799,977	40,518,888	42,242,787	47,248,167	55,627,720	62,187,364	151,147,252
3,282,774	83,163,768	110,629,577	78,643,236	82,958,965	81,695,651	208,244,511
8,939,869	1,357,962,745	1,598,378,551	1,693,238,149	1,848,357,686	1,841,898,613	2,119,286,077
9,622,930	5,617,908	5,920,875	6,294,967	10,824,790	7,816,370	11,889,382
	----------	----------	25,998	657	144,268	212,511
3,944,235	12,262,827	10,094,122	8,402,469	9,923,296	9,960,847	10,176,304
11,099	132,922	79,483	3,086	25,232	13,119	55,091
670,323	6,599,802	5,202,741	4,423,743	3,457,342	2,628,191	4,937,192
960	2,088,570	2,799,151	1,730,465	3,471,857	2,009,078	955,789
78,009	1,138,342	926,440	751,730	918,450	670,255	797,231
929,314	1,973,348	2,165,991	1,936,962	3,335,574	3,364,677	7,269,159
360,762	890,011	899,763	969,240	1,256,061	1,046,533	2,728,445
5,994,702	25,085,822	22,167,691	18,243,693	22,388,469	19,836,968	27,131,722
4,169,740	1,710,083,998	2,013,549,025	2,170,319,828	2,428,506,358	2,329,684,025	2,716,178,465

No. 229.—DISASTERS TO VESSELS ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, AND TO AMERICAN VESSELS AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES: SUMMARY, 1895 TO 1915.

[Source: Reports of the United States Coast Guard, Treasury Department.]

WRECKS AND CASUALTIES ON THE ATLANTIC, GULF, AND PACIFIC COASTS OF THE UNITED STATES.

