No. 166.—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
Garden laborers	76,372	4,942	81,314
Greenhouse laborers	16,796	961	17,757
Orchard and nursery laborers	31,969	1,503	33,472
Total	126,453	7,474	133,927
Lumbermen, raftsmen, and woodchoppers—			
Foremen and overseers	4,798	.....	4,798
Lumbermen and raftsmen	113,999	37	114,036
Teamsters and haulers	15,038	.....	15,038
Woodchoppers and tie cutters	27,356	40	27,396
Total	161,191	77	161,268
Owners and managers of log and timber camps	7,927	4	7,931
Stock herders, drovers, and feeders	62,090	885	62,975
Stock raisers	50,847	1,674	52,521
Other agricultural and animal-husbandry pursuits—			
Apiarists	2,020	125	2,145
Corn shellers, hay balers, grain thrashers, etc	5,617	.....	5,617
Ditchers	15,198	.....	15,198
Poultry raisers and poultry-yard laborers	11,777	3,607	15,384
Other and not specified pursuits	5,796	98	5,894
Total	40,408	3,830	44,238
Total agriculture, forestry, and animal husbandry	10,851,702	1,807,501	12,659,203
Extraction of minerals:			
Foremen, overseers, and inspectors—			
Foremen and overseers	22,133	9	22,142
Inspectors	1,195	1	1,196
Total	23,328	10	23,338
Operators, officials, and managers—			
Managers	9,786	12	9,798
Officials	1,140	9	1,149
Operators	14,201	86	14,287
Total	25,127	107	25,234

[1] Includes turpentine farmers.

[2] Includes turpentine farm foremen.

No. 166.—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
[illegible]	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. 166.—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
[illegible] specified)—			
[illegible] 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. 166.—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
Iron molders, founders, and casters	112,070	52	112,122
Other molders, founders, and casters	2,204	62	2,266
Total	120,783	117	120,900
Oilers of machinery	13,990	23	14,013
P[illegible] namelers, etc.—			
[illegible] japanners	1,968	1,031	2,999
[illegible] ishers (building)	273,060	381	273,441
Painters, glaziers, and varnishers (factory)	59,786	1,129	60,915
Total	334,814	2,541	337,355
Paper hangers	24,780	797	25,577
Pattern and model makers	23,006	553	23,559
Plasterers	47,676	6	47,682
Plumbers and gas and steam fitters	148,304	.....	148,304
Pressmen (printing)	19,892	192	20,084
Rollers and roll hands (metal)	18,384	23	18,407
Roofers and slaters	14,078	.....	14,078
Sawyers	43,257	19	43,276
Semiskilled operatives (not otherwise specified)—			
Chemical industries—			
Paint factories	3,292	628	3,920
Powder, cartridge, fireworks, etc., factories	2,858	2,405	5,263
Other chemical factories	11,008	10,514	21,522
Total	17,158	13,547	30,705
Cigar and tobacco factories	79,947	71,572	151,519

No. 166.—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. 166.—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 [illegible]			
[illegible] carriers—			
Cotton mills	14,398	2,400	16,798
Silk mills	320	297	617
Woolen and worsted mills	1,824	1,075	2,899
Other textile mills	1,080	1,120	2,200
Total	17,622	4,892	22,514
Carders, combers, and lappers—			
Cotton mills	11,729	4,210	15,939
Silk mills	60	83	143
Woolen and worsted mills	4,447	911	5,358
Other textile mills	1,814	702	2,516
Total	18,050	5,906	23,956
Drawers, rovers, and twisters—			
Cotton mills	9,535	9,937	19,472
Silk mills	1,472	2,353	3,825
Woolen and worsted mills	866	3,599	4,465
Other textile mills	607	1,626	2,233
Total	12,480	17,515	29,995
Spinners—			
Cotton mills	15,874	32,151	48,025
Silk mills	1,046	2,397	3,443
Woolen and worsted mills	6,997	6,390	13,387
Other textile mills	3,866	5,338	9,204
Total	27,783	46,276	74,059
Weavers—			
Cotton mills	48,929	43,911	92,840
Silk mills	18,435	17,736	36,171
Woolen and worsted mills	17,197	14,660	31,857
Other textile mills	19,723	23,127	42,850
Total	104,284	99,434	203,718
Winders, reelers, and spoolers—			
Cotton mills	3,226	24,283	27,509
Silk mills	1,222	14,904	16,126
Woolen and worsted mills	932	6,611	7,543
Other textile mills	1,890	11,265	13,155
Total	7,270	57,063	64,333
Other occupations—			
Cotton mills	30,625	19,724	50,349
Silk mills	4,995	8,825	13,820
Woolen and worsted mills	18,601	12,290	30,891
Other textile mills	46,899	73,033	119,932
Total	101,120	113,872	214,992
Other industries—			
Electrical supply factories	13,636	11,041	24,677
Paper-box factories	4,859	13,028	17,887
Rubber factories	20,814	9,469	30,283
Other factories	152,616	83,398	236,014
Total	191,925	116,936	308,861
Total semiskilled operatives (not otherwise specified)	1,626,602	814,933	2,441,535
Sewers and sewing-machine operators (factory)[1]	60,003	231,206	291,209
Shoemakers and cobblers (not in factory)	68,788	782	69,570
Skilled occupations (not otherwise specified)—			
Annealers and temperers (metal)	1,894	7	1,901
Piano and organ tuners	6,528	105	6,633
Wood carvers	5,308	60	5,368
Other skilled occupations	2,830	76	2,906
Total	16,560	248	16,808

[1] Exclusive of sewers and sewing-machine operators in shoe and harness factories and sack sewers in cement, sugar, and grain mills.

No. 166.—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:			
[illegible] (selected occupations)—			
[illegible]en, 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
Rail[illegible] (selected occupations)—			
[illegible]			
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] [illegible] estry, and the extraction of [illegible] the other workers in [illegible] and drivers for bakeries an[illegible] deliverymen in trade.

No. 166.—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	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. 166.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910: By Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
T[illegible]			
[illegible]n, and overseers—			
[illegible] 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)—			
[illegible] (city)	32,199	1,011	33,210
[illegible] (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. 166.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910: By Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Pub[illegible]			
[illegible]	6,662	540	7,202
[illegible]	36,727	8,997	45,724
Total	43,389	9,537	52,926
Policemen	61,980	.....	61,980
Soldiers, sailors, and marines	77,153	.....	77,153
Other pursuits—			
Life savers	2,158	.....	2,158
Lighthouse keepers	1,552	41	1,593
Other occupations	6,335	182	6,517
Total	10,045	223	10,268
Total public service (not elsewhere classified)	445,733	13,558	459,291
Professional service:			
Actors	16,305	11,992	28,297
Architects	16,311	302	16,613
Artists, sculptors, and teachers of art	18,675	15,429	34,104
Authors, editors, and reporters—			
Authors	2,310	2,058	4,368
Editors and reporters	30,201	4,181	34,382
Total	32,511	6,239	38,750
Chemists, assayers, and metallurgists	15,694	579	16,273
Civil and mining engineers and surveyors—			
Civil engineers and surveyors	52,028	5	52,033
Mining engineers	6,930	.....	6,930
Total	58,958	5	58,963
Clergymen	117,333	685	118,018
College presidents and professors	12,710	2,958	15,668
Dentists	38,743	1,254	39,997
Designers, draftsmen, and inventors—			
Designers	9,211	2,577	11,788
Draftsmen	32,923	391	33,314
Inventors	2,303	44	2,347
Total	44,437	3,012	47,449
Lawyers, judges, and justices	114,146	558	114,704
Musicians and teachers of music	54,832	84,478	139,310
Photographers	26,811	4,964	31,775
Physicians and surgeons	142,117	9,015	151,132
Showmen	18,988	1,108	20,096
Teachers—			
Teachers (athletics, dancing, etc.)	2,768	1,163	3,931
Teachers (school)	118,442	476,864	595,306
Total	121,210	478,027	599,237
Trained nurses	5,819	76,508	82,327
Veterinary surgeons	11,652	.....	11,652
Other professional pursuits	7,585	8,092	15,677
Semiprofessional pursuits—			
[illegible] peace	6,660	785	7,445
[illegible] etc	380	1,220	1,600
[illegible]	2,162	4,672	6,834
[illegible]	5,246	2,245	7,491
[illegible]	6,245	1,970	8,215
[illegible]	7,081	8,889	15,970
Theatrical owners, managers, and officials	11,027	295	11,322
Other occupations	5,731	318	6,049
Total	44,532	20,394	64,926
Attendants and helpers (professional service)	10,315	8,286	18,601
Total professional service	929,684	733,885	1,663,569
Domestic and personal service:			
Barbers, hairdressers, and manicurists	172,977	22,298	195,275
Bartenders	100,984	250	101,234

No. 166.—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. 167.—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	563,179	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	180,962	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	3,093,091	907,440	4,000,531	3,797,257	1,390,472	5,187,729
[illegible]	2,288,237	600,192	2,888,429	2,659,090	940,605	3,599,695
[illegible]	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. 35.

No. 168.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1914 AND 1915, BY STATES.

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

State.	1914			1915		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama	320	3,940	12	175	1,290	7
Arkansas	1,415	159,854	113	925	20,304	22
Colorado	4,418	1,090,025	247	90	13,500	150
Illinois	23,506	970,466	41	5,251	276,458	53
Indiana	8,052	302,855	38	1,472	21,361	15
Iowa	2,642	76,791	29	1,067	5,229	5
Kansas	2,673	45,257	17	1,716	17,425	10
Kentucky	2,250	82,919	37	1,045	16,455	16
Maryland	91	1,547	17	.....	.....	.....
Missouri	1,162	56,536	49	939	4,597	5
Montana	171	1,271	7	183	1,084	6
Ohio	40,577	6,452,762	159	15,048	1,722,013	114
Oklahoma	1,286	39,500	31	1,013	4,485	4
Oregon	21	798	38	.....	.....	.....
Pennsylvania	36,613	1,052,005	29	5,583	78,446	14
Texas	221	693	3	230	760	3
Utah	150	1,800	12	.....	.....	.....
Virginia	.....	.....	.....	7	7	1
Washington	459	25,410	55	.....	.....	.....
West Virginia	9,330	466,768	50	1,902	66,698	35
Wyoming	248	2,727	11	219	2,628	12
Total bituminous	135,605	10,833,924	80	36,865	2,252,740	61
Pennsylvania anthracite	26,115	179,743	7	30,325	214,691	7

No. 169.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1904 TO 1915.

[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.
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
1909[1]	24,763	723,634	29.0	1915	67,190	2,467,431	37.0

[1] Bituminous mines only.

No. 170.—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, 1906 TO 1908 AND 1910 TO 1915.

[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.
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
1915	176,552	230	2.19	504	557,456	203	3.91	794

No. 171.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES.

[Source: Reports of 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.	
Aeroplanes and parts	168	162	157	152	147	151	*144*	154	154	180	194	**211**	210	68.2
Agricultural implements	48,459	61,746	**61,900**	58,143	54,305	49,904	46,990	45,169	37,340	*35,208*	39,536	44,219	47,048	56.9
Aluminum ware	4,614	*4,027*	4,295	4,579	4,597	4,532	4,590	4,471	4,699	4,782	4,911	5,013	4,867	80.3
Ammunition	11,493	10,826	10,768	10,934	10,886	10,814	10,936	10,820	*10,002*	11,366	12,565	13,422	**14,577**	68.6
Artificial flowers	4,808	4,572	4,807	5,137	5,162	4,331	*3,840*	3,902	4,486	5,247	5,382	**5,418**	5,412	70.9
Artificial limbs	488	**494**	492	493	489	492	484	489	480	485	491	488	*479*	97.0
Artificial stone products	10,255	*6,186*	6,311	7,843	11,372	12,840	**13,201**	13,118	12,779	12,360	10,951	8,942	7,157	46.9
Artists' materials	604	619	605	603	610	588	579	*576*	589	617	**641**	612	609	89.9
Asbestos products, not including steam packing	962	986	1,008	1,024	971	922	*883*	**1,030**	960	916	933	989	922	88.9
Automobile bodies and parts	47,785	47,280	47,702	50,941	**52,683**	51,511	48,612	46,811	46,243	46,550	47,270	*43,829*	43,988	83.2
Automobiles	79,307	79,694	83,440	84,832	**85,271**	81,130	74,094	*72,737*	79,449	80,975	80,839	74,161	75,062	85.3
Automobile repairing	12,562	*11,455*	11,627	12,091	12,663	12,964	13,121	**13,200**	13,195	13,084	12,764	12,435	12,145	86.8
Awnings, tents, and sails	5,073	*3,953*	4,103	4,718	5,802	6,811	**7,072**	6,263	5,178	4,601	4,359	4,021	3,995	55.9
Babbitt metal and solder	1,035	995	986	1,072	1,078	1,090	**1,129**	1,066	1,050	1,029	986	*968*	971	85.7
Bags, other than paper	9,358	8,968	9,023	9,394	9,399	9,308	9,578	**9,951**	9,826	9,818	9,420	*8,747*	8,864	87.9
Bags, paper, not including bags made in paper mills	3,505	3,443	3,457	3,470	3,432	3,420	*3,342*	3,374	3,489	3,701	**3,796**	3,666	3,470	88.0
Baking powders and yeast	2,270	2,267	2,281	2,323	2,302	**2,389**	2,382	2,220	2,194	2,278	2,286	*2,159*	*2,159*	90.4
Baskets, and rattan and willow ware	4,574	3,921	4,099	4,338	4,765	4,885	5,032	5,300	**5,329**	5,022	4,433	3,938	*3,826*	71.8
Bells	445	**478**	465	467	473	467	*443*	428	426	421	*419*	*419*	434	87.7
Belting and hose, rubber	5,115	5,103	5,044	5,068	5,137	5,171	**5,274**	5,243	5,041	5,166	5,183	5,040	*4,910*	93.1
Belting and hose, woven	952	981	**1,011**	996	1,000	951	952	949	938	945	915	901	*885*	87.5
Belting, leather	2,951	**3,004**	**3,004**	2,988	2,940	2,913	*2,879*	2,894	2,914	2,954	2,958	2,975	2,989	95.8
Billiard tables and materials	1,453	**1,561**	1,559	1,527	1,497	1,490	1,443	*1,265*	1,355	1,427	1,439	1,420	1,453	81.0
Blacking, stains, and dressings	1,766	1,682	1,835	1,933	2,030	**2,039**	1,825	1,774	1,677	1,614	1,630	1,604	*1,549*	76.0
Bluing	254	238	242	250	246	250	256	267	261	**272**	270	259	*237*	87.1
Bone, carbon, and lampblack	339	306	304	*300*	306	306	309	350	369	388	**390**	387	353	76.9
Bookbinding and blank-book making	21,693	22,166	22,311	**22,536**	22,099	21,706	21,781	21,853	21,272	21,376	21,191	*20,878*	21,147	92.6
Boot and shoe cut stock, exclusive of that produced in boot and shoe factories	7,819	8,392	**8,434**	8,409	8,095	7,670	7,581	7,505	7,710	7,699	7,651	*7,125*	7,557	84.5
Boot and shoe findings, exclusive of that produced in boot and shoe factories	6,714	**7,617**	7,476	7,169	6,825	6,631	6,309	6,272	6,449	*6,252*	6,336	6,496	6,736	82.1
Boots and shoes	191,555	200,739	**203,135**	198,772	189,856	188,934	191,110	193,354	191,036	186,740	183,653	*183,212*	188,119	90.2
Boots and shoes, rubber	18,687	18,286	18,325	18,613	18,513	18,776	18,752	17,491	*16,756*	18,617	19,377	20,340	**20,398**	82.1

Boxes, cigar	5,835	5,822	5,801	5,833	5,748	5,765	*5,747*	5,765	5,843	**6,000**	5,987	5,948	5,761	95.8
Boxes, fancy and paper	45,311	46,512	46,213	46,583	45,996	45,311	44,619	*43,824*	43,857	45,227	46,126	45,283	44,181	94.2
Boxes, wooden packing	38,548	38,056	38,411	39,850	40,317	40,302	**40,320**	39,581	38,597	38,517	37,147	35,984	*35,494*	88.0
Brass, bronze, and copper products	40,306	39,531	40,402	41,714	**41,971**	41,706	40,873	40,407	39,685	39,920	39,315	*38,789*	39,359	92.4
Bread and other bakery products	124,052	*118,545*	119,908	121,564	122,561	123,348	125,121	125,983	125,881	126,130	**126,772**	126,731	126,080	93.5
Brick and tile, terra-cotta, and fire-clay products	100,182	77,966	*76,458*	83,720	101,780	117,738	**123,877**	123,554	121,503	113,269	99,643	85,952	76,724	61.7
Brooms	5,642	5,767	5,766	5,799	5,678	5,568	5,450	*5,372*	5,458	5,570	5,687	5,780	**5,809**	92.6
Brushes	7,213	**7,446**	7,441	7,440	7,339	7,222	7,102	7,114	7,043	7,082	7,298	7,066	*6,963*	93.5
Butter	14,149	12,734	*12,646*	12,825	13,760	14,921	**15,782**	15,698	15,438	14,720	14,119	13,714	13,431	80.1
Butter, reworking	304	263	262	*261*	290	293	312	337	309	307	299	350	**365**	71.5
Buttons	14,511	16,451	**16,832**	16,689	15,874	14,733	13,960	12,482	*12,424*	13,181	13,790	13,801	13,915	73.8
Candles	387	**422**	412	410	403	379	367	358	*337*	374	399	404	379	79.9
Canning and preserving, fish	9,069	*4,033*	4,884	5,137	7,233	8,309	8,942	11,511	**14,629**	14,439	14,032	10,097	5,582	27.6
Canning and preserving, fruits and vegetables	50,325	10,811	*10,345*	11,112	13,572	18,657	37,979	65,094	113,440	**150,735**	107,809	43,143	21,203	6.9
Canning and preserving, oysters	2,087	2,797	2,973	3,344	3,216	1,313	307	*266*	592	1,414	2,289	**3,406**	3,127	7.8
Cardboard, not made in paper mills	1,159	1,116	1,120	1,164	1,157	*1,092*	1,167	1,169	1,178	**1,215**	1,210	1,207	1,113	89.9
Card cutting and designing	517	*436*	450	497	477	478	466	483	486	552	583	643	**653**	66.8
Carpets and rugs, other than rag	31,309	33,021	33,166	**33,175**	32,941	32,902	31,472	29,262	29,362	30,292	30,843	*29,240*	30,032	88.1
Carpets, rag	2,130	*1,943*	1,994	2,072	2,271	**2,359**	2,336	2,169	2,127	2,118	2,108	2,071	1,992	82.4
Carriage and wagon materials	11,087	11,985	12,274	**12,445**	12,370	11,967	11,392	11,049	10,588	10,127	9,728	*9,534*	9,585	76.6
Carriages and sleds, children's	5,900	6,198	**6,211**	6,150	6,056	5,892	5,637	5,562	*5,422*	5,757	5,970	6,052	5,893	87.3
Carriages and wagons	41,304	40,609	42,998	44,284	**44,946**	44,419	44,067	42,893	42,283	40,075	37,629	*35,480*	35,965	78.9
Cars and general shop construction and repairs by electric railroad companies	26,384	26,267	26,709	26,869	26,880	26,919	26,745	**26,970**	26,694	26,336	25,945	25,139	*25,135*	93.2
Cars and general shop construction and repairs by steam railroad companies	339,518	343,590	340,925	340,933	333,423	332,026	332,735	343,576	345,275	**347,031**	345,195	338,300	*331,207*	95.4
Cars, electric railroad, not including operations of railroad companies	3,840	**4,754**	4,182	3,889	3,914	3,748	3,893	4,047	4,069	3,857	3,686	3,158	*2,883*	60.6
Cars, steam railroad, not including operations of railroad companies	54,288	**63,678**	56,077	55,359	51,080	50,532	53,214	56,893	58,529	56,184	54,707	50,050	*45,153*	70.9
Cash registers and calculating machines	8,956	10,187	**10,220**	10,138	10,180	9,876	9,621	9,341	8,817	7,812	7,137	7,123	*7,020*	68.7
Cement	27,916	27,127	25,131	26,246	28,498	29,330	**30,105**	29,864	29,932	29,948	29,199	25,581	*24,031*	79.
Charcoal, not including production in lumber and wood-distillation industries	228	202	*192*	236	231	**256**	228	227	233	243	241	225	222	75.0
Cheese	2,908	*1,692*	1,723	1,987	3,040	3,645	**3,810**	3,778	3,643	3,488	3,262	2,689	2,139	44.4
Chemicals	32,311	32,634	32,172	32,681	32,442	31,959	*31,876*	31,914	32,280	**32,813**	32,451	32,294	32,216	97.1
China decorating, not including that done in potteries	295	299	**321**	316	304	292	301	279	278	299	297	291	*263*	81.9
Chocolate and cocoa products, not including confectionery	4,160	4,180	4,242	4,298	4,260	4,109	3,978	*3,619*	3,777	4,355	**4,512**	4,389	4,201	80.2
Cleansing and polishing preparations	1,239	1,261	1,306	**1,347**	1,336	1,227	1,213	1,178	*1,169*	1,201	1,189	1,198	1,243	86.8
Clocks	6,754	6,979	7,030	**7,094**	6,874	6,753	6,780	6,515	6,615	6,745	6,719	6,578	*6,366*	89.7
Cloth, sponging and refinishing	901	**930**	918	914	908	894	893	900	899	926	899	869	*862*	92.7
Clothing, horse	1,669	**1,888**	1,850	1,814	1,797	1,742	1,714	1,603	*1,460*	1,512	1,541	1,531	1,576	77.3
Clothing, men's	173,747	179,458	**181,952**	181,462	177,144	176,050	175,874	173,110	173,249	170,845	166,350	*162,913*	166,557	89.5
Clothing, men's, buttonholes	672	672	668	671	672	675	672	665	679	671	**691**	675	*653*	94.5
Clothing, women's	168,907	163,807	179,894	**188,526**	180,925	166.707	157,066	*145,362*	160,868	180,611	182,103	164,977	156,038	77.1
Coffee and spice, roasting and grinding	8,549	8,317	8,433	8,533	8,603	8,593	8,684	8,570	8,918	**8,959**	8,560	8,212	*8,206*	91.6
Coffins, burial cases, and undertakers' goods	9,468	9,674	9,703	**9,718**	9,691	9,576	9,487	9,345	9,360	9,288	9,320	*9,198*	9,256	94.6
Coke, not including gas-house coke	21,107	22,339	22,845	**24,205**	23,257	22,072	21,476	21,386	20,759	20,255	19,077	17,903	*17,710*	73.2

No. 171.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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.	
Collars and cuffs, men's	10,100	10,056	10,017	10,108	10,150	10,107	9,982	*9,631*	9,693	10,081	10,856	10,325	10,194	88.7
Combs and hairpins, not made from metal or rubber	2,773	2,814	2,939	3,052	2,700	2,502	*2,268*	2,398	2,774	3,161	3,265	2,781	2,622	71.7
Condensed milk, and milk products other than butter and cheese	6,002	*5,281*	5,513	5,589	6,016	6,563	6,956	6,823	6,161	6,136	5,860	5,644	5,482	75.9
Confectionery and ice cream	53,658	50,890	51,002	52,693	50,872	49,582	48,368	*48,074*	51,886	58,434	62,080	60,261	59,754	77.4
Cooperage	17,128	16,606	16,639	17,101	17,392	17,360	17,816	17,159	16,806	17,762	17,788	16,811	*16,296*	91.5
Copper, tin, and sheet-iron work	28,714	27,812	*26,915*	27,545	28,518	29,152	29,276	29,480	29,652	29,825	29,674	29,021	27,698	90.2
Cordage and twine	15,769	16,287	16,427	16,478	16,629	16,521	16,516	16,346	*13,445*	14,028	15,708	15,288	15,555	80.9
Cordials and flavoring sirups	929	809	841	832	901	983	1,458	935	917	1,025	837	*781*	829	53.6
Cork, cutting	3,454	3,695	3,716	3,793	3,720	3,587	3,557	3,443	3,313	3,436	3,222	2,997	*2,969*	78.3
Corsets	20,496	21,633	22,092	22,289	22,315	21,619	21,065	20,290	20,238	19,800	18,813	18,049	*17,749*	79.5
Cotton goods	379,366	389,980	388,585	387,447	386,989	384,516	380,001	375,484	*369,158*	369,284	371,584	374,004	375,380	94.7
Cotton small wares	6,598	6,723	6,804	6,861	6,896	6,804	6,605	6,535	6,376	6,458	6,415	6,355	*6,344*	92.0
Crucibles	302	314	298	321	317	310	296	298	294	*286*	308	295	287	89.1
Cutlery and edge tools	16,561	17,005	17,437	17,326	17,168	16,962	16,807	*15,335*	16,425	16,112	16,277	16,084	15,794	87.9
Dairymen's, poultrymen's, and apiarists' supplies	5,551	5,922	6,543	6,768	6,369	5,803	5,551	5,194	4,927	4,780	*4,684*	4,803	5,268	69.2
Dental goods	3,080	3,328	3,369	3,386	3,410	3,434	3,458	3,453	2,749	2,615	2,586	2,600	*2,572*	74.4
Drug grinding	1,059	1,063	1,050	1,076	*1,021*	1,049	1,074	1,042	1,076	1,090	1,065	1,070	1,032	93.7
Druggists' preparations	9,277	9,549	9,558	9,540	9,423	9,311	9,146	8,976	*8,855*	9,301	9,351	9,247	9,067	92.6
Dyeing and finishing textiles, exclusive of that done in textile mills	48,467	49,059	50,369	51,070	50,815	49,681	49,291	47,915	46,981	48,007	47,662	*45,253*	45,501	88.6
Dyestuffs and extracts	2,839	2,719	*2,662*	2,779	2,838	2,848	2,849	2,798	2,785	2,917	2,989	2,967	2,917	89.1
Electrical machinery, apparatus, and supplies	118,078	128,766	126,610	126,240	123,742	120,956	118,743	116,340	115,347	113,768	110,944	108,203	*107,277*	83.3
Electroplating	2,584	2,555	2,567	2,583	2,572	2,599	2,588	2,542	*2,492*	2,584	2,665	2,647	2,614	93.5
Emery and other abrasive wheels	2,387	2,554	2,425	2,496	2,570	2,560	2,435	2,381	2,319	2,265	2,202	*2,196*	2,241	85.4
Enameling	1,314	1,379	1,358	1,367	1,338	1,370	1,363	1,314	*1,226*	1,278	1,270	1,250	1,255	88.9
Engines, steam, gas, and water	29,657	30,183	30,885	31,343	32,033	31,643	30,886	30,114	30,010	28,024	26,946	*26,669*	27,148	83.3
Engravers' materials	106	103	104	104	105	107	105	*100*	102	110	110	110	112	89.3
Engraving and diesinking	1,536	1,527	1,520	1,539	1,515	1,531	*1,504*	1,511	1,530	1,514	1,555	1,560	1,626	92.5
Engraving, steel and copperplate, including plate printing	6,859	7,020	6,977	6,917	6,951	7,022	6,971	6,710	*6,624*	6,724	6,761	6,704	6,927	94.3
Engraving, wood	302	296	*285*	295	298	322	321	335	289	296	299	291	297	85.1
Envelopes	6,970	7,007	6,995	7,129	7,174	7,085	6,968	6,813	*6,771*	6,954	6,986	6,908	6,850	94.4
Explosives	6,306	6,398	6,168	6,218	6,154	5,917	5,910	*5,877*	5,947	5,990	6,129	7,014	7,950	73.9
Fancy articles, not elsewhere specified	7,399	*6,612*	7,048	7,102	7,124	7,251	7,280	7,292	7,548	8,075	8,318	7,892	7,246	84.7

Feathers and plumes	4,483	4,285	4,784	4,725	4,628	4,288	4,058	4,239	4,662	**5,391**	4,856	4,051	*3,829*	**71.0**
Felt goods	4,035	**4,282**	4,097	4,176	4,142	4,045	4,008	*3,872*	3,874	3,953	4,008	3,952	4,011	90.4
Fertilizers	22,815	22,571	30,647	**38,332**	32,977	21,793	18,286	17,603	18,041	20,863	18,249	17,564	*16,854*	44.0
Files	4,349	4,510	4,538	**4,539**	4,481	4,475	4,410	4,432	4,400	4,204	4,164	4,020	*4,015*	88.5
Firearms	7,064	7,401	7,437	7,443	7,343	7,227	7,018	6,816	*5,742*	6,926	6,879	6,987	**7,549**	76.1
Fire extinguishers, chemical	256	255	258	261	260	266	261	248	*239*	254	**267**	256	247	89.5
Fireworks	1,324	1,267	1,378	1,435	1,531	1,660	**1,691**	*992*	1,351	1,327	1,140	1,095	1,021	58.7
Flags and banners	1,495	*1,351*	1,407	1,478	1,552	1,599	**1,624**	1,503	1,477	1,518	1,498	1,485	1,448	83.2
Flavoring extracts	1,461	*1,323*	1,341	1,395	1,487	1,575	**1,612**	1,569	1,552	1,490	1,445	1,402	1,341	82.1
Flax and hemp, dressed	116	162	**180**	169	108	111	85	87	*83*	102	108	98	99	46.1
Flour-mill and gristmill products	39,718	39,284	39,140	39,058	38,324	*37,921*	38,114	39,560	40,526	**41,684**	41,234	41,028	40,743	91.0
Food preparations, not elsewhere specified	20,306	19,139	19,444	19,652	19,683	*19,018*	19,214	19,803	20,547	22,341	**22,800**	21,606	20,425	83.4
Foundry and machine-shop products	362,471	380,036	380,565	**384,214**	383,296	377,960	372,043	367,430	360,118	345,894	338,380	*328,974*	330,742	85.6
Foundry supplies	555	486	483	519	552	574	**603**	598	**603**	573	584	**603**	*482*	79.9
Fuel, manufactured	141	129	98	125	112	106	*93*	110	123	177	193	205	**221**	42.1
Fur goods	9,030	7,487	*7,069*	7,205	7,217	7,332	8,020	8,634	9,348	10,829	11,671	**11,957**	11,591	59.1
Furnishing goods, men's	22,459	22,179	22,467	22,929	22,447	21,965	21,871	21,752	*21,625*	22,614	**23,439**	23,321	22,899	92.3
Furniture	127,881	131,801	135,295	**136,341**	133,507	129,765	126,518	122,101	126,070	125,673	124,879	122,161	*119,861*	87.9
Furs, dressed	1,525	*1,224*	1,256	1,297	1,437	1,721	1,705	1,702	1,617	**1,734**	1,609	1,600	1,398	70.6
Galvanizing	1,580	1,577	1,686	**1,771**	1,660	1,602	1,663	1,745	1,666	1,678	1,478	*1,198*	1,236	67.6
Gas and electric fixtures	10,913	11,046	11,083	11,002	10,836	10,647	10,444	*10,129*	10,461	11,172	**11,764**	11,409	10,963	86.1
Gas, illuminating and heating	43,792	41,603	41,017	41,488	44,276	47,204	**47,572**	46,962	45,772	44,213	42,999	41,404	*40,994*	86.2
Gas machines, and gas and water meters	4,972	4,682	5,069	5,154	5,125	5,111	**5,208**	5,153	5,161	4,959	4,687	*4,662*	4,693	89.5
Glass	74,502	83,002	85,875	**86,461**	85,644	82,973	74,347	55,433	*49,861*	62,683	72,075	77,383	78,287	57.7
Glass, cutting, staining, and ornamenting	8,067	8,437	**8,524**	8,447	8,283	8,002	7,834	*7,380*	7,993	8,140	7,987	7,937	7,840	86.6
Gloves and mittens, leather	10,668	11,762	11,745	**11,791**	11,573	11,379	11,348	11,012	11,059	9,788	9,417	*8,561*	8,581	72.6
Glucose and starch	4,509	4,850	4,932	**4,948**	4,608	4,182	4,405	4,157	4,403	4,627	4,377	*4,189*	4,480	83.6
Glue, not elsewhere specified	3,129	3,396	3,414	3,438	**3,531**	3,342	3,158	2,788	*2,785*	2,827	3,008	2,902	2,959	78.9
Gold and silver, leaf and foil	1,135	1,168	**1,177**	1,167	1,148	1,133	1,120	1,128	*1,088*	1,117	1,129	1,124	1,121	92.4
Gold and silver, reducing and refining, not from the ore	456	**471**	463	463	460	456	461	469	445	444	444	*440*	456	93.4
Graphite, ground and refined	250	258	259	253	255	250	263	248	*187*	213	270	261	**283**	66.1
Grease and tallow, not including lubricating grease	5,106	5,050	4,973	5,056	5,113	5,151	5,271	5,176	5,191	**5,301**	5,066	*4,955*	4,969	94.0
Grindstones	686	588	576	618	737	**827**	818	816	784	722	673	563	*510*	61.7
Haircloth	595	**625**	623	616	613	576	589	582	593	594	594	*558*	577	89.3
Hair work	1,193	1,192	1,226	**1,283**	1,248	1,244	1,207	1,144	1,170	1,209	1,188	**1,124**	*1,081*	84.3
Hammocks	285	253	277	323	331	351	**361**	289	*220*	232	264	263	256	60.9
Hand stamps	1,321	1,377	1,382	**1,386**	1,382	1,380	1,363	1,307	*1,205*	1,236	1,263	1,271	1,300	86.9
Hardware	41,213	43,036	43,403	**43,651**	43,264	42,265	41,054	40,071	40,022	39,582	39,673	39,448	*39,087*	89.5
Hardware; saddlery	2,511	2,758	**2,778**	2,770	2,528	2,456	2,396	*1,931*	2,418	2,435	2,552	2,551	2,559	69.5
Hat and cap materials	1,775	1,844	1,803	**1,919**	1,894	1,693	1,813	1,733	*1,620*	1,687	1,689	1,781	1,824	88.2
Hats and caps, other than felt, straw, and wool	7,322	7,200	7,338	7,409	7,267	7,388	7,316	7,350	7,339	**7,502**	7,391	*7,152*	7,212	95.3
Hats, fur-felt	21,318	21,519	21,783	21,581	20,518	*19,791*	20,134	22,030	22,269	22,356	**22,438**	20,844	20,553	88.2
Hats, straw	9,483	11,433	**12,252**	12,243	11,721	9,578	7,824	*4,339*	7,254	8,853	8,820	8,956	10,023	39.5
Hats, wool-felt	1,249	*835*	984	1,058	1,253	1,400	1,491	1,442	**1,518**	1,480	1,472	1,053	1,002	56.0
Hones and whetstones	170	188	195	205	**213**	199	199	181	152	128	126	*121*	133	56.8
Horseshoes, not made in steelworks or rolling mills	588	556	545	*536*	545	540	549	552	564	565	673	705	**726**	73.8
Hosiery and knit goods	150,520	152,974	155,683	**157,636**	157,054	155,273	153,071	148,572	*142,779*	143,747	147,513	146,356	145,582	90.6

No. 171.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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.	
House-furnishing goods, not elsewhere specified	6,935	6,797	6,872	7,052	7,026	7,034	6,937	6,789	6,769	6,957	7,176	7,051	6,760	94.2
Ice, manufactured	23,011	15,144	15,660	17,128	21,023	25,686	30,825	32,526	32,104	28,896	23,065	18,085	15,990	46.6
Ink, printing	1,391	1,391	1,383	1,374	1,374	1,377	1,385	1,402	1,402	1,409	1,414	1,399	1,382	97.2
Ink, writing	512	462	494	502	532	552	519	498	544	570	521	493	457	82.8
Instruments, professional and scientific	7,107	6,670	6,796	7,101	7,161	7,255	7,257	7,301	7,088	7,213	7,564	6,998	6,880	88.2
Iron and steel, blast furnaces	29,356	31,898	31,860	32,813	32,851	31,733	30,782	29,921	29,000	27,757	26,407	23,329	23,912	71.0
Iron and steel, steelworks and rolling mills	248,716	257,651	262,418	271,531	270,941	254,443	254,827	252,680	247,953	249,635	233,338	210,279	218,896	77.4
Iron and steel, bolts, nuts, washers, and rivets, not made in steelworks or rolling mills	10,658	11,166	11,003	11,132	11,328	11,079	10,649	10,787	10,721	10,393	9,948	9,830	9,860	88.0
Iron and steel, doors and shutters	1,985	1,946	2,028	1,921	1,980	1,944	1,817	1,857	1,859	1,957	2,139	2,240	2,132	81.1
Iron and steel forgings, not made in steelworks or rolling mills	10,689	10,926	11,148	11,472	11,372	10,877	10,465	10,589	10,459	10,372	10,178	10,012	10,398	87.3
Iron and steel nails and spikes, cut and wrought, including wire nails not made in steelworks or rolling mills	2,644	2,775	2,743	2,786	2,721	2,612	2,562	2,550	2,551	2,565	2,594	2,625	2,644	93.0
Iron and steel, cast-iron pipe	12,557	11,816	12,572	13,193	12,701	12,613	12,849	13,221	13,427	13,211	12,555	11,336	11,190	83.3
Iron and steel, wrought pipe	8,845	9,834	9,794	9,836	10,764	9,947	8,804	9,766	8,481	7,436	7,008	6,796	7,674	63.1
Ivory, shell and bonework, not including combs and hairpins	795	804	823	821	805	787	783	780	774	805	807	793	758	92.1
Japanning	228	223	224	228	256	263	238	231	229	224	210	210	200	76.0
Jewelry	28,289	30,377	29,941	29,314	28,741	28,568	27,709	26,542	26,807	28,075	28,567	27,677	27,150	87.4
Jewelry and instrument cases	2,393	2,294	2,303	2,338	2,359	2,353	2,318	2,292	2,351	2,487	2,626	2,586	2,409	87.3
Jute goods	7,987	8,221	8,234	8,308	8,383	8,366	8,326	8,266	8,060	7,891	7,491	7,237	7,061	84.2
Labels and tags	2,600	2,614	2,616	2,625	2,577	2,596	2,587	2,635	2,621	2,621	2,604	2,588	2,516	95.5
Lace, cotton	7,440	7,944	7,999	8,182	7,955	7,594	7,307	7,220	7,188	7,156	7,365	6,758	6,612	87.5
Lamps and reflectors	7,134	7,773	7,980	8,032	8,047	7,283	7,106	6,759	6,635	6,592	6,719	6,568	6,114	76.0
Lapidary work	584	754	698	747	741	707	730	677	486	476	397	339	256	34.0
Lard, not made in slaughtering and meat-packing establishments	19	19	20	21	18	18	18	18	18	18	20	21	19	85.7
Lasts	2,094	2,323	2,362	2,203	2,098	2,051	1,997	2,102	2,054	1,905	1,979	2,039	2,015	80.6
Lead, bar, pipe, and sheet	585	567	591	596	592	589	606	605	600	576	573	566	559	92.2
Leather goods, not elsewhere specified	7,071	6,677	6,820	6,881	6,860	6,807	6,939	6,988	7,115	7,553	7,854	7,417	6,941	85.0
Leather, tanned, curried, and finished	55,936	58,250	58,455	58,743	58,001	57,009	56,530	55,216	54,294	53,715	53,491	53,793	53,735	91.1
Lime	12,429	11,076	10,811	11,961	13,164	13,407	13,154	13,342	13,745	13,670	12,876	11,768	10,174	80.6
Linen goods	3,567	3,683	3,681	3,719	3,704	3,603	3,451	3,375	3,422	3,498	3,589	3,530	3,549	90.8
Liquors, distilled	6,295	6,899	6,841	7,072	6,849	6,370	5,691	5,251	5,378	6,095	6,164	6,240	6,690	74.3
Liquors, malt	62,070	59,343	58,970	59,310	60,626	62,681	66,933	67,478	66,423	63,559	61,279	59,531	58,707	87.0