Year ended June 30—	Number of vessels.	Wrecks involving total loss.	Casualties involving partial and unknown damage.	Vessels totally lost.	Vessels damaged.	Losses to vessels.	Losses to cargoes.	Passengers.	Crews.	Lives lost.[1]
				Tons.	*Tons.*	*Dollars.*	*Dollars.*	*No.*	*No.*	
1895 ...	727	231	496	43,858	278,171	2,336,845	477,110	7,314	6,158	110
1896 ...	584	166	418	37,365	259,031	2,117,965	608,340	5,952	6,147	65
1897 ...	587	155	432	44,231	250,672	3,260,420	812,920	4,411	5,389	95
1898 ...	666	214	452	54,093	277,505	2,301,345	594,805	10,427	6,945	184
1899 ...	932	313	619	85,051	343,022	3,981,600	1,033,760	8,623	8,584	376
1900 ...	672	209	463	60,506	347,803	4,957,465	2,480,900	7,608	8,248	260
1901 ...	679	227	452	55,919	343,855	3,492,305	1,281,840	9,527	7,171	182
1902 ...	727	224	503	72,506	346,222	4,039,470	1,152,050	8,533	7,512	121
1903 ...	643	184	459	51,212	364,536	3,333,250	751,535	9,208	7,791	119
1904 ...	638	195	443	63,725	355,840	3,754,840	747,365	9,906	6,935	1,232
1905 ...	642	184	458	54,685	337,259	3,873,540	1,435,855	9,435	7,426	89
1906 ...	630	167	463	41,709	389,075	3,947,735	1,152,830	9,441	7,922	90
1907 ...	848	256	592	77,158	517,071	5,096,340	1,056,430	11,582	9,479	394
1908 ...	720	216	504	71,318	553,593	4,880,625	1,514,730	8,696	9,466	172
1909 ...	703	131	572	61,759	553,016	4,612,910	1,939,880	17,415	10,651	180
1910 ...	753	207	546	71,653	579,364	5,128,240	1,268,865	9,848	10,000	160
1911 ...	617	165	452	48,930	399,961	4,045,740	816,935	13,414	8,922	113
1912 ...	794	189	605	61,031	589,742	4,570,820	1,210,615	8,851	12,567	76
1913 ...	689	147	542	46,487	532,689	4,611,250	912,385	11,662	10,830	129
1914 ...	618	158	460	53,867	423,397	4,141,265	984,160	9,570	9,504	136
1915 ...	603	163	440	63,051	452,798	5,200,035	1,529,868	7,928	9,821	116
WRECKS AND CASUALTIES ON THE GREAT LAKES.										
1895 ...	265	41	224	20,524	210,716	1,835,075	401,515	801	3,112	76
1896 ...	358	66	292	23,694	328,188	1,581,695	443,850	1,359	4,051	31
1897 ...	236	34	202	13,436	205,304	1,097,505	195,475	1,020	3,082	18
1898 ...	209	33	176	15,770	212,279	998,805	217,010	636	2,602	27
1899 ...	305	65	240	32,801	264,661	2,016,420	683,330	1,383	3,817	57
1900 ...	261	40	221	8,155	308,454	870,695	127,120	704	3,160	15
1901 ...	284	45	239	18,581	308,172	1,555,705	201,460	1,117	3,448	79
1902 ...	311	58	253	23,152	364,588	1,923,610	317,790	2,380	4,135	62
1903 ...	247	43	204	21,772	267,812	1,315,165	330,995	1,645	3,379	62
1904 ...	233	49	184	25,357	290,792	1,648,145	440,980	1,773	3,435	19
1905 ...	267	46	221	27,593	449,419	1,881,060	184,450	2,138	4,176	10
1906 ...	364	78	286	72,386	622,156	3,753,695	495,975	739	5,542	116
1907 ...	415	55	360	28,577	967,662	2,306,200	396,695	997	6,759	32
1908 ...	327	32	295	19,144	753,691	2,151,415	128,320	3,549	5,800	42
1909 ...	365	48	317	29,972	833,622	2,535,040	379,880	2,491	6,627	76
1910 ...	424	35	389	33,449	1,206,459	3,515,595	795,655	1,798	8,066	95
1911 ...	291	30	261	23,229	785,521	2,343,550	330,575	4,062	5,694	56
1912 ...	280	26	254	24,270	669,638	1,577,255	257,805	3,769	5,574	9
1913 ...	275	32	243	14,153	815,898	1,444,865	162,815	2,437	4,999	30
1914 ...	296	37	259	75,365	828,317	4,547,795	1,030,240	1,687	6,022	176
1915 ...	195	23	172	13,390	511,173	1,019,195	207,760	1,733	3,839	37

[1] Exclusive of lives lost on vessels suffering no material damage.

No. 229.—Disasters to Vessels on and Near the Coasts and on the Rivers of the United States, etc.: Summary, 1895 to 1915—Continued.

WRECKS AND CASUALTIES ON **RIVERS** OF THE **UNITED STATES.**

Year ended June 30—	Number of vessels.	Wrecks involving total loss.	Casualties involving partial and unknown damage.	Vessels totally lost.	Vessels damaged.	Losses to vessels.	Losses to cargoes.	Passengers.	Crews.	Lives lost.[1]
				Tons.	*Tons.*	*Dollars.*	*Dollars.*	*No.*	*No.*	
1895.....	201	64	137	11,098	48,317	747,435	149,510	2,162	2,951	15
1896.....	197	58	139	16,864	51,539	1,130,195	71,335	2,023	2,728	50
1897.....	162	59	103	9,867	43,987	59,775	129,380	1,275	2,543	7
1898.....	170	63	107	15,185	43,856	858,695	101,215	1,529	2,692	25
1899.....	175	71	104	9,897	42,867	614,305	153,800	1,535	2,474	41
1900.....	150	43	107	5,623	44,890	465,545	256,990	906	2,105	18
1901.....	148	39	109	5,204	56,256	459,235	165,925	2,215	2,633	19
1902.....	139	48	91	8,039	48,922	935,130	86,845	1,883	2,073	157
1903.....	160	49	111	8,208	51,897	758,400	153,440	1,591	2,152	35
1904.....	145	53	92	10,923	30,103	814,640	89,100	955	2,109	30
1905.....	139	35	104	12,818	50,621	994,490	137,975	895	2,139	20
1906.....	179	57	122	6,668	59,580	789,740	48,315	1,636	2,096	34
1907.....	185	52	133	8,563	74,962	1,213,615	483,245	1,710	2,613	24
1908.....	152	48	104	4,479	61,367	671,805	41,725	1,622	1,904	25
1909.....	170	55	115	6,453	64,081	830,190	47,685	1,450	2,039	32
1910.....	190	76	114	10,874	56,703	1,092,025	94,315	2,846	1,957	24
1911.....	168	61	107	4,933	56,963	770,790	34,685	2,371	2,352	27
1912.....	106	61	125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35