Liquors, vinous	2,292	2,056	1,991	2,008	2,037	1,959	1,843	1,769	1,940	3,309	3,627	2,666	2,299	48.8
Lithographing	15,171	15,080	15,039	15,160	15,178	15,240	15,343	15,209	15,208	15,176	15,187	15,158	15,074	98.0
Locomotives, not made by railroad companies	17,391	22,364	22,202	21,814	19,699	18,839	17,482	16,102	15,760	15,272	13,576	12,335	13,047	56.0
Looking-glass and picture frames	4,787	4,597	4,926	4,933	4,787	4,714	4,723	4,662	4,761	4,896	4,970	4,928	4,547	91.5
Lubricating greases	476	479	466	486	484	490	485	491	500	483	475	448	425	85.0
Lumber and timber products	479,786	488,367	494,736	507,229	502,607	507,876	500,581	493,776	482,532	465,920	455,178	436,895	421,735	83.0
Lumber, planing-mill products, not including planing mills connected with sawmills	96,214	91,452	92,207	93,717	96,844	99,049	100,863	101,228	101,147	99,079	96,680	92,916	89,386	88.3
Malt	1,989	2,350	2,386	2,326	2,209	1,983	1,816	1,650	1,540	1,629	1,911	1,974	2,094	64.5
Marble and stone work	54,981	48,653	47,732	51,564	56,477	58,414	59,378	59,568	60,039	59,231	57,031	52,533	49,152	79.5
Matches	3,800	4,275	4,380	4,244	4,099	3,890	3,585	3,121	3,250	3,590	3,835	3,787	3,544	71.3
Mats and matting, from cocoa fiber, grass, etc	869	1,457	1,285	1,221	1,119	1,072	1,074	902	472	316	389	457	664	21.7
Mattresses and spring beds, not elsewhere specified	11,747	11,550	11,645	11,869	12,045	12,053	12,052	11,681	11,587	11,856	11,906	11,527	11,193	92.9
Millinery and lace goods	45,274	46,460	52,390	53,209	48,976	41,414	38,273	38,805	44,934	48,863	45,279	42,110	42,575	71.9
Mineral and soda waters	15,506	12,448	12,688	13,410	14,987	16,583	18,451	19,264	18,644	17,304	15,852	13,405	13,036	64.6
Minerals and earths, ground	4,707	4,759	4,550	4,859	5,075	4,947	4,886	4,623	4,679	4,728	4,742	4,437	4,199	82.7
Mirrors, framed and unframed	3,184	3,306	3,290	3,311	3,252	3,160	3,167	3,130	3,104	3,172	3,151	3,119	3,046	92.0
Models and patterns, not including paper patterns	4,274	4,238	4,430	4,500	4,466	4,412	4,284	4,338	4,267	4,128	4,031	4,068	4,126	89.6
Motorcycles, bicycles, and parts	6,680	8,848	9,177	8,840	8,300	7,872	6,270	5,351	4,792	4,333	4,608	5,360	6,414	47.2
Mucilage and paste	700	698	692	697	719	708	711	717	703	707	686	685	677	94.2
Musical instruments and materials, not elsewhere specified	1,831	1,792	1,825	1,845	1,855	1,810	1,805	1,772	1,802	1,812	1,864	1,880	1,910	92.8
Musical instruments, organs	3,063	3,191	3,217	3,231	3,194	3,115	3,103	3,077	2,994	2,918	2,920	2,866	2,930	88.7
Musical instruments, pianos	23,877	25,168	25,221	25,372	25,276	24,565	23,752	22,497	22,398	22,915	23,130	23,091	23,144	88.3
Musical instruments, piano and organ materials	10,616	11,633	11,712	11,839	11,522	11,035	10,451	9,776	9,789	9,865	9,899	9,888	9,983	74.2
Needles, pins, and hooks and eyes	5,339	5,497	5,474	5,445	5,421	5,405	5,268	5,318	5,199	5,288	5,279	5,258	5,216	94.6
Nets and seines	1,058	1,098	1,131	1,099	1,060	1,039	970	1,014	1,029	1,048	1,068	1,073	1,067	85.8
Oakum	116	116	122	111	107	112	106	112	119	121	121	123	122	86.2
Oil, cottonseed and cake	21,810	32,459	28,065	21,368	13,561	8,421	7,063	7,361	10,015	24,787	35,478	36,838	36,304	19.2
Oil, essential	249	202	199	215	218	223	288	287	359	307	253	231	206	55.4
Oil, linseed	1,488	1,770	1,680	1,614	1,352	1,274	1,104	1,118	1,236	1,289	1,733	1,853	1,833	59.6
Oil, not elsewhere specified	2,049	1,840	1,919	1,880	1,936	1,948	2,240	2,270	2,194	2,248	2,218	2,016	1,879	81.1
Oilcloth and linoleum, floor	4,428	4,572	4,556	4,564	4,499	4,503	4,528	4,267	4,263	4,359	4,431	4,262	4,332	93.2
Oilcloth, enameled	1,223	1,298	1,303	1,295	1,275	1,224	1,208	1,156	1,186	1,166	1,188	1,184	1,193	88.7
Oleomargarine	917	1,007	1,016	1,039	897	762	744	801	821	961	985	951	1,020	72.9
Optical goods	7,919	7,929	8,029	8,178	8,083	8,062	8,071	7,745	7,682	7,575	7,721	7,907	8,046	92.6
Paints	13,349	13,002	13,501	13,752	13,978	14,024	14,048	13,293	13,157	13,229	12,948	12,683	12,573	89.5
Paper and wood pulp	88,457	89,140	89,235	89,756	89,916	89,633	88,389	87,061	86,725	88,847	88,830	87,018	86,934	96.6
Paper goods, not elsewhere specified	13,495	13,544	13,665	13,901	14,158	14,277	13,846	13,399	13,135	13,180	13,207	12,929	12,699	88.9
Paper patterns	1,073	1,013	1,038	1,068	1,057	1,055	1,111	1,129	1,123	1,106	1,070	1,054	1,052	89.7
Patent medicines and compounds	13,328	13,878	14,143	14,235	14,000	13,569	12,753	12,804	12,543	12,862	12,945	13,082	13,122	88.1
Paving materials	19,540	13,698	12,824	14,755	19,331	22,018	23,830	24,328	24,226	23,739	22,234	18,793	14,704	52.7
Peanuts, grading, roasting, cleaning, and shelling	2,353	2,825	2,799	2,834	2,716	2,354	1,933	1,784	1,932	2,094	1,878	2,407	2,680	62.9
Pencils, lead	4,330	4,241	4,366	4,298	4,302	4,418	4,408	4,343	4,313	4,317	4,300	4,348	4,306	96.0
Pens, fountain and stylographic	1,154	1,178	1,183	1,192	1,174	1,159	1,138	1,138	1,142	1,133	1,136	1,141	1,134	95.1
Pens, gold	246	282	272	245	247	243	243	231	241	242	242	237	227	80.5
Pens, steel	573	577	557	549	575	577	596	586	580	579	577	582	541	90.8
Perfumery and cosmetics	2,897	2,646	2,752	2,899	2,940	2,928	2,905	2,846	2,786	2,948	3,150	3,000	2,964	84.0
Petroleum, refining	25,366	25,068	25,053	25,833	25,565	25,138	25,572	25,849	24,946	25,516	25,773	25,211	24,868	96.2

No. 171.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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.	
Phonographs and graphophones	9,381	9,276	9,050	9,413	9,441	9,617	9,177	9,523	9,673	*8,743*	9,017	9,635	10,007	87.4
Photo-engraving, not done in printing establishments	6,211	6,317	6,268	6,306	6,339	6,298	6,207	6,136	6,121	*6,080*	6,132	6,137	6,191	95.9
Photographic apparatus	2,016	2,087	2,169	2,192	2,166	2,110	2,113	2,029	1,978	1,854	1,862	1,819	*1,813*	82.7
Photographic materials	6,658	6,919	7,020	7,024	7,012	6,919	6,879	6,888	6,809	6,296	6,177	5,981	*5,972*	85.0
Pickles, preserves, and sauces	12,590	10,276	10,742	10,333	*10,026*	10,179	11,641	12,312	14,381	19,136	17,540	12,980	11,534	52.4
Pipes, tobacco	2,354	2,331	2,442	2,477	2,439	2,463	2,374	2,205	2,336	2,314	2,338	2,371	*2,158*	87.1
Plated ware	8,717	8,817	9,097	9,191	9,049	8,904	8,664	*8,204*	8,448	8,594	8,734	8,622	8,280	89.3
Plumbers' supplies, not elsewhere specified	18,479	17,986	18,383	18,488	18,529	18,562	19,047	19,372	19,394	18,718	18,342	17,722	*17,205*	88.7
Pocketbooks	1,466	1,300	1,399	1,545	1,506	1,432	1,398	1,438	1,517	1,627	1,695	1,492	*1,243*	73.3
Pottery	26,705	26,034	26,732	27,240	27,301	27,099	26,668	*25,565*	26,754	26,963	27,188	26,737	26,179	93.6
Poultry, killing and dressing	1,353	1,408	926	*790*	894	965	1,016	956	953	1,060	1,402	2,708	3,158	25.0
Printing and publishing, book and job	113,121	114,868	115,215	116,496	114,034	113,221	112,223	*110,458*	110,475	111,999	112,852	112,726	112,890	94.8
Printing and publishing, music	873	893	889	901	887	876	850	*845*	849	873	877	884	852	93.8
Printing and publishing, newspapers and periodicals	114,375	114,492	114,495	114,838	114,812	114,842	114,145	112,555	*112,504*	113,694	115,041	115,248	115,834	97.1
Printing materials	423	411	409	411	429	436	413	410	*405*	422	451	445	434	89.8
Pulp goods	1,654	1,798	1,800	1,800	1,764	1,757	1,719	1,701	1,592	1,560	1,519	*1,403*	1,435	77.9
Pulp wood	421	528	399	253	*155*	370	474	505	451	445	486	451	535	29.0
Pumps, not including power pumps	2,134	2,280	2,263	2,313	2,305	2,217	2,151	2,132	2,045	1,997	1,962	*1,930*	2,013	83.4
Pumps, steam and other pumps	6,188	6,605	6,608	6,569	6,492	6,426	6,408	6,366	6,224	6,027	5,710	5,422	*5,399*	81.7
Refrigerators	5,617	6,056	6,260	6,361	6,339	6,231	5,962	5,446	*4,482*	4,498	4,862	5,424	5,483	70.5
Regalia and society badges and emblems	2,010	1,971	2,007	2,086	2,128	2,121	2,100	1,997	*1,916*	1,928	2,005	1,943	1,918	90.0
Rice, cleaning and polishing	1,253	1,758	1,690	1,342	1,175	819	344	*332*	608	1,567	1,701	1,852	1,848	17.9
Roofing materials	4,088	3,825	3,787	4,003	4,232	4,295	4,240	4,205	4,131	4,325	4,314	3,970	*3,729*	86.2
Rubber goods, not elsewhere specified	50,220	47,201	50,788	54,078	57,317	58,246	54,624	51,414	46,617	46,629	45,881	*44,574*	45,271	76.5
Rules, ivory and wood	408	515	483	472	455	400	393	382	376	351	352	*344*	373	66.8
Saddlery and harness	12,969	13,765	13,854	13,653	13,399	13,135	12,834	12,436	12,105	*11,876*	12,401	12,679	13,491	85.7
Safes and vaults	2,972	3,148	3,200	3,142	3,157	3,108	3,065	2,978	2,842	2,769	2,777	*2,721*	2,757	85.0
Salt	5,089	4,731	*4,654*	4,875	5,096	5,126	5,128	5,167	5,221	5,448	5,492	5,159	4,971	84.7
Sand and emery paper and cloth	681	747	736	736	724	624	622	*616*	625	653	645	715	729	82.5
Sand-lime brick	557	404	*396*	493	544	714	720	686	702	604	515	476	430	55.0
Sausage, not made in slaughtering and meat-packing establishments	2,244	2,270	2,259	2,228	2,177	*2,174*	2,186	2,218	2,250	2,270	2,303	2,309	2,284	94.2
Saws	4,560	4,755	4,733	4,784	4,755	4,710	4,662	4,584	4,494	4,382	4,299	4,294	*4,268*	89.2
Scales and balances	4,467	4,659	4,867	4,885	4,774	4,704	4,711	4,616	4,460	4,118	4,005	3,941	*3,864*	79.1
Screws, machine	3,643	3,808	3,814	3,903	3,943	3,815	3,688	3,647	3,535	3,344	*3,273*	3,388	3,558	83.0

Screws, wood	4,446	**5,171**	5,036	4,858	4,658	4,593	4,512	4,406	4,274	4,264	3,966	3,820	*3,794*	82.5
Sewing-machine cases	3,699	4,236	4,249	**4,255**	4,183	4,027	4,110	3,952	3,570	3,439	2,880	*2,737*	2,750	64.4
Sewing machine and attachments	14,308	**16,056**	15,803	15,739	15,475	14,985	14,720	14,648	14,098	12,819	*12,312*	12,449	12,592	76.7
Shipbuilding, iron and steel	33,508	36,262	35,435	**36,788**	36,636	36,773	36,222	34,822	32,967	29,808	28,743	*28,107*	29,533	76.4
Shipbuilding, wooden, including boat building	10,981	10,776	10,341	11,746	12,305	**12,794**	12,388	11,342	10,639	10,062	10,419	9,736	*9,224*	72.1
Shirts	51,972	56,006	56,487	**56,659**	54,890	53,483	51,365	49,985	48,164	*47,754*	48,753	50,113	50,005	84.3
Show cases	2,257	2,301	2,353	2,392	**2,395**	2,374	2,291	2,194	2,184	2,212	2,179	2,127	*2,082*	86.9
Signs and advertising novelties	9,566	9,288	*9,256*	9,282	9,613	9,868	**9,927**	9,639	9,611	9,734	9,704	9,497	9,373	93.2
Silk goods, including throwsters	108,170	107,769	109,712	110,879	111,706	**112,761**	111,779	111,141	109,700	107,193	105,213	100,142	*100,045*	88.7
Silversmithing and silverware	7,070	7,283	**7,298**	7,214	7,110	6,973	6,929	*6,465*	6,887	7,033	7,249	7,239	7,160	88.6
Slaughtering and meat packing	98,832	106,613	103,062	99,633	94,090	91,973	95,108	94,848	*91,292*	95,128	101,938	103,859	**108,440**	84.2
Smelting and refining, copper	17,731	20,778	19,867	20,381	20,811	20,725	**20,837**	20,502	16,233	13,568	13,435	*12,295*	13,340	59.0
Smelting and refining, lead	7,385	**7,752**	7,564	7,541	7,560	7,512	7,640	7,449	7,510	7,147	7,089	*6,779*	7,077	87.4
Smelting and refining, zinc	9,617	9,748	9,663	**9,824**	9,683	9,663	9,439	*9,260*	9,344	9,667	9,801	9,562	9,750	94.3
Smelting and refining, not from the ore	2,585	2,828	2,732	2,777	**2,832**	2,801	2,779	2,713	*1,839*	2,160	2,525	2,517	2,517	64.9
Soap	14,172	14,212	14,325	14,427	**14,461**	14,418	14,138	13,893	13,927	14,160	14,286	14,106	*13,711*	94.8
Soda-water apparatus	2,229	2,320	2,271	2,409	**2,489**	2,477	2,342	2,157	2,076	*1,950*	2,097	2,064	2,096	78.3
Sporting and athletic goods	5,602	5,893	5,886	**5,961**	5,478	5,501	5,647	5,407	*5,175*	5,416	5,595	5,569	5,696	86.8
Springs, steel, car, and carriage, not made in steelworks or rolling mills	3,703	3,584	3,566	3,790	3,818	3,806	3,682	*3,528*	3,597	**3,862**	3,639	3,715	3,849	91.4
Stamped and enameled ware, not elsewhere specified	28,731	28,732	29,787	**30,785**	30,537	30,046	29,187	28,374	28,180	28,296	28,138	26,408	*26,302*	85.4
Stationery goods, not elsewhere specified	7,728	7,601	7,737	**7,953**	7,879	7,894	7,946	7,720	7,679	7,699	7,625	7,506	*7,497*	94.3
Statuary and art goods	1,988	*1,896*	1,907	1,959	1,935	1,941	1,951	1,921	2,086	2,044	2,065	**2,099**	2,052	90.3
Steam fittings and steam and hot-water heating apparatus	26,388	26,338	27,061	**27,388**	26,767	26,483	26,071	26,641	27,178	26,450	25,913	*25,032*	25,334	91.4
Steam packing	4,213	**4,506**	4,499	4,473	4,293	4,185	4,241	4,095	*3,949*	4,045	4,153	4,085	4,032	87.6
Stencils and brands	*446*	*453*	**462**	452	454	444	439	*430*	441	441	443	436	457	93.1
Stereotyping and electrotyping	3,457	3,470	**3,511**	3,493	3,494	3,487	3,465	3,437	3,438	3,426	3,425	*3,413*	3,425	97.2
Stoves and hot-air furnaces	29,535	27,112	30,828	**31,650**	31,496	30,892	30,524	*26,751*	28,870	29,797	30,442	28,967	27,091	84.5
Stoves, gas and oil	7,790	7,622	8,127	8,373	8,612	8,435	**8,709**	7,828	*7,033*	7,166	7,411	7,059	7,105	80.8
Structural ironwork, not made in steelworks or rolling mills	47,167	46,876	45,859	45,744	46,508	48,279	49,880	**50,214**	50,184	48,912	46,823	44,202	*42,523*	84.7
Sugar, beet	7,997	6,593	*2,527*	2,537	3,164	3,989	4,045	4,470	7,180	9,066	**20,353**	18,686	13,354	12.4
Sugar, cane	3,632	1,453	893	*673*	701	723	857	1,062	1,017	1,338	7,253	**14,635**	12,979	4.6
Sugar, refining	11,253	*9,112*	9,930	11,722	11,983	12,229	**12,792**	12,471	12,397	11,593	10,390	10,117	10,300	71.2
Sulphuric, nitric, and mixed acids	3,064	*2,858*	2,903	2,900	2,898	2,926	3,007	2,952	3,090	3,049	3,312	3,346	**3,527**	81.0
Surgical appliances	4,282	4,121	4,261	4,276	4,244	4,249	4,148	4,122	*4,111*	4,291	4,491	**4,625**	4,445	88.9
Suspenders, garters, and elastic-woven goods	9,646	9,722	9,975	**10,027**	9,942	9,710	9,588	9,664	9,625	9,762	9,625	9,226	*8,886*	88.6
Theatrical scenery	88	80	81	78	87	90	93	**101**	97	100	89	88	*72*	71.3
Tin plate and terneplate	5,238	5,222	5,277	5,686	**5,702**	5,591	5,580	5,448	4,943	5,427	5,526	4,300	*4,154*	72.9
Tin foil	1,031	*968*	978	1,002	1,006	1,004	998	1,006	1,067	**1,111**	1,085	1,087	1,060	87.1
Tinware, not elsewhere specified	22,584	20,485	21,422	22,137	23,204	23,505	24,078	24,134	24,627	**24,940**	22,799	20,139	*19,538*	78.3
Tobacco, chewing and smoking and snuff	25,980	26,855	27,382	**27,995**	27,566	26,320	25,679	25,479	24,918	25,811	24,892	*24,575*	*24,238*	86.8
Tobacco, cigars, and cigarettes	152,892	151,986	153,232	153,488	*149,916*	152,070	152,270	152,213	153,363	154,810	**156,404**	154,005	150,948	95.9
Tools, not elsewhere specified	16,866	17,885	17,812	**17,910**	17,734	17,346	16,748	16,746	16,606	16,186	15,905	*15,691*	15,823	87.6
Toys and games	7,887	*5,745*	6,438	6,853	7,165	7,501	7,861	8,299	8,712	9,818	**10,135**	9,086	7,031	56.7
Trunks and valises	9,911	9,816	10,324	10,427	**10,633**	10,318	10,174	10,124	9,935	9,845	9,643	9,096	*8,597*	80.9
Turpentine and rosin	34,817	33,717	33,984	35,759	37,408	**37,767**	37,647	37,579	35,747	34,031	32,608	31,150	*30,407*	80.5
Type founding	1,054	1,060	1,094	1,112	**1,114**	1,056	1,039	1,002	*989*	1,065	1,048	1,036	1,033	88.8
Typewriters and supplies	11,091	13,074	13,164	**13,273**	13,228	12,891	12,504	11,952	8,290	*7,686*	8,751	9,011	9,268	57.9

No. 171.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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.	
Umbrellas and canes	4,792	5,015	5,150	5,143	5,060	4,981	4,760	4,473	*4,469*	4,726	4,738	4,519	4,470	86.8
Upholstering materials, not elsewhere specified	4,426	4,535	4,471	4,523	4,562	4,574	4,341	4,298	*4,246*	4,273	4,510	4,485	4,294	92.8
Varnishes	2,734	2,721	2,776	2,841	2,874	2,881	2,822	2,737	2,664	2,643	2,616	*2,605*	2,628	90.4
Vault lights and ventilators	601	546	*540*	558	582	616	633	620	600	635	639	633	610	84.5
Vinegar and cider	1,229	776	*768*	777	776	778	815	882	1,006	1,651	2,529	2,477	1,513	30.4
Wall paper, not made in paper mills	4,738	5,517	5,466	5,202	4,864	4,448	4,007	3,945	*3,176*	4,633	5,064	5,234	5,300	57.6
Wall plaster	5,389	4,966	4,998	5,230	5,695	5,691	5,667	5,752	5,750	5,596	5,361	5,065	*4,897*	85.1
Washing machines and clothes wringers	2,302	2,371	2,461	2,512	2,503	2,528	2,321	2,316	2,182	2,191	2,173	2,046	*2,020*	79.9
Waste	2,966	2,975	3,050	3,108	2,982	3,027	3,074	2,864	3,030	2,947	2,979	2,793	*2,763*	88.9
Watch and clock materials	670	727	715	706	695	686	653	629	*623*	649	650	646	661	85.7
Watchcases	3,514	3,887	3,859	3,825	3,805	3,699	3,659	3,283	3,382	3,312	3,209	3,161	*3,087*	79.4
Watches	12,390	12,863	12,885	12,913	12,487	12,557	12,388	*11,642*	12,185	12,197	12,280	12,210	12,073	90.2
Wheelbarrows	323	295	297	287	406	416	432	324	305	280	276	284	*274*	63.4
Whips	1,163	1,199	1,203	1,205	1,213	1,196	1,138	1,154	1,138	1,141	*1,112*	1,122	1,135	91.7
Windmills, not elsewhere specified	1,955	2,051	2,064	2,102	2,077	1,992	2,006	1,980	1,949	1,903	1,770	*1,739*	1,827	82.7
Window and door screens and weather strips	3,194	3,099	3,214	3,495	3,878	3,924	3,786	3,049	*2,687*	2,704	2,788	2,772	2,932	68.5
Window shades and fixtures	4,077	4,086	4,070	4,134	4,230	4,239	4,149	3,961	*3,910*	4,000	4,085	4,041	4,019	92.2
Wire	17,600	18,483	18,733	18,816	18,363	17,864	17,575	17,200	17,006	17,329	17,207	16,369	*16,255*	86.4
Wirework, including wire rope and cable, not elsewhere specified	12,126	12,544	12,648	12,756	12,744	12,558	12,106	*11,608*	11,650	11,707	11,825	11,756	11,610	91.0
Wood carpet	166	122	*120*	159	165	164	163	200	191	194	212	166	136	56.6
Wood distillation, not including turpentine and rosin	2,782	3,531	3,359	2,887	2,552	2,463	2,453	*2,434*	2,607	2,664	2,721	2,787	2,926	68.9
Wood preserving	2,830	2,809	*2,544*	2,811	2,848	2,943	2,991	3,131	3,010	2,829	2,772	2,694	2,578	81.3
Wood, turned and carved	11,615	12,414	12,655	12,542	12,343	11,870	11,398	11,093	10,965	*10,851*	11,082	10,965	11,202	86.6
Wooden goods, not elsewhere specified	6,418	6,478	6,681	6,676	6,794	6,584	6,538	6,279	6,258	*5,964*	6,251	6,172	6,341	87.8
Wool pulling	708	738	720	750	723	706	671	*658*	690	673	676	729	762	86.4
Wool scouring	1,059	1,044	1,132	1,161	1,087	1,199	1,118	1,096	950	*850*	906	1,047	1,118	70.9
Woolen and worsted goods	158,692	155,262	158,745	163,859	165,175	164,665	163,625	156,463	153,601	157,842	160,027	155,987	*149,053*	90.2
Wool shoddy	2,145	2,143	2,224	2,220	2,250	2,188	2,137	2,097	2,041	*2,014*	2,034	2,104	2,288	88.0
All other [1]	357	397	385	356	381	358	347	322	*307*	324	344	375	388	77.3
Total	7,036,337	7,075,682	7,141,594	7,242,752	7,217,320	7,148,650	7,100,368	7,018,867	7,020,683	7,086,815	7,006,331	6,736,968	*6,640,284*	91.7

[1] "All other" includes "Millstones," 2 establishments; "Ordnance and accessories," 2 establishments; "Pulp, from fiber other than wood," 3 establishments; and "Whalebone cutting," 1 establishment.

No. 172.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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	78,717	80,668	81,479	**83,080**	81,555	79,208	78,532	79,646	79,181	78,750	76,231	73,252	*73,022*	87.9
Arizona	6,898	7,079	6,915	7,053	7,432	7,678	**7,774**	7,715	7,076	6,262	*5,847*	5,916	6,029	75.2
Arkansas	41,979	41,118	40,686	41,252	41,011	41,369	42,470	44,658	**45,506**	43,652	42,951	40,265	*38,810*	85.3
California	139,481	*119,688*	121,611	126,749	135,252	140,981	144,762	157,054	**161,072**	159,574	152,431	132,945	121,653	74.3
Colorado	27,278	26,816	*24,519*	24,836	25,489	25,710	26,667	28,258	27,994	27,959	**31,004**	29,667	28,417	79.1
Connecticut	226,264	228,033	230,542	**233,083**	232,162	231,433	228,252	223,931	*219,789*	222,889	223,118	220,393	221,543	94.3
Delaware	22,155	21,485	21,304	21,861	21,776	21,908	22,834	21,418	24,134	**28,364**	23,667	18,922	*18,187*	64.1
District of Columbia	8,877	8,696	8,672	*8,658*	8,725	9,003	8,869	8,765	8,885	8,965	8,995	9,064	**9,227**	93.8
Florida	55,608	55,647	55,851	56,595	57,066	56,968	56,764	**57,775**	55,924	55,071	55,354	*52,087*	52,194	90.2
Georgia	104,461	109,508	113,257	**115,286**	109,489	103,590	101,939	101,703	100,898	100,934	100,428	98,749	*97,751*	84.8
Idaho	8,919	6,915	*6,414*	7,577	8,738	9,853	**10,583**	10,368	10,069	10,091	9,831	8,783	7,806	60.6
Illinois	506,943	517,634	518,292	**521,752**	514,505	508,665	512,246	505,982	502,603	504,543	505,655	488,164	*483,275*	92.6
Indiana	197,503	196,936	198,650	203,312	205,317	203,442	203,167	199,301	201,206	**206,040**	195,460	180,266	*176,939*	85.9
Iowa	63,113	61,051	60,856	62,144	62,970	62,982	63,658	63,519	**67,845**	67,085	63,639	60,946	*60,661*	89.4
Kansas	41,259	40,351	*39,748*	39,986	40,170	40,681	41,295	42,361	41,834	42,288	**42,750**	42,290	41,354	93.0
Kentucky	64,586	63,088	63,832	65,834	66,072	65,995	65,633	65,207	**66,145**	66,067	64,742	61,931	*60,486*	91.4
Louisiana	77,665	78,445	77,385	78,311	78,905	76,604	76,265	77,889	75,848	*75,158*	78,032	**81,183**	77,955	92.6
Maine	82,149	82,527	82,406	81,457	79,169	83,812	80,810	78,888	79,811	**88,053**	87,519	83,540	*77,796*	88.4
Maryland	111,585	106,837	106,899	108,456	110,167	110,968	110,879	107,202	123,844	**134,437**	118,633	101,335	*99,363*	73.9
Massachusetts	606,698	626,776	628,535	**633,583**	628,344	619,082	611,928	595,609	588,703	589,194	590,992	587,141	*580,489*	91.6
Michigan	271,090	273,067	277,824	**282,176**	281,040	278,103	269,532	268,399	274,164	273,866	270,454	254,678	*249,777*	88.5
Minnesota	92,834	98,336	**100,110**	96,982	92,417	92,257	92,310	92,007	91,128	89,739	90,525	89,202	*88,995*	88.9
Mississippi	46,702	**48,363**	47,519	47,810	47,290	45,296	45,097	46,143	47,304	48,010	47,774	45,881	*43,937*	90.8
Missouri	152,182	151,293	151,799	155,240	**156,968**	155,556	156,296	156,263	155,366	154,431	152,048	141,558	*139,366*	88.8
Montana	13,704	14,260	13,154	13,187	14,395	15,172	15,280	**15,677**	13,232	12,386	12,920	*12,368*	12,417	78.9
Nebraska	25,144	24,159	*23,704*	24,103	24,560	25,147	25,802	25,726	**26,795**	26,210	26,017	24,852	24,653	88.5
Nevada	3,655	3,919	3,958	3,969	3,894	4,025	4,042	**4,128**	3,599	3,237	3,282	2,954	*2,853*	69.1
New Hampshire	78,993	**82,803**	82,243	81,296	80,099	9,344	78,427	78,018	77,279	*76,982*	77,402	76,993	77,030	93.0
New Jersey	373,605	375,612	377,720	381,166	**383,830**	389,376	379,332	371,217	367,483	372,481	372,664	362,322	*356,057*	92.8
New Mexico	3,776	3,621	3,623	*3,605*	3,804	3,926	3,892	**4,032**	3,927	3,846	3,816	3,606	3,614	89.4

No. 172.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS—Con.

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.	
New York	1,057,857	1,055,575	1,078,354	**1,094,773**	1,084,215	1,067,030	1,053,471	1,033,953	1,037,475	1,067,384	1,072,512	1,034,649	*1,014,893*	92.7
North Carolina	136,344	138,553	138,731	**141,491**	140,511	139,150	137,182	136,775	135,011	134,465	133,804	133,544	*132,911*	93.9
North Dakota	3,275	3,000	*2,954*	2,976	3,104	3,207	3,442	**3,625**	3,554	3,533	3,397	3,333	3,175	81.5
Ohio	510,435	511,055	524,663	**534,537**	533,186	523,653	518,316	506,133	506,991	510,037	501,396	478,412	*476,841*	89.2
Oklahoma	17,443	17,365	17,176	17,164	17,493	17,807	17,334	17,232	*16,902*	17,398	**18,088**	17,911	17,446	93.4
Oregon	28,829	26,154	26,715	28,527	30,806	**31,596**	31,540	31,095	30,505	29,243	28,421	26,531	*24,815*	78.5
Pennsylvania	924,478	945,481	949,918	**962,114**	955,614	942,197	936,124	920,404	914,502	917,927	902,731	*873,138*	873,586	90.8
Rhode Island	113,425	116,501	116,597	**116,685**	116,349	115,661	114,119	111,600	110,936	112,035	112,300	110,056	*108,261*	92.8
South Carolina	71,914	75,728	76,898	**77,256**	73,826	71,200	69,830	69,334	*68,235*	69,215	69,557	70,540	71,299	88.4
South Dakota	3,788	3,490	*3,462*	3,560	3,588	3,715	3,794	3,878	3,992	3,990	**4,087**	4,007	3,893	84.7
Tennessee	74,373	73,538	74,236	76,116	**77,312**	76,040	76,450	76,034	76,047	75,559	72,672	70,269	*68,208*	88.2
Texas	74,853	**76,993**	75,559	74,217	73,261	*72,219*	73,078	75,779	76,587	76,983	75,588	73,654	74,318	93.8
Utah	13,894	13,035	*12,382*	12,578	13,101	13,386	14,262	15,401	14,993	**15,794**	15,525	13,334	12,937	78.4
Vermont	32,704	33,288	33,273	34,155	**34,194**	34,125	33,254	31,792	*31,218*	32,208	31,615	31,571	31,760	91.3
Virginia	102,820	100,795	101,063	103,802	106,175	105,902	104,916	102,697	103,418	**108,590**	106,016	96,944	*93,522*	86.1
Washington	67,205	58,748	62,691	69,411	73,351	74,736	**75,182**	72,996	73,757	70,227	64,047	58,243	*53,071*	70.6
West Virginia	71,078	71,642	71,608	74,664	**76,677**	76,205	73,332	69,880	71,044	71,664	69,773	63,875	*62,572*	81.6
Wisconsin	194,310	197,347	203,166	**205,512**	199,210	196,041	196,523	198,170	193,475	190,652	187,342	182,227	*182,055*	88.6
Wyoming	2,989	2,663	*2,641*	2,815	2,736	2,646	2,832	3,230	**3,352**	3,347	3,279	3,207	3,070	78.8
Total	7,036,337	7,075,682	7,141,594	7,242,752	7,217,320	7,148,650	7,100,368	7,018,867	7,020,683	7,086,815	7,006,331	6,736,698	6,640,284	91.7
Geographic divisions.[1]														
New England	1,140,233	1,169,928	1,173,596	**1,180,259**	1,170,317	1,163,457	1,146,790	1,119,838	1,107,731	1,121,361	1,122,946	1,109,694	*1,096,879*	92.9
Middle Atlantic	2,355,940	2,376,668	2,405,992	**2,438,053**	2,423,659	2,392,603	2,368,927	2,325,574	2,319,460	2,357,792	2,347,907	2,270,109	*2,244,536*	92.1
East North Central	1,680,281	1,696,039	1,722,595	**1,747,289**	1,733,258	1,709,904	1,699,784	1,677,985	1,678,439	1,685,138	1,660,307	1,583,747	*1,568,887*	89.8
West North Central	381,595	381,680	382,633	384,991	383,777	383,545	386,597	387,379	**390,514**	387,276	382,463	366,188	*362,097*	92.7
South Atlantic	685,342	688,891	694,283	708,069	704,412	694,894	686,545	675,549	691,443	**711,705**	686,227	645,060	*627,026*	89.5
East South Central	264,378	265,657	267,066	**274,840**	272,229	266,539	265,712	267,030	268,677	268,386	261,419	251,333	*245,648*	90.0
West South Central	211,940	213,921	210,806	210,944	210,670	*207,999*	209,147	**215,558**	214,843	213,191	214,659	213,013	208,529	96.5
Mountain	81,113	78,308	*73,606*	75,620	79,589	82,396	85,382	**88,809**	84,242	82,922	85,504	79,835	77,143	82.9
Pacific	235,515	204,590	211,017	224,687	239,409	247,313	251,484	261,145	**265,334**	259,044	244,899	217,719	*199,539*	75.2

[1] For States included in each division, see note 5, p. 35.

No. 173.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR, 1914.

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

Prevailing hours of labor per week.	Average number employed.	Per cent of total.	Prevailing hours of labor per week.	Average number employed.	Per cent of total.
48 hours and under	831,779	11.8	Between 60 and 72 hours	249,026	3.5
Between 48 and 54 hours	944,562	13.4	72 hours	106,080	1.5
54 hours	1,813,079	25.8	Over 72 hours	59,775	0.8
Between 54 and 60 hours	1,547,374	22.0			
60 hours	1,484,662	21.1	Total	7,036,337	100.0

No. 174.—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, 1909 to 1916.

[Source: Report[illegible] of the Bureau of Labor Statistics, Department of Labor. The figures are based on [illegible] the United States, 39 cities being covered for 1909 to 1911, 40 cities [illegible] cities for 1915, and 48 cities for 1916. The relative hours are per- [illegible] range in the regular full [illegible] per week, account not being [illegible] work or other causes. [illegible] percentages which indicate the change in wages per hour and per full-time week. [illegible] 1916=100. The figures are based on the scale prevailing May 15, 1909 to 1913, inclusive, and May 1, 1914 and 1915, and May 15, 1916.]