No. 229.—DISASTERS TO VESSELS ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, ETC.: SUMMARY, 1895 TO 1915—Continued.

RECAPITULATION.

Year ended June 30—	Number of vessels.	Wrecks involving total loss.	Casualties involving partial and unknown damage.	Vessels totally lost.	Vessels damaged.	Losses to vessels.	Losses to cargoes.	Passengers.	Crews.	Lives lost.[1]
				Tons.	*Tons.*	*Dollars.*	*Dollars.*	*No.*	*No.*	
1895	1,496	458	1,038	136,474	685,132	7,530,540	1,944,810	11,656	16,782	704
1896	1,392	386	1,006	121,335	767,724	6,485,595	2,018,140	10,172	16,307	369
1897	1,206	326	880	102,357	635,712	6,442,175	1,731,765	7,437	14,179	299
1898	1,257	406	851	130,087	646,978	11,091,260	1,771,860	13,503	15,754	765
1899	1,632	559	1,073	186,823	784,147	9,830,070	2,782,535	13,183	19,331	755
1900	1,274	360	914	112,781	818,693	8,182,985	3,417,900	11,436	16,638	418
1901	1,313	371	942	104,570	939,106	7,094,345	2,147,675	15,710	17,635	452
1902	1,359	405	954	144,118	877,687	8,823,920	2,309,335	14,477	16,463	531
1903	1,204	332	872	110,311	801,390	7,011,775	1,722,210	13,216	15,790	376
1904	1,182	357	825	126,132	879,870	7,628,855	1,634,615	14,966	15,607	1,457
1905	1,209	323	886	118,936	1,028,740	8,187,500	2,263,795	14,513	17,377	267
1906	1,326	350	976	153,080	1,255,825	10,089,610	2,245,305	13,053	19,097	499
1907	1,670	447	1,223	185,642	1,786,933	13,709,915	3,062,110	16,027	23,147	624
1908	1,341	344	997	127,684	1,584,206	9,555,825	2,152,155	17,502	21,289	374
1909	1,415	282	1,133	122,150	1,699,940	9,491,635	3,330,825	23,143	23,596	403
1910	1,493	365	1,128	135,305	2,000,997	11,058,840	2,565,580	15,464	22,640	403
1911	1,227	294	933	101,365	1,475,688	9,565,995	1,694,630	22,484	21,668	262
1912	1,447	328	1,119	113,920	1,546,391	8,213,375	1,941,010	15,972	24,310	195
1913	1,265	274	991	91,188	1,663,623	8,338,935	1,549,285	21,101	23,077	283
1914	1,210	293	917	173,069	1,518,930	11,437,330	2,509,405	14,533	22,199	421
1915	1,088	289	799	151,968	1,276,125	10,199,560	4,013,083	12,857	20,220	277

[1] Exclusive of lives lost on vessels suffering no material damage.

No. 230.—ABSTRACT OF WORK PERFORMED BY THE UNITED STATES COAST GUARD, WITH APPROPRIATIONS AND EXPENDITURES: YEAR ENDED JUNE 30, 1915.

[Source: Report of the Secretary of the Treasury.]