Year.	Bakers.			Brewery and bottling-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.
1909	112	77	86	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910	111	80	88	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911	108	84	90	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912	103	90	92	.....	.....	.....	.....	.....	.....	.....	.....	.....
1913	102	93	95	102	91	92	101	94	95	100	95	95
1914	101	96	97	101	94	95	101	96	97	100	96	97
1915	101	97	98	101	98	98	100	98	98	100	98	98
1916	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	97	97	118	84	98	103	94	96	102	94	95
1914	100	98	98	110	91	100	102	96	98	101	96	97
1915	100	98	98	100	100	100	102	97	99	101	97	99
1916	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	103	88	92	100	93	92	113	86	96	100	93	93
1914	103	90	93	100	94	93	108	90	97	100	95	95
1915	100	95	96	100	95	95	100	99	99	100	97	97
1916	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	106	90	95	101	92	93	102	91	92	101	94	95
1914	106	92	97	101	95	96	101	92	93	101	95	96
1915	101	96	97	101	96	97	100	93	93	100	98	98
1916	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.		
1909	.....	.....	.....	.....	.....	.....	103	92	94	.....	.....	.....
1910	.....	.....	.....	.....	.....	.....	101	93	94	.....	.....	.....
1911	.....	.....	.....	.....	.....	.....	101	93	94	.....	.....	.....
1912	.....	.....	.....	.....	.....	.....	101	95	95	100	100	100
1913	100	96	95	101	92	93	101	96	97	100	100	100
1914	100	97	96	101	93	94	100	99	99	100	100	100
1915	100	97	97	101	97	97	100	99	99	100	100	100
1916	100	100	100	100	100	100	100	100	100	100	100	100

No. 174.—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, 1909 TO 1916—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.
1909..	103	86	90	102	87	88	.....	.....	.....	104	91	93
1910..	101	89	91	101	90	90	.....	.....	.....	104	91	94
1911..	101	89	91	101	91	91	.....	.....	.....	103	95	97
1912..	101	90	92	101	93	93	.....	.....	.....	103	95	97
1913..	101	94	96	101	94	95	100	93	93	102	97	99
1914..	101	95	97	100	96	96	100	98	98	102	98	99
1915..	101	96	96	100	97	97	100	99	99	102	99	100
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Cement workers, finishers' helpers.			Cement workers, laborers.			Composition roofers.			Composition roofers' helpers.		
1909..	101	90	90	101	91	92	.....	.....	.....	.....	.....	.....
1910..	101	92	92	100	92	93	.....	.....	.....	.....	.....	.....
1911..	101	97	98	100	93	93	.....	.....	.....	.....	.....	.....
1912..	101	97	98	100	93	94	.....	.....	.....	.....	.....	.....
1913..	101	98	99	100	97	97	.....	.....	.....	.....	.....	.....
1914..	100	99	99	100	97	97	100	97	97	101	93	94
1915..	100	99	100	100	97	97	100	99	99	101	93	94
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Elevator constructors.			Elevator constructors' helpers.			Engineers, portable and hoisting.			Hod carriers.		
1909..	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	91	93
1910..	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	93	94
1911..	.....	.....	.....	.....	.....	.....	.....	.....	.....	102	93	94
1912..	.....	.....	.....	.....	.....	.....	103	95	97	101	94	94
1913..	.....	.....	.....	.....	.....	.....	101	98	99	101	95	95
1914..	101	97	97	101	97	98	101	99	100	100	96	96
1915..	100	98	98	100	98	98	100	99	99	100	97	97
1916..	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.		
1909..	103	88	90	.....	.....	.....	.....	.....	.....	101	89	90
1910..	102	89	91	.....	.....	.....	.....	.....	.....	101	90	91
1911..	102	90	92	107	86	92	.....	.....	.....	100	91	92
1912..	102	92	93	106	87	92	101	94	93	100	92	92
1913..	102	93	95	104	91	94	101	94	95	100	98	98
1914..	101	96	97	103	96	98	101	96	97	100	99	99
1915..	101	98	99	103	97	98	100	97	98	100	100	100
1916..	100	100	100	100	100	100	100	100	100	100	100	100

No. 174.—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, 1909 to 1916—Continued.

Year.	Building trades—Continued.											
	Marble-setters' helpers.			Painters.			Painters, fresco.			Painters, sign.		
	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.
1909	.....	.....	.....	103	78	81	.....	.....	.....	.....	.....	.....
1910	.....	.....	.....	102	82	83	.....	.....	.....	.....	.....	.....
1911	.....	.....	.....	102	83	84	.....	.....	.....	.....	.....	.....
1912	100	94	94	102	84	85	102	84	86	.....	.....	.....
1913	100	99	100	101	88	89	102	86	87	101	97	98
1914	100	100	100	101	91	92	101	90	90	100	98	98
1915	100	100	100	101	92	92	101	90	90	100	98	98
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Plasterers.			Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.		
1909	102	91	93	101	91	93	102	88	91	102	83	84
1910	102	92	94	101	92	93	102	88	92	102	85	87
1911	102	93	95	101	92	93	102	93	95	102	88	89
1912	102	95	96	101	93	94	101	94	95	101	90	90
1913	102	96	97	101	95	96	101	97	98	101	94	94
1914	101	96	97	101	97	98	101	98	99	101	97	97
1915	101	96	97	101	98	99	100	99	100	100	98	99
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Slate and tile roofers.			Steam fitters.			Steam fitters' helpers.			Stonemasons.		
1909	.....	.....	.....	103	84	86	101	82	82	103	89	92
1910	.....	.....	.....	103	86	88	100	88	87	101	90	91
1911	.....	.....	.....	103	90	91	100	89	90	100	91	91
1912	.....	.....	.....	102	91	92	100	91	92	100	92	92
1913	.....	.....	.....	102	94	95	100	94	95	100	95	95
1914	100	94	94	100	96	96	100	96	96	100	98	98
1915	100	97	98	100	98	98	100	99	99	100	99	99
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Building trades—Continued.											
	Structural-iron workers.			Structural-iron workers, finishers.			Structural-iron workers, finishers' helpers.			Tile layers.		
1909	103	87	89	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910	102	90	91	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911	102	92	94	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912	101	94	94	101	94	95	101	97	98	101	93	94
1913	100	97	97	100	96	97	100	99	99	101	97	98
1914	100	98	99	100	98	99	100	100	100	101	98	99
1915	100	98	99	100	99	99	100	100	100	101	99	99
1916	100	100	100	100	100	100	100	100	100	100	100	100

No. 174.—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, 1909 to 1916—Continued.

Year.	Building trades—Continued.			Chauffeurs, teamsters and drivers, etc.								
	Tile layers' helpers.			Chauffeurs.			Teamsters and drivers.			Miscellaneous occupations.		
	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.
1912..	102	91	92	.....	.....	.....	.....	.....	.....	.....	.....	.....
1913..	102	92	94	103	94	97	101	94	94	101	95	96
1914..	102	93	95	103	95	97	101	95	96	101	96	97
1915..	100	96	97	102	96	97	100	97	97	101	96	97
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Freight handlers.			Granite and stone trades.						Metal trades.		
				Granite cutters.			Stonecutters.			Blacksmiths.		
1909..	.....	.....	.....	102	89	90	101	91	92	103	86	90
1910..	.....	.....	.....	102	89	90	101	92	92	103	89	92
1911..	.....	.....	.....	101	89	91	101	92	92	102	89	92
1912..	.....	.....	.....	101	90	91	101	92	93	102	92	93
1913..	100	86	86	100	95	95	100	95	95	101	94	95
1914..	100	88	88	100	96	95	100	98	99	101	96	97
1915..	100	88	88	100	96	96	100	99	100	101	96	97
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Metal trades—Continued.											
	Blacksmiths' helpers.			Boiler makers.			Boiler makers' helpers.			Core makers.		
1909..	103	84	87	104	83	86	103	81	84	103	77	79
1910..	103	88	91	103	88	90	103	83	85	102	81	83
1911..	102	88	91	103	93	95	103	86	88	101	86	87
1912..	102	89	91	103	94	96	103	92	94	101	86	88
1913..	101	92	93	103	94	97	103	93	95	101	92	93
1914..	101	93	94	103	95	97	103	93	96	101	93	94
1915..	101	95	97	103	95	97	102	93	96	101	94	94
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Metal trades—Continued.											
	Machinists.			Machinists' helpers.			Metal polishers and buffers.			Molders, iron.		
1909..	106	80	84	.....	.....	.....	.....	.....	.....	103	80	83
1910..	105	83	87	.....	.....	.....	.....	.....	.....	103	84	87
1911..	105	84	88	.....	.....	.....	.....	.....	.....	103	86	88
1912..	104	85	88	.....	.....	.....	.....	.....	.....	103	86	89
1913..	103	86	89	100	93	93	103	93	95	102	91	93
1914..	103	88	90	100	93	93	103	93	95	102	93	94
1915..	103	88	91	100	93	93	102	94	96	102	93	94
1916..	100	100	100	100	100	100	100	100	100	100	100	100

No. 174.—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, 1909 to 1916—Continued.

Year.	Metal trades—Con.			Millwork.						Printing and publishing: Book and job.		
	Pattern makers, wood.			Carpenters.			Painters, hardwood finishers.			Bookbinders.		
	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.
1909	104	84	88	.....	.....	.....	.....	.....	.....	101	92	93
1910	103	86	89	.....	.....	.....	.....	.....	.....	100	93	93
1911	102	87	90	.....	.....	.....	.....	.....	.....	100	95	95
1912	102	89	91	105	93	97	101	81	82	100	96	96
1913	101	92	94	105	94	98	101	82	83	100	98	98
1914	101	93	94	101	95	96	100	86	86	100	100	100
1915	101	93	94	101	96	97	100	89	89	100	100	100
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Book and job—Continued.											
	Compositors.			Electrotypers: Battery men and builders.			Electrotypers: Finishers and molders.			Linotype operators.		
1909	100	86	85	103	76	78	104	82	85	100	90	91
1910	100	99	88	101	81	82	101	84	85	100	92	93
1911	100	92	91	101	86	86	100	89	89	100	94	94
1912	100	94	93	101	88	88	100	90	90	100	96	96
1913	100	95	95	100	90	90	100	92	92	100	98	98
1914	100	97	97	100	95	95	100	95	96	100	99	99
1915	100	98	98	100	97	97	100	97	98	100	100	100
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Book and job—Continued.											
	Machine tenders.			Machinist operators.			Press feeders.			Pressmen, cylinder.		
1909	.....	.....	.....	.....	.....	.....	100	87	87	100	91	91
1910	.....	.....	.....	.....	.....	.....	100	88	89	100	92	92
1911	.....	.....	.....	.....	.....	.....	100	92	92	100	94	94
1912	100	97	96	.....	.....	.....	100	93	94	100	95	95
1913	100	98	98	99	99	98	100	96	96	100	96	96
1914	100	98	98	99	100	98	100	98	98	100	99	99
1915	100	99	99	99	100	98	100	99	99	100	99	99
1916	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Book and job—Continued.			Printing and publishing: Newspaper.								
	Pressmen, platen.			Compositors, daywork.			Compositors, nightwork.			Linotype operators, daywork.		
1909	100	90	90	101	89	90	101	92	93	101	90	92
1910	100	91	91	101	91	92	101	94	95	101	92	94
1911	100	93	93	101	93	94	101	95	96	101	94	95
1912	100	94	94	101	96	96	101	97	97	101	95	96
1913	100	96	96	100	98	98	100	98	99	101	97	98
1914	100	98	98	100	99	99	100	99	99	100	99	99
1915	100	98	98	100	100	100	100	100	100	100	100	100
1916	100	100	100	100	100	100	100	100	100	100	100	100

No. 174.—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, 1909 to 1916—Continued.

Year.	Printing and publishing: Newspaper—Continued.											
	[illegible]			Linotype operators, nightwork.			Linotype operators, nightwork (piecework).			Machine tenders, daywork.		
	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.
1909..	.....	.....	.....	101	93	94	.....	.....	.....	.....	.....	.....
1910..	.....	.....	.....	101	94	95	.....	.....	.....	.....	.....	.....
1911..	.....	.....	.....	101	95	96	.....	.....	.....	.....	.....	.....
1912..	100	[1] 101	.....	101	97	97	101	[1] 101	.....	100	97	98
1913..	100	[1] 100	.....	100	98	99	101	[1] 100	.....	100	99	99
1914..	100	[1] 100	.....	100	99	99	101	[1] 100	.....	100	99	99
1915..	100	[1] 100	.....	100	100	100	101	[1] 100	.....	100	100	100
1916..	100	[1] 100	.....	100	100	100	100	[1] 100	.....	100	100	100

Year.	Printing and publishing: Newspaper—Continued.											
	Machine tenders, nightwork.			Machinist operators, daywork.			Machinist operators, nightwork.			Pressmen, web presses, daywork.		
1909..	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	90	90
1910..	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	94	94
1911..	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	94	94
1912..	100	98	99	.....	.....	.....	.....	.....	.....	100	96	96
1913..	100	99	99	100	98	98	100	100	100	100	98	98
1914..	100	99	100	100	98	98	100	100	100	100	99	99
1915..	100	100	100	100	98	98	100	100	100	100	99	99
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Printing and publishing: Newspaper—Continued.									Soft-drink establishment employees.		
	Pressmen, web presses, nightwork.			Stereotypers, daywork.			Stereotypers, nightwork.			Bottlers.		
1909..	101	94	94	102	88	90	101	90	90	.....	.....	.....
1910..	100	95	95	101	90	91	100	91	91	.....	.....	.....
1911..	100	95	95	100	91	91	100	91	91	.....	.....	.....
1912..	100	96	96	100	92	92	100	92	93	.....	.....	.....
1913..	100	98	98	100	98	98	100	98	98	102	91	93
1914..	100	99	99	100	99	99	100	99	99	102	92	94
1915..	100	100	100	100	99	99	100	99	99	101	95	97
1916..	100	100	100	100	100	100	100	100	100	100	100	100

Year.	Soft-drink establishment employees—Continued.											
	Chauffeurs and drivers.			Miscellaneous occupations.								
1913..	100	97	98	101	87	88	.....	.....	.....	.....	.....	.....
1914..	100	98	98	101	92	92	.....	.....	.....	.....	.....	.....
1915..	100	99	99	100	95	95	.....	.....	.....	.....	.....	.....
1916..	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....

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

No. 175.—MINING AND METALLURGICAL INDUSTRIES: NUMBER OF MEN EMPLOYED, CALENDAR YEARS 1914 AND 1915.

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

Industry.	1914	1915	Industry.	1914	1915
Coal mines	763,185	734,008	Ore-dressing plants	15,128	18,564
Coke ovens	22,313	31,060	Quarries	87,936	100,740
Metal mines	158,115	152,118			
Smelting plants[1]	27,879	31,327	Total	1,074,556	1,067,817

[1] Excluding iron and steel furnaces.

INTERNAL COMMUNICATION AND TRANSPORTATION.

No. 176.—PUBLIC ROADS: MILEAGE OF ROADS AND NUMBER OF BRIDGES BUILT BY STATE OR STATE AID, MILEAGE OF ROADS MAINTAINED WITH STATE AID, 1915, AND MILEAGE OF ALL STATE AND STATE-AID ROADS BUILT, WITH MILEAGE OF PUBLIC RURAL ROADS, JAN. 1, 1916, BY STATES.

[Source: Circular No. 63 of the Division of Road Economics, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Work done in 1915 under State supervision.			Total all State and State-aid roads built to Jan. 1, 1916.	Mileage of rural public roads.		
	State and State-aid roads built in 1915.	Roads maintained with State aid, 1915.	Number of bridges built by State or State aid, 1915.		Total all surfaced roads in State (approximate).	Total all public rural roads in State.	Percentage of surfaced roads in State.
	Miles.	*Miles.*		*Miles.*	*Miles.*	*Miles.*	
Alabama	178		3	577	5,915	55,446	10.7
Arizona	55	165	5	302	350	12,075	2.9
Arkansas	[1] 154		12	154	1,200	50,743	2.3
California	527	[2] 1,000		1,651	13,000	61,038	21.3
Colorado	1,200	300	90	[3] 5,200	1,750	39,691	4.4
Connecticut	163	1,386		1,445	3,200	14,061	22.7
Delaware	10			154	300	3,674	8.0
Florida					*3,500*	*17,995*	*19.4*
Georgia					13,000	84,770	15.3
Idaho	[4] 193	100		293	950	23,109	4.1
Illinois	184	115	81	468	11,000	94,141	11.7
Indiana					27,000	63,370	42.6
Iowa					1,000	106,847	1.0
Kansas					1,250	111,536	1.1
Kentucky	800		174	800	13,000	57,916	22.1
Louisiana	115	64	[5] 81	592	2,250	24,562	9.1
Maine	246	956	9	1,569	3,000	25,528	11.7
Maryland	248	1,049	([6])	1,226	2,950	16,458	17.9
Massachusetts	200	1,025	32	1,859	8,800	18,681	46.6
Michigan	757	2,438	30	3,194	8,600	74,089	11.6
Minnesota	[7] 2,000	10,000	296	*6,242*	*5,500*	*93,500*	*5.9*
Mississippi					2,500	45,778	5.5
Missouri	([6])	9,000		([6])	8,000	96,124	8.3
Montana					775	39,204	2.0
Nebraska	3		5	3	500	80,338	.6
Nevada					75	15,000	.5
New Hampshire	152	1,154	1	1,176	1,800	14,020	12.8
New Jersey	58	2,432	8	1,988	4,600	14,817	31.0
New Mexico	350		15	707	450	11,873	3.8
New York	1,083	5,926	34	6,250	17,500	80,112	21.8
North Carolina					6,500	50,758	12.8
North Dakota					1,100	68,000	1.6
Ohio	359	905		928	30,920	86,453	35.8
Oklahoma					300	107,916	.3
Oregon	65		2	374	7,780	36,819	21.1
Pennsylvania	74	8,529	171	1,963	9,883	91,556	10.8
Rhode Island	10	325		325	1,246	2,121	58.8
South Carolina					3,500	42,220	8.3
South Dakota					850	96,306	.9
Tennessee					8,625	46,050	18.7
Texas					12,000	128,960	9.3
Utah	394	([6])	[8] 36		1,053	15,000	7.0
Vermont	200	4,000		1,831	3,478	15,082	23.1
Virginia	847		70	3,763	4,760	53,388	8.9
Washington	533	[2] 900		1,557	5,460	42,428	12.8
West Virginia					1,200	32,024	3.7
Wisconsin	[9] 1,279		[10] 673	*3,911*	*14,050*	*75,702*	*18.5*
Wyoming					500	14,381	3.5
Total and averages	12,437	51,769	1,828	50,402	276,920	2,451,660	11.3

[1] Only engineering and supervision furnished by State.
[2] [illegible]
[3] [illegible]
[4] [illegible]
[5] Also 405 culverts.
[6] No data.
[7] Of this, 361 miles surfaced; remainder [illegible]
[8] [illegible]
[9] [illegible]
[10] Includes culverts.

No. 177.—PUBLIC ROADS: Sources of Funds and Distribution of Expenditures Under Specified Heads, With Local Road and Bridge Expenditures not Under Highway Departments, 1915, and State Funds Available, 1916, by States.

[Source: Circular No. 63 of the Division of Road Economics, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Source of funds.			Distribution of expenditures.						State funds available 1916.	Local road and bridge expenditures, 1915, not under State highway department (approximate).
	State.	Local.	Total.	Construction of roads.	Construction of bridges.	Maintenance roads and bridges.	Engineering.	Administration.	Equipment and miscellaneous.		
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	126,134	172,613	298,747.38	259,360	22,660		7,788	8,938		144,000	3,984,450
Arizona [1]	476,178		476,178.33	290,947	87,012	24,984	31,446	18,051	23,738	450,000	600,000
Arkansas	25,000	[2] 478,000	503,000.00	478,000			10,000	15,000		60,000	2,300,000
California [3]	8,301,149		8,301,149.45	7,021,375	(3)	(3)	(3)	(3)	(3)	4,000,000	[4] 12,452,132
Colorado	203,000	370,000	573,000.00	553,900	(5)	9,000	[6] 3,600	6,500		650,000	1,620,000
Connecticut	2,084,944	150,000	2,234,943.96	1,243,064	1,825	803,989	132,726	23,112	30,228	1,750,000	1,250,000
Delaware	31,000	31,500	62,500.00	60,000			2,500	(7)		31,000	335,000
Florida	1,135		1,134.54					1,135		12,000	5,500,000
Georgia											3,700,000
Idaho	200,000	274,636	474,636.21	329,873	78,017	2,343	39,362	13,739	11,303	100,000	1,500,000
Illinois	818,638	945,357	1,763,994.87	1,582,594	28,120	11,884	75,997	(7)	65,400	1,000,000	7,500,000
Indiana											13,000,000
Iowa [8]	80,935		80,935.16				52,200	22,700	6,035	110,000	13,525,364
Kansas	10,000		10,000.00					10,000		10,000	5,500,000
Kentucky	573,715	548,715	1,122,430.00	929,965	121,083		46,382	25,000		750,000	2,000,000
Louisiana	144,821	424,889	569,709.17	363,091	157,066	13,253	15,469	20,830		150,000	3,000,000
Maine	1,009,345	409,556	1,418,901.62	1,101,699	46,160	170,468	56,387	38,546	5,641	1,050,000	1,875,000
Maryland [9]	3,330,000	300,000	3,630,000.00	3,106,000	(5)	379,000	120,000	25,000		2,000,000	2,000,000
Massachusetts	2,634,567	602,712	3,237,279.00	1,910,572	(5)	1,026,222	190,619	38,223	71,643	3,184,000	3,320,000
Michigan	975,000	2,349,738	3,324,738.00	3,069,125	89,303	104,908	30,586	27,239	3,577	975,000	6,850,000
Minnesota	1,580,000	2,462,000	4,042,000.00	2,684,500	592,000	500,000		200,000	65,500	1,500,000	4,250,000
Mississippi [10]										5,000	2,900,000
Missouri	369,189		369,189.20	211,119		140,828		17,242		350,000	8,000,000
Montana	18,346		18,346.30				3,100	10,859	4,387	20,000	3,657,972
Nebraska	120,000		120,000.00	[11] 32,500	87,500					90,000	3,400,000
Nevada											250,000

New Hampshire	666,339	447,084	1,113,413.54	569,367	36,184	449,906		23,240	34,707	600,000	1,250,000
New Jersey	1,163,308	4,000,275	5,163,583.55	721,436	63,288	[12] 4,113,763	207,507	([13])	57,590	1,800,000	2,000,000
New Mexico	152,122	47,788	199,919.37	152,279	29,899		10,645	5,008	2,088	500,000	385,000
New York	13.983,769	2,521,879	16,505,648.25	10,721,316	87,308	4,015.136	1,339.488	247,144	95,256	17,000,000	[14] 7,750,000
North Carolina	10,000		10,000.00				5,737	3,650	613	10.000	5,500,000
North Dakota		700	700.00				700				2,500,000
Ohio	3,442,604	3,442,604	6,885.207.18	5,733,269	207,285	804,753		139,900		2,000,000	6,090 480
Oklahoma [15]	10,000		10,000.00					10,000		200,000	3 400,000
Oregon	230,000	410,000	640,000.00	620,000	([5])		20,000	([13])		240,000	5.542,000
Pennsylvania	6,541,257	[16] 745,171	6,541,257.02	986,893	156,803	4,673,462	46,250	376,780	[17] 301,070	4,730,000	6,000,000
Rhode Island	204,119		204,118.66	32.938		141,748	28,004	([13])	1,429	500,000	390,000
South Carolina											1,000,000
South Dakota											1,450,000
Tennessee	3,500		3,500.00					3,500		125,000	3,500,000
Texas											9,500,000
Utah	121,000	342,100	463,100.00	257,500	67,400	39,900	36 400	([13])	61,900	150,000	750,000
Vermont	485,145	265,000	750,145.15	435,000	5,145	275,000	25,000	10,000		445,000	725,000
Virginia	526,645	1,718,754	2,245,398.75	1,891,302	189,140		90,545	15,408	59,004	630,000	1,773,000
Washington	1,435,020	1,235,683	2,670,702.50	2,258,337	([5])	273,729	101,021	37,615		1,500,000	4,000,000
West Virginia	9,212		9,211.84				2,558	6,654		10,000	2,750,000
Wisconsin	1,389,515	3,071,465	4,460,980.00	3,708,000	517,163		86,400	([13])	[18] 149,417	1,049,000	5,500,000
Wyoming	5,000		5,000.00						[19] 5,000		436,291
Total	53,491,651	27,768,219	80,514,699.00	53,315,321	[20] 2,670,361	[20] 17,974,276	[20] 2,818,417	[20] 1,401,022	[20] 1,055,526	49,880,000	186,461,689

[1] Data for fiscal year.
[2] Expenditure of special improvement districts under supervision of State highway department.
[3] No information obtainable as to distribution of $1,279,774 reported as expended for other work than construction.
[4] Does not include San Francisco County.
[5] Included under roads.
[6] Engineering on State-aid work paid by counties and included under construction.
[7] Included under engineering.
[8] Does not grant money aid but commission has supervisory powers over all road and bridge work in State.
[9] Data approximate.
[10] State highway department established March, 1916.
[11] Special appropriation for road adjoining State University farm.
[12] Includes extraordinary repairs and reconstruction made necessary by heavy trucking.
[13] Included under engineering.
[14] Includes $1,877,055 State aid to towns.
[15] One-fourth mill State road tax authorized 1915, but did not become available until 1916.
[16] Reimbursements to State treasury for State-aid roads.
[17] Includes about $106,000 for surveying and mapping State and county highways and also about $66,000 for purchase of toll roads.
[18] Non-State-aid work supervised by State highway commission.
[19] Appropriation for the equipment of convict labor force.
[20] Partial total.

No. 178.—PUBLIC ROADS: YEAR OF PASSAGE OF FIRSTS TATE-AID LAW, STATE FUNDS EXPENDED UNDER STATE HIGHWAY DEPARTMENTS, TOTAL CASH EXPENDITURES, 1904, 1913, AND 1915, AND TOTAL STATE FUNDS EXPENDED FOR ROAD WORK FROM PASSAGE OF LAW TO JAN. 1, 1916, BY STATES.

[Source: Circular No. 63 of the Division of Road Economics, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Year in which first State-aid law passed.	State funds expended by or under State highway department.			Total cash expenditures from all sources.			Total State funds expended for road work from passage of law to Jan. 1, 1916.
		1904	1913	1915	1904	1913	1915	
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	1911	.....	127,005	126,134	378,040	2,960,753	4,283,207	586,405
Arizona	1909	.....	274,631	476,178	67,591	675,000	1,076,178	1,039,388
Arkansas	1913	.....	25,000	25,000	681,934	1,611,000	2,803,000	165,000
California	1895	11,251	2,032,084	8,301,149	2,157,396	11,934,244	20,753,281	16,571,091
Colorado	1909	.....	473,246	203,000	635,395	1,943,000	2,193,000	1,024,751
Connecticut	1895	219,165	3,483,575	2,084,944	1,195,125	4,734,000	3,484,944	17,019,120
Delaware	1903	14,000	31,000	31,000	90,803	370,480	397,500	224,695
Florida	1915	.....	.....	1,135	437,184	2,500,000	5,501,135	1,135
Georgia	[1] 1908	.....	.....	.....	894,936	2,900,000	3,700,000	.....
Idaho	1905	.....	68,000	200,000	201,648	1,000,000	1,974,636	572,812
Illinois	1905	.....	100,000	818,638	3,844,424	6,600,000	9,263,995	1,686,627
Indiana	.....	.....	.....	.....	3,438,389	9,750,000	13,000,000	.....
Iowa	1904	.....	53,000	80,935	2,344,107	8,053,000	13,606,299	255,935
Kansas	1911	.....	9,500	10,000	692,823	5,164,860	5,510,000	30,000
Kentucky	1912	.....	15,000	573,715	1,161,194	1,948,000	3,122,430	616,715
Louisiana	1910	.....	111,000	144,821	345,452	2,258,000	3,569,709	606,327
Maine	1901	44,885	563,541	1,009,345	1,472,393	2,046,284	3,293,902	5,865,209
Maryland	1898	.....	1,589,253	3,330,000	873,471	3,089,253	5,630,000	17,583,142
Massachusetts	1892	575,606	2,266,068	2,634,567	2,871,222	5,566,068	6,557,279	18,999,992
Michigan	1905	.....	355,757	975,000	1,816,504	6,310,757	10,174,738	3,182,701
Minnesota	1905	.....	503,186	1,580,000	1,607,417	4,003,186	8,292,000	4,288,174
Mississippi	1915	.....	.....	.....	339,669	2,000,000	2,900,000	.....
Missouri	1907	.....	408,192	369,189	1,570,801	6,058,708	8,369,189	1,791,172
Montana	1913	.....	2,484	18,346	308,744	1,813,000	3,676,318	34,346
Nebraska	1911	.....	52,428	120,000	494,886	2,313,616	3,520,000	377,850
Nevada	1911	.....	.....	.....	46,876	174,177	250,000	20,000
New Hampshire	1903	44,000	475,449	666,339	872,606	1,475,449	2,363,414	3,259,789
New Jersey	1891	250,000	1,131,891	1,163,308	3,274,811	4,131,891	7,163,584	8,355,576
New Mexico	1909	.....	121,631	152,122	35,458	424,544	584,919	662,955
New York	1898	1,056,460	13,820,934	13,983,769	3,937,729	20,759,628	24,255,648	96,622,498
North Carolina	1901	.....	5,000	10,000	624,381	2,338,942	5,510,000	38,500
North Dakota	1909	.....	.....	.....	456,130	1,023,569	2,500,700	.....
Ohio	1904	.....	738,174	3,442,604	4,776,318	11,642,940	12,975,688	8,566,275
Oklahoma	1911	.....	5,000	10,000	447,320	3,379,180	3,410,000	30,323
Oregon	1913	.....	5,008	230,000	649,718	3,260,000	6,182,000	418,975
Pennsylvania	1903	127,767	4,606,232	6,541,257	4,887,266	10,471,000	12,541,257	30,801,211
Rhode Island	1902	79,397	715,664	204,119	376,812	997,440	594,119	3,907,784
South Carolina	.....	.....	.....	.....	334,082	1,000,000	1,000,000	.....
South Dakota	1911	.....	.....	.....	268,723	1,250,000	1,450,000	.....
Tennessee	1915	.....	.....	3,500	629,141	2,000,000	3,503,500	3,500
Texas	.....	.....	.....	.....	2,543,613	7,269,592	9,500,000	.....
Utah	1909	.....	97,000	121,000	158,286	597,000	1,213,100	809,732
Vermont	1898	127,381	505,000	485,145	567,397	1,181,039	1,475,145	3,671,564
Virginia	1906	.....	368,206	526,645	687,751	2,664,311	4,018,399	2,713,550
Washington	1905	.....	1,383,770	1,435,020	1,344,842	5,443,280	6,670,702	8,552,789
West Virginia	1909	.....	3,500	9,212	587,870	1,045,853	2,759,212	[2] 130,978
Wisconsin	1911	.....	903,000	1,389,515	1,924,026	7,000,000	9,960,980	4,219,001
Wyoming	1911	.....	8,763	5,000	74,476	374,149	441,291	43,237
Total	.....	2,549,912	37,438,172	53,491,651	59,427,180	187,524,193	266,976,399	265,350,824

[1] Provides for convict-labor aid only.
[2] Of this $118,000 was returned to the counties in 1911 by act of legislature.

No. 179.—MOTOR CARS: Registrations, Number of, and Total Gross Revenues, 1913, 1914, and 1915, by States.

[Source: Bulletin of the Division of Road Economics, Office of Public Roads and Rural Engineering, Department of Agriculture.]

	Motor-car registrations.[1]			Total gross revenues.		
	1913	1914	1915	1913	1914	1915
	Number.	*Number.*	*Number.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	5,300	8,672	11,634	83,000	113,202	180,744
Arizona	3,613	5,040	7,753	27,545	34,077	45,579
Arkansas	3,583	5,642	8,021	17,411	56,420	80,551
California	[2] 100,000	123,504	163,797	75,000	1,338,785	2,027,432
Colorado	13,000	17,756	28,894	60,833	80,047	120,801
Connecticut	23,200	27,786	41,121	316,667	406,623	536,970
Delaware	2,440	3,050	5,052	24,735	35,672	55,596
District of Columbia	4,000	4,833	8,009	13,228	20,147	29,396
Florida	[4] 3,000	[4] 3,368	[2] 10,850	[4] 6,000	[4] 6,736	[2] 60,000
Georgia	[2] 20,000	20,915	25,000	12,000	104,575	125,000
Idaho	2,113	3,346	7,071	35,160	58,580	121,259
Illinois	94,656	131,140	180,832	507,629	699,725	924,906
Indiana	45,000	66,500	96,915	150,345	432,309	587,318
Iowa	70,299	106,087	145,109	787,411	1,040,136	1,533,054
Kansas	34,550	49,374	72,520	186,066	268,471	387,588
Kentucky	7,210	11,766	19,500	52,000	85,883	117,117
Louisiana	[2] 10,000	[2] 12,000	11,380	[2] 10,000	[2] 12,000	75,600
Maine	11,022	15,700	21,545	138,509	192,542	268,412
Maryland	14,217	20,213	31,047	150,000	268,231	386,565
Massachusetts	62,660	77,246	102,633	764,154	923,961	1,235,724
Michigan	54,366	76,389	114,845	190,329	(3)	373,833
Minnesota	46,000	67,862	93,269	40,000	132,398	[2] 160,540
Mississippi	[2] 3,850	5,694	9,669	.....	51,146	76,700
Missouri	38,140	54,468	76,462	173,510	235,873	323,289
Montana	5,916	10,200	14,540	12,000	27,000	33,120
Nebraska	13,411	16,385	59,000	26,000	34,325	[2] 183,000
Nevada	1,091	1,487	2,009	3,323	4,331	7,875
New Hampshire	8,237	9,571	13,449	152,834	185,288	257,776
New Jersey	51,360	62,961	81,848	661,446	814,536	1,062,923
New Mexico	1,898	3,090	5,100	15,084	19,663	29,625
New York	134,495	168,223	255,242	1,275,727	1,529,852	1,991,181
North Carolina	10,000	14,677	21,000	60,000	89,580	123,000
North Dakota	15,187	17,347	24,908	41,961	55,964	79,245
Ohio	86,156	122,504	181,332	457,538	685,457	984,622
Oklahoma	[2] 3,000	13,500	25,032	3,000	13,500	154,892
Oregon	13,975	16,447	23,585	56,873	77,592	108,881
Pennsylvania	80,178	112,854	160,137	841,062	1,185,039	1,665,276
Rhode Island	10,295	12,331	16,362	129,851	157,020	206,440
South Carolina [2]	10,000	14,000	15,000	10,000	14,000	15,000
South Dakota	14,457	20,929	28,724	89,170	125,000	[2] 180,000
Tennessee	[2] 10,000	[5] 19,769	[6] 7,618	[2] 9,000	39,538	[2] 34,000
Texas [2]	32,000	40,000	40,000	16,000	20,000	20,000
Utah	4,000	2,253	9,177	3,000	4,852	[2] 60,000
Vermont	5,913	8,475	11,499	111,460	154,267	218,480
Virginia	9,022	13,984	21,357	83,611	120,814	176,875
Washington	24,178	30,253	38,823	48,356	60,506	238,717
West Virginia	5,144	6,159	13,279	40,000	60,648	128,952
Wisconsin	34,346	53,161	79,741	190,770	293,580	431,977
Wyoming	1,584	2,428	3,976	7,920	12,140	19,880
Total	1,258,062	1,711,339	2,445,664	8,192,253	12,381,951	18,245,711

[1] Does not include motor cycles nor dealers' and manufacturers' licenses.
[2] Estimated.

No. 180.—MOTOR VEHICLES: Registration and Licenses, Number of, Revenues Under Specified Heads, Fines and Penalties Turned Into State Road Funds, Total Registration and License Revenues, and Average Return per Registration, 1915, by States.

[Source: Circular No. 59 of the Division of Road Economics, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Automobiles.	Motor trucks and commercial vehicles.	Motor cycles.	Owners' and chauffeurs' licenses.	Manufacturers' and dealers' licenses.	Motor-vehicle fines and penalties turned into State road fund.	Total gross motor-vehicle registration and license revenues.	Motor-vehicle revenues available for road work.		Average gross revenue return per motor-car registration.
								By or under State highway department.	Under direction of local authorities.	
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	10,666	968	1,259	[1] 1,300	105		180,744.25			15.53
Arizona	7,318	435	772	482			45,579.00	45,579.00		5.88
Arkansas	7,956	65	(2)	341	200		80,551.00	40,105.00	40,105.00	10.04
California	163,795	(3)	26,401	20,848	1,087		2,027,431.75	932,492.79	932,492.78	12.38
Colorado	27,251	1,643	4,268	3,536	1,003	[1] 100.00	120,800.70	55,581.37	55,581.37	4.18
Connecticut	33,875	7,246	4,300	52,062	406	8,993.68	536,970.09	521,854.57		13.05
Delaware	5,052	(3)	510	5,263	270		55,596.00			11.00
District of Columbia [4]	[5] 8,009			6,937			29,396.00			3.67
Florida [6]	10,000	850	300				60,000.00	(7)	60,000.00	5.53
Georgia	[5] 25,000						125,000.00		[1] 110,000.00	5.00
Idaho	6,926	145	627	786	171	87.00	121,259.00	30,314.75	90,944.25	17.14
Illinois	180,832	(8)	15,710	22,995	1,498		924,905.74	924,905.74		5.11
Indiana	96,915	(3)	11,225	3,099	727		587,318.50		544,578.81	6.06
Iowa	145,109	(3)	7,440		2,587		1,533,053.82	122,644.31	1,303,095.75	10.56
Kansas	72,520	(3)	8,269		1,690		387,588.00		315,192.50	5.34
Kentucky	19,500	(3)	1,406	871			117,117.00	117,117.00		6.01
Louisiana	10,880	500	450		175		75,600.00		68,040.00	6.62
Maine	[9] 20,482	1,063	956	25,658	324		268,412.00	268,412.00		12.46
Maryland	27,858	3,189	4,750	19,333	1,341	9,739.44	386,565.13	351,485.02		12.45
Massachusetts	90,673	11,960	9,520	133,935	1,742	43,424.30	1,235,723.99	1,105,066.17		12.04
Michigan	114,845	(3)	8,051	6,506	566		373,833.10			3.25
Minnesota [10]	93,269	(3)	8,000	3,000	452		[1] 160,540.00			1.72
Mississippi	9,669	(3)	225				[1] 76,700.00		[1] 68,000.00	7.93
Missouri	[5] 76,462			9,380	1,158		323,289.30	323,289.30		4.23
Montana	14,020	520	850		220		33,120.00	31,120.00		2.27
Nebraska	59,000	(3)	3,000				[1] 183,000.00		[1] 161,000.00	3.10
Nevada	2,009	(3)					7,875.00		7,075.00	3.90

New Hampshire	[11] 12,501	948	1,555	17,387	267	2,073.00	257,776.00	236,118.67		17.28
New Jersey	78,232	[12] 3,616	11,616	100,126	708	27,420.85	1,062,922.96	[13] 1,039,867.99		12.98
New Mexico	4,980	120	387		107		29,624.89	23,031.39	1,683.60	5.89
New York	231,831	23,411	(2)	82,153	2,201	21,185.00	1,991,181.00	1,934,360.00		7.80
North Carolina	21,000	(3)	1,400		289		123,000.00		98,400.00	5.86
North Dakota	24,908	(3)	1,507				79,245.00		71,434.45	3.18
Ohio	181,332	(3)	22,145	14,216	1,450		984,622.38	894,416.32		5.43
Oklahoma	[14] 25,032	(3)	1,758		656		154,892.00	154,892.00		6.18
Oregon	23,585	(3)	3,158	4,131	173		108,881.50		87,230.08	4.61
Pennsylvania	[15] 152,024	8,113	17,112	36,584	4,841		1,665,276.50	1,665,276.50		10.39
Rhode Island	14,733	1,629	1,421	23,880	60	4,286.00	206,440.00	200,284.00		12.62
South Carolina [16]	[5] 15,000						15,000.00			(17)
South Dakota	28,724		1,862		608		[1] 180,000.00		[1] 157,000.00	6.27
Tennessee [18]	[19] 7,618		50		40		[1] 34,000.00	14,219.17		4.46
Texas [16]	[6] 40,000						20,000.00			(2)
Utah [21]	9,177	(3)	1,183	8,764	78		[1] 60,000.00	[22] 35,000.00		6.54
Vermont	11,141	358	523	14,344	108		218,479.85	216,695.58		18.10
Virginia	21,357	(3)	1,664	2,145	225		176,875.14	170,646.62		8.28
Washington	32,634	6,189	5,098		949	550.00	238,717.50		168,117.00	6.14
West Virginia	13,279	(3)	(2)	226			128,952.00			9.71
Wisconsin	79,741	(3)	8,601		1,582		431,977.00	100,684.00	302,055.00	5.42
Wyoming	3,976		(2)				19,880.00		15,904.00	5.00
Total	2,372,696	72,968	199,329	620,288	30,064	117,859.27	18,245,713.09	11,555,459.26	4,657,929.39	7.46

[1] Data approximate.
[2] Registration not required.
[3] Included under automobiles.
[4] Perennial registration.
[5] Includes all motor vehicles.
[6] County registrations, estimated from the returns from 28 counties for registration year ending Sept. 30, 1915. State registrations amounted to only 1,601.
[7] New law effective Oct. 1, 1915, provides 15 per cent of annual motor-vehicle revenue for maintenance of State road department.
[8] May be registered locally.
[9] Does not include the registration of 29 log haulers.
[10] Registration triennial.
[11] Does not include 1,466 nonresident registrations.
[12] Includes only trucks weighing over 4,000 pounds.
[13] Allotted to counties for road maintenance under certain conditions fixed by State department of public roads.
[14] Does not include the registration of 595 traction engines.
[15] Does not include the registration of 2,197 traction engines.
[16] Estimated; no State registration.
[17] Perennial registration by counties. Fee, $1.
[18] Annual registration after Jan. 1, 1916.
[19] Total motor vehicles registered during 1915.
[20] Perennial registrations by counties. Fee, $0.50.
[21] New law requiring annual registration became effective May 11, 1915.
[22] For first six months during which law was operative.