Item.	Number or amount.	Item.	Amount.
Lives saved or persons rescued from peril	1,507	Appropriations for 1915, including repairs to cutters and establishing stations:	
Persons on board vessels assisted	10,952	Revenue-Cutter Service	$2,536,716
Persons in distress cared for	813	Life-Saving Service	2,550,525
Vessels boarded and papers examined	24,817		
Vessels seized or reported for violation of law	772	Total for Coast Guard	5,089,241
Fines and penalties incurred by vessels reported	$220,500	Net expenditure for maintenance for 1915:	
Regattas and marine parades patrolled, in accordance with law	37	Revenue-Cutter Service	2,530,371
Vessels to which assistance was rendered	1,504	Life-Saving Service	2,497,381
Instances of miscellaneous assistance	556	Total for Coast Guard	5,027,752
Derelicts and obstructions to navigation removed or destroyed	26	Estimated unexpended balance:	
Value of vessels assisted (including cargoes)	$10,927,730	Revenue-Cutter Service	6,345
Value of derelicts recovered and delivered to owners	$161,000	Life-Saving Service	53,144
		Total for Coast Guard	59,489

E as- s. 103 119 261 295 424 316 663 915 184 250 399 316 005 021 432 363 410 217 445 256 195 138 306 389 071 173 577 466

FROM SEAPORTS AND FROM ALL PORTS
TONNAGE, 1888 TO 1915.

gs, machinery, etc. Lack of uniformity in rules for the meas-
es presented.]

			All ports.		
al sailing and steam.			Total sailing and steam.		
n.	Foreign.	Total.	American.	Foreign.	Total.
s.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
13	10,307,984	13,252,197	3,415,004	12,253,900	15,668,904
50	10,329,311	13,671,661	3,988,454	12,354,693	16,343,147
47	12,039,032	15,429,049	4,066,757	14,082,105	18,148,862
33	11,694,627	15,410,710	4,455,402	13,805,430	18,260,832
50	14,507,115	18,258,165	4,536,151	16,624,882	21,161,033
31	13,288,350	16,825,481	4,403,362	15,357,384	19,760,746
48	13,559,685	17,306,333	4,739,918	15,531,772	20,271,690
58	13,407,987	17,023,645	4,504,227	15,246,319	19,750,546
59	14,077,721	17,818,790	5,329,599	16,084,986	21,414,585
49	16,240,956	19,878,405	5,618,142	18,091,053	23,709,195
14	18,660,724	21,891,738	5,111,447	20,636,785	25,748,232
49	18,714,234	22,177,483	5,471,752	20,794,224	26,265,976
14	19,611,544	23,617,658	6,208,918	22,072,223	28,281,141
39	20,869,599	24,889,368	6,417,347	23,402,546	29,819,893
15	20,286,589	24,242,104	6,821,555	23,622,527	30,444,082
38	20,892,226	24,823,164	6,975,227	24,340,941	31,316,168
11	20,356,142	24,191,983	6,641,374	23,374,201	30,015,575
41	20,760,479	25,019,820	7,203,008	23,954,533	31,157,541
06	23,046,644	26,969,850	7,580,533	26,203,921	33,784,454
95	24,701,613	28,499,108	8,092,557	27,897,500	35,990,057
95	25,910,032	30,198,327	8,435,207	29,846,489	38,281,696
08	25,388,848	29,604,056	8,491,725	29,704,756	38,196,481
50	26,313,894	30,509,954	8,808,603	30,897,255	39,705,858
48	27,871,265	32,298,613	9,753,463	32,683,684	42,437,147
23	29,912,495	34,706,018	11,703,467	34,713,445	46,416,912
52	32,276,800	37,565,952	13,945,801	37,206,158	51,151,959
07	34,558,005	39,743,212	13,740,628	39,442,781	53,183,409
32	28,347,399	35,457,861	13,418,282	33,466,806	46,885,088

REIGN	
he meas-	
gdom.	
Cleared.	
Net tons.	
4,993,862	
6,335,063	
5,927,712	
6,222,875	
6,139,570	
5,930,292	
7,163,057	
7,699,934	
7,304,929	
7,047,998	
8,034,448	
7,286,604	
7,194,464	
7,036,536	
5,939,024	
7,187,402	
7,301,040	
7,426,007	
7,076,231	
6,498,344	
7,385,826	
6,953,824	
7,377,419	
7,593,402	
8,152,340	

Brazil.	
ntered.	Cleared.
et tons.	*Net tons.*
76,120	253,191
53,317	275,275
31,311	239,351
39,319	214,511
06,675	269,601
12,397	310,516
08,841	198,029
31,064	289,414
36,328	274,259
00,595	245,574
38,180	285,498
5,632	249,927
02,645	239,710
22,018	223,467
79,902	214,867
18,230	199,350
23,130	269,017
5,024	294,171
5,991	309,709
07,211	359,831
17,513	385,096
71,899	636,609
45,972	696,856
12,963	710,701
5,682	650,550

1891 TO 1915, BY COUNTRIES—Continued.

ia.	All other countries.		Total.	
d.	Entered.	Cleared.	Entered.	Cleared.
s.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
82	1,542,447	1,254,852	15,394,211	15,410,710
19	1,538,025	1,361,017	18,180,480	18,258,165
34	1,502,151	1,293,069	16,678,790	16,825,481
13	1,426,459	1,323,349	17,024,757	17,306,333
00	1,515,544	1,334,293	16,725,347	17,023,644
95	1,720,255	1,648,015	17,452,968	17,818,790
38	2,372,480	1,771,684	20,002,639	19,878,405
00	2,279,053	1,859,449	21,700,311	21,891,738
80	2,227,191	2,041,756	21,963,407	22,177,483
14	3,049,526	2,501,204	23,533,597	23,617,658
92	2,684,914	2,483,909	24,790,950	24,889,368
46	2,739,127	2,446,402	24,361,435	24,242,104
56	2,294,015	2,320,958	24,697,692	24,823,164
32	2,301,859	2,318,219	24,110,920	24,191,983
37	2,975,412	3,207,891	24,793,299	25,019,820
81	2,335,957	2,351,798	27,401,470	26,969,850
59	2,836,638	2,317,998	29,247,762	28,499,108
74	3,484,706	2,770,107	30,443,695	30,198,327
35	3,166,488	2,741,546	30,243,130	29,604,056
77	3,486,865	3,127,145	30,916,794	30,509,954
29	3,503,648	3,069,498	32,457,123	32,298,613
49	4,075,116	3,534,551	34,659,086	34,706,018
21	4,645,342	3,703,803	37,972,836	37,565,952
48	4,948,194	4,392,597	40,052,289	39,743,212
56	4,401,398	4,525,578	35,031,970	35,457,861

No. 234.—VESSELS ENTERED AT AND CLEARED FROM CUSTOMS DISTRICTS[1] OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: TONNAGE, YEARS ENDED JUNE 30, 1914 AND 1915.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Customs district.	1914		1915	
	Entered.	Cleared.	Entered.	Cleared.
Atlantic coast:	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
Connecticut	33,536	4,904	36,580	3,179
Georgia	403,713	777,196	397,033	587,254
Maine and New Hampshire	849,166	804,885	668,532	736,439
Maryland	1,477,493	1,652,441	2,043,259	2,162,597
Massachusetts	3,363,100	2,217,521	2,403,651	1,659,802
New York	15,767,547	15,421,394	12,579,317	12,162,374
North Carolina	108,547	85,186	76,959	67,538
Philadelphia	2,787,219	2,211,906	1,938,510	1,786,441
Porto Rico	540,189	539,082	486,399	495,338
Rhode Island	88,669	63,759	67,162	57,627
South Carolina	304,527	112,599	135,298	83,184
Virginia	677,608	1,600,963	1,633,794	2,043,031
Gulf coast:				
Florida	1,673,506	1,328,984	1,035,650	964,761
Galveston	1,382,633	1,850,676	1,561,656	1,957,602
Mobile	867,466	1,110,909	556,599	612,171
New Orleans	2,851,265	3,102,184	3,064,101	3,093,050
Sabine	714,998	949,903	841,057	1,092,125
Mexican border:				
Laredo	118,760	110,422	70,740	70,570
Pacific coast:				
Alaska	207,996	173,582	186,061	171,154
Hawaii	640,174	306,084	587,064	171,081
Oregon	167,765	323,914	230,576	345,175
San Francisco	1,344,977	1,511,219	1,228,209	1,358,873
Southern California	509,690	236,364	223,141	130,372
Washington	3,171,745	3,246,475	2,920,622	3,046,123
Total seaports	40,052,289	39,743,212	35,031,970	35,457,861
Northern border:				
Buffalo	2,080,749	1,281,416	1,537,770	1,023,268
Chicago	232,369	602,431	300,771	669,270
Duluth and Superior	1,596,171	1,099,292	755,518	768,434
Michigan	2,437,627	2,316,444	2,357,106	2,150,911
Montana and Idaho	15	15	43	43
Ohio	3,590,287	4,959,953	3,485,048	3,861,358
Rochester	2,231,246	2,276,147	2,051,054	2,039,927
St. Lawrence	1,084,388	710,184	1,125,925	809,136
Vermont	61,011	55,952	52,258	54,862
Wisconsin	22,425	138,363	13,003	50,018
Grand total	53,388,577	53,183,409	46,710,466	46,885,088
Recapitulation:				
Atlantic coast	26,401,314	25,491,836	22,526,494	22,444,804
Gulf coast	7,489,868	8,342,716	7,059,063	7,719,709
Mexican border	118,760	110,422	70,740	70,570
Pacific coast	6,042,347	5,798,238	5,375,673	5,222,778