No. 181.—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 1916.

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Post offices.	Extent of post routes.	Revenue of the department.	Expended for transportation of—		Total expenditure of the department.
				Domestic mail.	Foreign mail.	
	Number.	*Miles.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1879	40,588	316,711	30,041,983	18,953,219	200,026	33,449,899
1880	42,989	343,888	33,315,479	20,857,802	199,809	36,542,804
1881	44,512	344,006	36,785,398	22,812,429	240,067	39,592,566
1882	46,231	343,618	41,876,410	22,460,473	280,501	40,482,021
1883	46,820	353,166	45,508,693	23,874,394	316,358	43,282,944
1884	48,434	359,530	43,325,959	25,014,478	332,221	47,224,560
1885	51,252	365,251	42,560,844	27,035,543	331,903	50,046,235
1886	53,614	368,660	43,948,423	27,614,540	391,856	51,004,744
1887	55,157	373,142	48,837,609	27,892,646	402,523	53,006,194
1888	57,376	403,977	52,695,177	29,347,959	547,395	56,468,315
1889	58,999	416,159	56,175,611	32,361,697	541,212	62,317,119
1890	62,401	427,990	60,882,098	34,116,243	563,631	66,259,548
1891	64,329	439,027	65,931,786	37,547,405	620,987	73,059,519
1892	67,119	447,591	70,930,476	39,082,919	774,016	76,980,846
1893	68,403	453,833	75,896,933	41,179,555	1,097,867	81,581,681
1894	69,805	454,746	75,080,479	45,375,359	1,239,363	84,994,112
1895	70,064	456,026	76,983,128	46,336,326	1,173,561	87,179,551
1896	70,360	463,313	82,499,208	47,993,067	1,530,864	90,932,670
1897	71,022	470,032	82,665,463	48,028,094	1,890,099	94,077,242
1898	73,570	480,461	89,012,619	50,444,291	1,760,091	98,033,524
1899	75,000	496,949	95,021,384	52,027,901	1,769,851	101,632,161
1900	76,688	500,990	102,354,579	54,135,930	2,100,266	107,740,268
1901	76,945	511,808	111,631,193	56,002,576	2,148,635	115,554,921
1902	75,924	507,540	121,848,047	58,589,968	2,410,473	124,785,697
1903	74,169	506,268	134,224,443	62,606,015	2,580,700	138,784,488
1904	71,131	496,818	143,582,624	67,027,776	2,697,077	152,362,117
1905	68,131	486,805	152,826,485	69,927,689	2,828,703	167,399,169
1906	65,600	478,711	167,932,782	72,944,352	2,895,756	178,449,779
1907	62,659	463,406	183,585,006	77,471,917	2,988,849	190,238,288
1908	61,158	450,738	191,478,663	78,174,988	2,982,732	208,351,886
1909	60,144	448,618	203,562,333	80,901,899	2,804,170	221,004,102
1910	59,580	447,998	224,128,637	81,709,433	3,164,254	229,977,224
1911	59,239	435,388	237,879,823	85,130,742	3,204,599	237,648,926
1912	58,729	436,469	246,744,015	86,302,922	3,195,883	248,525,450
1913	58,020	436,293	266,619,525	88,451,168	3,691,879	262,067,541
1914	56,810	435,597	287,934,565	98,802,715	3,565,323	283,543,769
1915	56,380	433,334	287,248,165	104,972,630	3,074,875	298,546,026
1916	55,934	444,279	312,057,689	107,418,663	3,285,530	306,204,033

No. 182.—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 1916.

[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	21,639,613	.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	267,117,737	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	264,378	233,618	498,878,805	58,133,311	.1165	19,599	28,446,825
1916	.....	234,175	502,937,359	61,244,668	.1292	19,318	[3]28,804,947

[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. 183.—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] [illegible]
[2] [illegible] railway companies.
[3] [illegible] able operated by the Western Union Telegraph Co.
Exc[illegible] and operated by railway companies for their own business.
[illegible] wireless company in 1912
[illegible] Co.
[illegible] cluded in expenses in 1907.
[illegible] companies).
[illegible] on determination of leases and real estate mortgages.
[12] Number employed Sept. 16, 1912.

No. 184.—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. 185.—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. 186.—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
Interest and taxes	$1,190,308	$1,214,554	2.0
All other expenses	$247,379	$293,755	18.7
Balance sheet:			
Assets, total	$95,624,892	$107,583,155	12.5
Construction and equipment	$77,438,339	$78,136,115	0.9
Stocks and bonds of other companies, treasury stock, and "other permanent investments"	$12,971,564	$16,811,087	29.6
Cash and current assets, including supplies [3]	$5,214,989	$12,635,953	142.3
Liabilities, total	$95,624,892	$107,583,155	12.5
Capital stock	$52,800,000	$55,489,400	5.1
Funded debt	$28,000,000	$28,000,000	.....
Reserves	$6,381,105	$15,549,451	143.7
Accounts payable	[4] $2,495,241	$1,459,797	−41.5
Dividends due and sundries	[5] $2,452,351	$587,229	139.5
Surplus	$3,496,195	$6,497,278	85.5
Capitalization:			
Capital stock outstanding, par value	$52,800,000	$55,489,400	5.1
Dividends on stock	$2,533,041	$3,040,200	20.0
Funded debt	$28,000,000	$28,000,000	.....
Employees and salaries and wages:			
Average number	1,207	[6] 1,656	37.2
Salaries and wages	$915,083	$1,167,014	27.5

[1] A minus sign (—) denotes decrease.
[2] Does not include returns for Western Union Telegraph Co., as no segregation could be made of financial statistics or employees for the cable business of this [illegible] T[illegible] ocean cable owned and leased by this company was, in 1912, [illegible] number of ocean messages reported by this company for 1912 [illegible] 3,500,000.
[3] Includes sinking and other special funds and sundries for 1912 and sundries only for 1907.
[4] Includes floating debt.
[5] Includes interest due and accrued.
[6] Number employed Sept. 16, 1912.

No. 187.—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
[illegible]	91,655,287	103,794,076	109,377,698	13.2	5.4	19.3
[illegible]	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 main- [illegible] penses	$24,455,511	$34,057,298	[5] $46,780,041	39.3	37.4	91.3
Interest and taxes	$2,539,008	$3,436,690	$3,955,381	35.4	15.1	55.8
All other expenses	$3,953,515	$4,385,625	$7,643,530	10.9	74.3	93.3
Balance sheet:						
Assets, total	$195,503,775	$261,807,899	$298,288,906	33.9	13.9	52.6
Construction and equipment	$161,679,579	$210,045,959	$222,046,746	29.9	5.7	37.3
Stocks and bonds of other companies	$25,939,944	[6] $36,486,446	[6] $33,933,679	40.7	− 7.0	30.8
Cash and current assets, including supplies and sundries	$7,884,252	$15,275,494	[7] $42,308,481	93.7	177.0	436.6
Liabilities, total	$195,503,775	$261,807,899	$298,288,906	33.9	13.9	52.6
Capital stock	$117,053,525	$155,089,575	[8] $163,645,810	32.5	5.5	39.8
Funded debt	$45,893,000	$65,204,000	$62,741,000	42.1	− 3.8	36.7
Reserves	$7,859,648	$8,257,963	$20,803,780	5.1	151.9	164.7
Accounts payable[9]	$6,244,585	$10,411,379	$19,755,480	66.7	89.7	216.4
Dividends, interest, and taxes due and accrued, and sundries	$373,976	$2,519,043	[10] $15,492,888	573.6	515.0	4,042.7
Net surplus	$18,079,041	$20,325,939	$15,849,948	12.4	−22.0	−12.3
Capitalization:						
Capital stock outstanding, par value	$117,053,525	$155,089,575	$163,645,810	32.5	5.5	39.8
Dividends on stock	$6,256,693	$7,477,083	$6,180,061	19.5	−17.3	− 1.2
Funded debt outstanding, par value	$45,893,000	$65,204,000	$62,741,000	42.1	− 3.8	36.7
Employees and salaries and wages:						
[illegible]	27,627	28,034	[11] 37,295	1.5	33.0	35.0
[illegible]	$15,039,673	$17,808,249	$24,964,994	18.4	40.2	66.0

[1] A minus sign (−) denotes decrease.
[2] Commercial Cable Co. of Cuba (not reporting in 1902) counted as a separate company in both 1907 and 1912.
[3] Exclusive of pole line wholly owned and wholly operated by railway companies.
[4] Exclusive of wire wholly owned and wholly operated by railway companies; this in 1912 was 314,329 mile[illegible] outside of the United States by Western Union Telegraph Co.
[5] [illegible]
[6] [illegible] anent investments."
[7] [illegible] ad discount.
[8] [illegible]
[9] [illegible] t [illegible]
[10] [illegible] —not reported at previous censuses—and real estate mortgages.
[11] Number employed Sept. 16, 1912.

No. 188.—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. 189.—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
[illegible] expenses	1,289,856	2,841,204	120.3
Ren[illegible]	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. 190.—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 [illegible]
[6] Number employed Sept. 16, 1912. Includes, in [illegible] who, in addition to wages, receive board and quarters.

No. 191.—WESTERN UNION TELEGRAPH CO.: Mileage of Lines and Wires, Number of Offices, and Traffic, 1869 to 1915.

[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.*
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....	73,532	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] 38.8	[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	.....	.....
1915[4]...	238,940	1,610,709	25,142	.....	52,475,721	40,972,541	11,503,180	.....	.....

[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. 192.—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	$397,885,433	$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. 193.—AMERICAN TELEPHONE & TELEGRAPH CO. AND OPERATING COMPANIES ASSOCIATED WITH IT: STATISTICS, JAN. 1, 1911 TO 1916.

[Source: The American Telephone & Telegraph Co.]

	1911	1912	1913	1914	1915	1916
OPERATING COMPANIES.						
Central offices	4,933	5,014	5,182	5,245	5,289	5,390
Miles of exchange-service wire:						
Aerial	4,047,367	4,441,419	5,058,873	5,491,889	5,866,063	6,104,703
Underground	5,621,811	6,420,261	7,352,154	8,273,892	9,158,348	9,928,965
Submarine	9,040	10,421	10,623	11,689	13,486	18,394
Total	9,678,218	10,872,101	12,421,650	13,777,470	15,037,897	16,052,062
Total circuits	2,082,960	2,306,360	2,576,789	2,812,944	2,972,901	3,174,271
Total employees	120,311	128,439	140,789	156,928	142,527	156,294
Total stations	4,030,668	4,474,171	4,953,447	5,415,209	5,763,008	6,155,900
Miles of wire operated	11,642,212	12,932,615	14,610,813	16,111,011	17,475,594	18,505,545
Number of daily exchange connections	21,681,471	23,483,770	25,572,345	26,431,024	27,049,225	25,183,799
Average number daily calls per station	5.7	5.5	5.4	5.1	4.8	4.2
AMERICAN TELEPHONE & TELEGRAPH CO.						
Dividends paid stockholders ....dollars	20,776,822	22,169,450	26,015,588	27,454,037	27,572,675	29,100,591
Capital....do	263,335,600	318,427,500	334,805,700	344,616,300	344,681,900	380,477,100
Gross earnings....do	35,358,329	36,970,230	42,717,993	45,909,992	46,196,599	46,809,354
Net earnings[1]....do	26,855,893	27,733,265	32,062,945	32,920,090	32,334,814	34,618,638

[1] After deducting interest.

No. 194.—ELECTRIC RAILWAYS, 1916:[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	15	365	437	34	.....	.....	2	210	.....
Arizona	4	52	45	1	.....	.....	.....	1	.....
Arkansas	11	134	237	.....	.....	.....	.....	54	.....
California	42	3,232	3,674	81	69	12	338	1,746	109
Colorado	13	459	414	157	.....	.....	.....	259	2
Connecticut	12	1,592	2,160	44	100	.....	.....	67	.....
[illegible]	2	153	309	.....	.....	.....	.....	80	.....
[illegible]	7	412	1,078	.....	.....	.....	.....	433	.....
Florida	9	193	248	.....	.....	.....	.....	59	.....
Georgia	17	485	691	5	.....	.....	.....	88	2
Idaho	6	180	68	.....	.....	.....	.....	19	.....
Illinois	72	3,760	5,922	697	51	.....	962	627	.....
Indiana	44	2,304	1,923	.....	1	7	3	256	.....
Iowa	27	868	965	13	19	.....	.....	365	.....
Kansas	20	527	391	3	.....	.....	12	112	3
Kentucky	9	462	992	26	.....	.....	21	58	.....
Louisiana	10	328	680	.....	.....	.....	.....	140	.....
Maine	16	580	589	.....	3	3	56	149	6
[illegible]	11	675	2,155	.....	10	.....	3	218	.....
[illegible]	43	3,245	7,922	236	3	23	37	1,144	.....
Michigan	25	1,676	2,272	8	20	102	13	473	.....
Minnesota	14	715	1,250	8	8	.....	.....	287	.....
Mississippi	11	123	159	2	.....	.....	.....	27	.....
Missouri	22	1,113	2,514	6	.....	.....	.....	459	.....
Montana	9	647	110	20	35	.....	.....	19	.....
Nebraska	6	254	538	10	1	.....	.....	65	.....
Nevada	2	10	12	.....	.....	.....	.....	.....	.....
New Hampshire	13	210	266	.....	1	.....	2	29	2
New Jersey	29	1,538	2,810	2	2	13	.....	53	.....
New Mexico	2	9	11	.....	.....	.....	.....	.....	.....
New York	110	5,477	16,559	1,124	138	11	35	2,161	203
North Carolina	13	289	301	.....	6	.....	2	217	.....
North Dakota	6	38	77	.....	.....	.....	.....	14	.....
Ohio	80	4,300	5,512	76	11	6	28	1,309	2
Oklahoma	15	301	242	7	.....	.....	.....	100	.....
Oregon	10	733	799	47	19	3	146	548	.....
Pennsylvania	128	4,477	8,575	16	2	6	78	602	1
Rhode Island	3	438	1,051	47	.....	.....	.....	259	.....
South Carolina	7	113	156	6	.....	.....	2	19	.....
South Dakota	3	26	28	2	.....	.....	.....	5	.....
Tennessee	14	461	835	.....	1	.....	3	147	.....
Texas	40	977	1,188	78	.....	14	3	186	.....
Utah	5	425	275	6	.....	1	2	262	.....
Vermont	10	125	142	.....	.....	.....	3	17	.....
Virginia	17	602	921	25	.....	.....	.....	179	.....
Washington	13	1,056	1,027	24	27	819	29	110	45
West Virginia	25	633	641	.....	12	.....	3	43	.....
Wisconsin	21	768	875	142	.....	.....	3	60	.....
Wyoming	2	22	12	7	.....	.....	.....	3	.....
Total, 1916	1,045	47,562	80,058	2,960	539	1,020	1,786	13,738	375
Geographic divisions.[2]									
New England States	97	6,190	12,130	327	107	26	98	1,665	8
Eastern States	329	13,967	33,048	1,167	164	30	119	3,769	204
Central States	314	15,966	22,225	976	110	115	1,030	3,894	2
Southern States	107	2,491	3,744	47	7	.....	9	961	2
Western States	198	8,948	8,911	443	151	849	530	3,449	159

[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 electrified steam railroads, mileage is included in all cases; but under cars only electric locomotives and electric motor cars are given. Gasoline-motor passenger cars are included under motor passenger cars, but in most cases the miles of track over which they operate have been omitted from the mileage column.

[illegible] and, Connecticut.

[illegible] lifornia, Arizona,

No. 195.—RAILROADS: MILES OF LINE[1] IN SPECIFIED YEARS, 1860 TO 1915, AND PER 100 SQUARE MILES AND PER 10,000 INHABITANTS IN 1915, 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, 1914, and 1915, statistical reports of the Interstate Commerce Commission, the data representing mileage owned.]