n.	Total foreign.		American.		Grand total.	
ed.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
rs.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
04	10,183,815	10,329,311	3,127,837	3,342,350	13,311,652	13,671,661
97	11,961,020	12,039,032	3,404,584	3,390,017	15,365,604	15,429,049
38	11,723,839	11,694,627	3,670,372	3,716,083	15,394,211	15,410,710
28	14,433,829	14,507,115	3,746,651	3,751,050	18,180,480	18,258,165
28	13,185,548	13,288,350	3,493,242	3,537,131	16,678,790	16,825,481
58	13,375,677	13,559,685	3,649,080	3,746,648	17,024,757	17,306,333
41	13,048,696	13,407,987	3,676,651	3,615,658	16,725,347	17,023,645
49	13,779,481	14,077,721	3,673,487	3,741,069	17,452,968	17,818,790
19	16,391,463	16,240,956	3,611,176	3,637,449	20,002,639	19,878,405
38	18,337,836	18,660,724	3,362,475	3,231,014	21,700,311	21,891,738
84	18,630,644	18,714,234	3,332,763	3,463,249	21,963,407	22,177,483
85	19,559,358	19,611,544	3,974,239	4,006,114	23,533,597	23,617,658
88	20,811,386	20,869,599	3,979,564	4,019,769	24,790,950	24,889,368
99	20,341,564	20,286,589	4,019,871	3,955,515	24,361,435	24,242,104
55	20,816,656	20,892,226	3,881,036	3,930,938	24,697,692	24,823,164
28	20,305,034	20,356,142	3,805,886	3,835,841	24,110,920	24,191,983
04	20,673,112	20,760,479	4,120,187	4,259,341	24,793,299	25,019,820
97	23,378,949	23,046,644	4,022,521	3,923,206	27,401,470	26,969,850
10	25,323,539	24,701,613	3,924,223	3,797,495	29,247,762	28,499,180
30	26,130,091	25,910,032	4,313,604	4,288,295	30,443,695	30,198,327
84	25,840,136	25,388,848	4,402,994	4,215,208	30,243,130	29,604,056
81	26,702,566	26,313,894	4,214,228	4,196,060	30,916,794	30,509,954
70	28,155,340	27,871,265	4,301,783	4,427,348	32,457,123	32,298,613
61	30,087,422	29,912,495	4,571,664	4,793,523	34,659,086	34,706,018
73	32,731,535	32,276,800	5,241,301	5,289,152	37,972,836	37,565,952
85	34,616,495	34,558,005	5,435,794	5,185,207	40,052,289	39,743,212
10	28,202,065	28,347,399	6,829,905	7,110,462	35,031,970	35,457,861