State.	Mileage.								Miles of line, 1915, per—	
	1860	1870	1880	1890	1900	1910[2]	1914[2]	1915[2]	100 sq. m. of territory.	10,000 inhabitants.
Ala	743	1,157	1,843	3,313.87	4,225.84	5,226.16	5,406.07	5,424.19	10.58	23.65
Ark	38	256	859	2,195.81	3,359.86	5,305.51	5,335.35	5,407.05	10.29	31.69
Cal	23	925	2,195	4,356.11	5,751.04	7,771.89	8,368.42	8,450.87	5.43	29.92
Colo	.....	157	1,570	4,176.19	4,587.25	5,532.56	5,739.27	5,723.70	5.52	61.64
Conn	601	742	923	1,007.29	1,023.62	1,000.14	999.09	999.04	20.73	8.20
Del	127	197	275	322.69	346.72	334.81	334.79	334.79	17.04	15.86
Fla	402	446	518	2,470.89	3,299.06	4,431.54	5,119.70	5,251.54	9.57	60.74
Ga	1,420	1,845	2,459	4,532.37	5,651.72	7,056.49	7,432.68	7,427.31	12.65	26.47
Idaho	.....	.....	206	941.44	1,261.23	2,178.03	2,748.56	2,791.59	3.35	68.42
Ill	2,790	4,823	7,851	10,213.97	11,002.93	11,878.34	12,139.71	12,157.32	21.69	20.10
Ind	2,163	3,177	4,373	5,971.03	6,470.61	7,420.14	7,476.40	7,479.31	20.75	26.78
Iowa	655	2,683	5,400	8,355.97	9,185.18	9,754.68	9,994.05	9,977.69	17.95	44.91
Kans	.....	1,501	3,400	8,806.45	8,719.36	9,006.88	9,256.59	9,260.95	11.33	51.41
Ky	534	1,017	1,530	2,746.25	3,059.99	3,526.21	3,780.33	3,802.32	9.46	16.10
La	335	450	652	1,758.94	2,824.08	5,553.74	5,720.12	5,728.95	12.62	31.93
Me	472	786	1,005	1,338.13	1,915.24	2,248.06	2,270.01	2,275.57	7.61	29.69
Md	386	671	1,040	1,231.34	1,376.16	1,426.45	1,429.52	1,433.97	14.42	10.63
Mass	1,264	1,480	1,915	2,093.73	2,118.58	2,115.21	2,130.37	2,131.01	26.51	5.84
Mich	779	1,638	3,938	7,242.67	8,195.18	9,021.13	8,933.85	8,861.90	15.42	29.49
Minn	.....	1,092	3,151	5,466.37	6,942.57	8,668.60	9,039.85	9,059.61	11.20	40.48
Miss	862	990	1,127	2,332.03	2,919.90	4,506.16	4,441.13	4,470.22	9.64	23.28
Mo	817	2,000	3,965	6,004.10	6,875.04	8,082.74	8,224.19	8,274.97	12.04	24.43
Mont	.....	.....	106	2,181.04	3,010.32	4,207.42	4,846.73	4,843.59	3.31	109.47
Nebr	.....	705	1,953	5,295.35	5,684.85	6,067.15	6,170.94	6,171.10	8.03	49.15
Nev	.....	593	739	924.87	909.35	2,276.66	2,418.36	2,331.87	2.12	228.89
N. H	661	736	1,015	1,145.03	1,239.20	1,245.93	1,255.85	1,255.85	13.91	28.53
N. J	560	1,125	1,684	2,046.76	2,256.69	2,260.49	2,312.50	2,314.67	30.80	8.08
N. Y	2,682	3,928	5,957	7,660.71	8,121.03	8,429.77	8,530.14	8,534.15	17.91	8.50
N. C	937	1,178	1,486	3,000.88	3,831.16	4,932.41	5,418.65	5,565.47	11.42	23.55
N. Dak	.....	[3] 65	[3] 1,225	1,940.64	2,731.22	4,201.07	5,160.42	5,225.67	7.45	74.03
Ohio	2,946	3,538	5,792	7,911.51	8,807.27	9,134.46	9,147.77	9,158.61	22.48	18.06
Okla	.....	.....	(4)	167.96	827.88	5,980.22	6,397.93	6,405.22	9.23	30.63
Oreg	.....	159	508	1,427.95	1,723.80	2,284.69	2,912.20	3,114.90	3.26	38.82
Pa	2,598	4,656	6,191	8,453.20	10,330.50	11,290.17	11,634.05	11,692.57	26.08	14.01
R. I	108	136	210	212.52	211.79	212.14	205.66	202.96	19.02	3.39
S. C	973	1,139	1,427	2,193.60	2,817.93	3,441.74	3,686.50	3,680.88	12.10	23.01
S. Dak	(6)	(6)	(6)	2,485.89	2,849.83	3,947.65	4,238.38	4,278.38	5.57	63.37
Tenn	1,253	1,492	1,843	2,751.87	3,136.95	3,815.97	4,105.55	4,101.33	9.84	18.09
Tex	307	711	3,244	8,613.42	9,886.49	14,281.81	15,758.01	15,831.41	6.03	36.63
Utah	.....	257	842	1,090.14	1,547.42	1,985.94	2,098.16	2,111.42	2.57	50.11
Vt	554	614	914	921.49	1,012.11	1,100.48	1,073.16	1,073.38	11.76	29.62
Va	1,379	1,486	1,893	3,160.40	3,779.15	4,534.94	4,611.33	4,729.09	11.75	21.84
Wash	.....	.....	289	1,783.37	2,913.57	4,875.21	5,246.89	5,559.91	8.32	38.24
W. Va	352	387	691	1,327.93	2,228.05	3,600.99	3,915.18	3,909.71	16.27	28.91
Wis	905	1,525	3,155	5,583.59	6,530.52	7,475.21	7,611.32	7,638.29	13.82	30.97
Wyo	.....	459	512	941.88	1,228.63	1,644.89	1,820.59	1,891.13	1.94	109.72
Alaska[6]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ariz	.....	.....	349	1,096.64	1,511.89	2,097.31	2,273.13	2,359.70	2.07	96.25
D. C	(7)	(7)	(7)	30.24	31.75	35.97	36.23	36.23	60.38	1.01
Hawaii[6]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ind. T	.....	.....	289	1,046.20	1,322.75	.....	.....	.....	.....	.....
N. Mex	.....	.....	758	1,324.33	1,752.52	3,032.08	3,024.84	3,038.28	2.48	77.17
Total[8]	30,626	52,922	93,267	163,597.05	193,345.78	240,438.84	252,230.52	253,788.64	[9] 8.53	[10] 25.39

1 [illegible] ckage, see Table 197.
2 [illegible] f switching and terminal companies not segregated for years previous to 1908.
3 [illegible]
[illegible] (21.80 miles); for 1910, Alaska (389.79 miles, unofficial) [illegible] miles, unofficial) and Hawaii (245.03 miles); for 1915, [illegible] 3 miles).
[illegible] "land surface" only and [illegible] Hawaii.
[illegible] ich [illegible] in 1910, [illegible] pers[illegible] stationed
91 [illegible]
abroad), an estimated annual increase of 1,600,000 for [illegible]

No. 196.—RAILROADS: Operated Mileage and Annual Increase of Mileage, 1835 to 1915.[1]

[Sources: Calendar years 1835 to 1889, Poor's Manual of Railroads; years ending June 30, 1890 to 1915, statistical reports of the Inters[illegible] No mileage included for Alaska or Hawaii. The term "mileage" [illegible]

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.
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
1861	31,286	660	1888	156,114	6,900	1915[3]	264,378	831

[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. 197.—RAILROADS: Length of Single, Second, Third, and Fourth Tracks, and Yard Track and Sidings, and Total Mileage Operated, 1893 to 1915.[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.*
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	733.12	43,181.32	233,275.90
1896	181,982.64	10,685.16	990.45	764.15	44,717.73	239,140.13
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	212,243.20	15,824.04	1,467.14	1,046.50	66,492.46	297,073.34
1905	216,973.61	17,056.30	1,609.63	1,215.53	69,941.67	306,796.74
1906	222,340.30	17,936.25	1,766.07	1,279.66	73,760.91	317,083.19
1907	227,454.83	19,420.82	1,960.42	1,389.73	77,749.46	327,975.26
1908[2]	230,494.02	20,209.05	2,081.16	1,408.99	79,452.64	333,645.86
1909[2]	235,402.09	20,949.41	2,169.55	1,453.56	82,376.63	342,351.24
1910[2]	240,830.75	21,658.74	2,206.39	1,488.78	85,581.93	351,766.59
1911[2]	246,238.02	23,451.26	2,414.16	1,747.10	88,973.95	362,824.49
1912[2]	249,852.06	24,951.65	2,511.76	1,903.32	92,019.13	371,237.92
1913[2]	253,470.20	26,273.79	2,588.68	1,964.06	95,211.41	379,508.14
1914[2]	256,547.10	27,608.66	2,696.03	2,071.45	98,285.07	387,208.31
1915[2]	257,569.32	28,644.67	2,714.30	2,303.06	99,910.16	391,141.51

[1] [illegible] operating returns. (See Tables 205 and 206.)
[2] [illegible] and terminal companies not segregated for years previous to 1908.

No. 198.—RAILROAD LOCOMOTIVES: NUMBER AND AVERAGE TRACTIVE POWER, GRATE AND HEATING SURFACE, AND WEIGHT OF EACH TYPE, 1905 TO 1915.[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
	[illegible]	870	31,056	38	2,569	83	69
1906	[illegible]	48,300	24,307	31	1,862	66	54
	4-cylinder compound	1,767	33,168	47	3,070	98	75
	[illegible]	887	31,561	38	2,596	84	70
	[illegible]	51,891	25,439	[2] 33	1,952	68	56
1907	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
	2-cylinder compound	796	32,310	[2] 40	2,625	86	73
1912[3]	Single expansion	58,842	28,482	[2] 37	2,231	77	63
	4-cylinder compound	1,951	44,890	[2] 53	3,867	127	100
	2-cylinder compound	751	32,371	[2] 40	2,623	85	72
1913[4]	Single expansion	60,131	29,595	[2] 39	2,335	80	65
	4-cylinder compound	2,090	48,628	[2] 55	4,151	136	107
	2-cylinder compound	707	32,339	[2] 40	2,603	86	72
1914[4]	Single expansion	61,518	30,346	[2] 39	2,401	82	67
	4-cylinder compound	2,108	49,974	[2] 56	4,215	139	110
	[illegible]	659	31,931	[2] 40	2,583	86	73
	[illegible]	49,049	32,797	.....	.....	.....	71
1915[4]	Drivers more than 69"	6,440	27,788	.....	.....	.....	65
	Switching	8,361	27,098	.....	.....	.....	64

[1] [illegible] s.
[2] [illegible]
[3] [illegible] nd terminal companies.
[4] [illegible] small roads (having operating revenues below $100,000 for the year) and in the service of switching and terminal companies.

No. 199.—RAILROAD CARS: NUMBER IN SERVICE ON JUNE 30, 1900 TO 1915, BY CLASSES OF SERVICE.

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

Year.	Service.				Fast freight line service.
	Passenger.	Freight.	Company.	Total.	
1900	34,713	1,365,531	50,594	1,450,838	42,771
1901	35,969	1,464,328	50,536	1,550,833	41,942
1902	36,987	1,546,101	57,097	1,640,185	43,142
1903	38,140	1,653,782	61,467	1,753,389	34,579
1904	39,752	1,692,194	66,615	1,798,561	37,937
1905	40,713	1,731,409	70,749	1,842,871	33,857
1906	42,262	1,837,914	78,736	1,958,912	32,168
1907	43,973	1,991,557	91,064	2,126,594	32,092
1908[1]	45,117	2,089,302	96,762	2,231,181	30,967
1909[1]	45,584	2,073,606	99,090	2,218,280	29,856
1910[1]	47,095	2,135,121	108,115	2,290,331	29,209
1911[1]	49,818	2,195,511	114,006	2,359,335	28,338
1912[1]	51,490	2,215,549	115,635	2,382,674	27,876
1913[2]	51,700	2,273,564	120,244	2,445,508	28,525
1914[2]	53,466	2,325,647	124,709	2,503,822	29,149
1915[2]	55,705	2,356,338	95,934	2,507,977	20,914

[1] [illegible]
[2] [illegible] r $100,000 for the year) and returns for switching and terminal companies.

No. 200.—RAILROAD FREIGHT CARS: NUMBER AND AVERAGE CAPACITY OF EACH CLASS, ON JUNE 30, 1908 TO 1915.[1]

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

Class of car.	1908[2]		1909[2]		1910[2]		1911[2]		1912[2]		1913[3]		1914[3]		1915	
	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	949,223	32	941,533	32	966,577	33	990,313	34	1,004,005	34	1,032,585	34	1,043,796	35	1,041,692	35.5
Flat	158,759	32	154,630	32	153,918	33	153,300	33	150,840	34	147,541	35	146,133	36	146,336	36.0
Stock	76,218	29	73,494	29	77,584	30	77,590	30	76,535	31	78,308	31	82,971	31	86,326	32.0
Coal	797,571	39	792,291	40	818,689	41	853,699	42	855,111	43	871,339	44	899,314	45	910,637	45.9
Tank	6,697	38	6,630	38	7,434	39	7,787	39	7,836	40	8,216	40	8,530	40	10,164	39.0
Refrigerator	27,929	30	28,204	30	30,918	30	31,786	30	30,693	31	43,389	31	48,886	32	52,446	32.1
Other	68,770	36	74,556	36	78,411	37	80,856	39	90,219	40	91,911	41	96,017	42	93,955	42.2
Total	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	2,341.556	39.7

[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. 201.—TRAFFIC ON RAILROADS: Analysis of Statistics of Passenger and Freight Services, Years Ended June 30, 1890, 1895, 1900, 1905, and 1910 to 1915.

[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	1910[1]	1911[1]	1912[1]	1913[2]	1914[2]	1915[2]
Number of passengers reported as carried	492,430,865	507,421,362	576,831,251	738,834,667	971,683,199	997,409,882	1,004,081,346	1,033,679,680	1,053,138,718	976,303,602
Passengers carried 1 mile	11,847,785,617	12,188,446,271	16,038,076,200	23,800,149,436	32,338,496,329	33,201,694,699	33,132,354,783	34,575,872,980	35,258,497,509	32,384,247,563
Passengers carried 1 mile per mile of line	75,751	68,572	83,290	109,949	138,169	139,191	136,699	143,067	144,278	131,165
Tons carried:										
Number of tons reported as carried	631,740,636	686,614,778	1,081,983,301	1,427,731,905	1,849,900,101	1,781,638,043	1,844,977,673	2,058,035,487	1,976,138,155	1,802,018,177
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers[3]	.....	.....	583,351,351	784,920,188	1,026,491,782	1,003,053,893	1,031,206,606	1,160,862,756	1,109,271,040	1,005,028,743
Tons carried 1 mile	77,207,047,298	85,227,515,891	141,596,551,161	186,463,109,510	255,016,910,451	253,783,701,839	264,080,745,058	301,398,752,108	288,319,890,210	276,830,302,723
Tons carried 1 mile per mile of line	493,638	479,490	735,352	861,396	1,071,086	1,053,566	1,078,580	1,245,158	1,176,923	1,121,059
Mileage of revenue passenger trains	[4] 285,575,804	[4] 317,565,615	363,469,596	459,827,029	549,015,003	572,929,421	585,853,528	593,061,212	602,388,660	577,633,888
Average number of passengers in train[5]	41	38	41	48	56	55	53	55	56	53
Average journey per passenger, miles	24.06	24.02	27.80	32.21	33.50	33.48	33.18	33.58	33.61	33.18
Mileage of revenue freight trains	[6] 435,170,812	[6] 449,291,238	492,543,526	546,424,405	635,450,681	626,496,025	612,345,112	643,841,292	605,923,249	550,395,585
Average number of tons in train[5]	177.42	189.69	270.86	322.26	380.38	383.10	406.76	445.43	451.80	474.45
Average haul per ton:										
Typical haul of the average railway, miles	122.21	124.13	130.87	130.60	138.31	142.88	143.44	146.59	146.04	153.79
Typical haul of all the railways regarded as a system, miles	.....	.....	242.73	237.56	249.68	254.10	256.87	259.99	260.19	275.80
Mileage of revenue mixed trains	.....	.....	30,691,508	32,189,996	35,807,207	36,461,466	37,127,992	32,907,378	32,565,313	33,629,942
Total revenue train mileage	.....	.....	886,704,630	1,038,441,430	[7] 1,221,852,647	[7] 1,237,500,138	[8] 1,236,758,715	[8] 1,271,220,178	[8] 1,242,080,241	[8] 1,163,040,998
Total mileage of freight cars	.....	.....	12,476,705,508	15,082,070,763	18,981,573,779	19,315,156,130	19,466,402,067	21,034,670,482	20,796,894,831	20,070,814,328

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

No. 202.—FINANCES OF RAILROADS: ANALYSIS OF STATISTICS OF RECEIPTS FROM PASSENGER AND FREIGHT SERVICES, 1894 TO 1915.

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

Year ended June 30—	Passenger service.				Freight service.				All trains.	
	Revenue per passenger per mile.	Revenue per passenger carried.	Revenue per train-mile, passenger trains.[1]	Passenger earnings per mile of road.[2]	Revenue per ton per mile.	Revenue per ton of freight carried.	Revenue per train-mile, freight trains.[1]	Freight earnings per mile of road.[2]	Revenues per train-mile.	Operating expenses per train-mile.
	Cents.	*Dollars.*	*Dollars.*	*Dollars.*	*Cent.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1894	1.986	0.52851	1.04897	1,961.58	0.860	1.11938	1.55744	4,001.55	1.36958	0.93478
1895	2.040	.49486	.97870	1,764.39	.839	1.07463	1.61190	4,130.24	1.37723	.93029
1896	2.019	.52078	.98591	1,816.18	.806	1.05101	1.63337	4,343.83	1.39567	.93838
1897	2.022	.51163	.93917	1,726.40	.798	1.06712	1.65358	4,239.64	1.38194	.92918
1898	1.973	.53237	.97419	1,812.69	.753	1.02801	1.73112	4,773.46	1.45449	.95635
1899	1.978	.55816	1.01615	1,927.94	.724	.98853	1.79035	4,895.09	1.50436	.98390
1900	2.003	.56459	1.01075	2,067.17	.729	.99373	2.00042	5,466.47	1.65721	1.07288
1901	2.013	.57941	1.02721	2,218.70	.750	1.05116	2.13212	5,804.08	1.72938	1.12292
1902	1.986	.60494	1.08531	2,399.97	.757	1.03219	2.27093	6,113.58	1.82350	1.17960
1903	2.006	.60720	1.11644	2,525.83	.763	1.05158	2.43967	6,629.78	1.91380	1.26604
1904	2.006	.61746	1.14135	2,570.33	.780	1.07251	2.42703	6,571.76	1.93960	1.31375
1905	1.962	.63985	1.15954	2,642.37	.766	1.03868	2.49689	6,721.28	1.97906	1.32140
1906	2.003	.63895	1.20338	2,808.72	.748	1.03594	2.60804	7,486.42	2.07547	1.37060
1907	2.014	.64600	1.25805	3,032.14	.759	1.05428	2.74023	8,122.86	2.17741	1.46993
1908[3]	1.937	.63394	1.27073	3,043.00	.754	1.07760	2.65307	7,259.00	2.11269	1.47340
1909[3]	1.928	.63053	1.26958	2,979.00	.763	1.07563	2.76450	7,184.00	2.16789	1.43370
1910[3]	1.938	.64617	1.30396	3,228.00	.753	1.03992	2.86218	8,089.00	2.24628	1.48865
1911[3]	1.974	.65789	1.30921	3,312.00	.757	1.07944	2.89548	7,895.00	2.24824	1.54338
1912[3]	1.987	.65677	1.29142	3,301.00	.744	1.06605	3.02284	7,962.00	2.29259	1.59077
1913[4]	2.008	.67226	1.35555	3,506.00	.729	1.06759	3.24347	9,048.00	2.45387	1.70375
1914[4]	1.982	.66406	1.34496	3,476.00	.733	1.06938	3.30845	8,596.00	2.45024	1.76917
1915[4]	1.985	.65851	1.30858	3,229.00	.732	1.12468	3.46995	8,182.00	2.51895	1.77641

[1] See note 5, p. 276. [2] For years subsequent to 1900, computed on the basis of average mileage operated. [3] See note 1, p. 296. [4] See note 2, p. 296.

No. 203.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING, 1897 TO 1915.

[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.*
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 [2]	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 [2]	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
1915 [2]	7,599,937,801	1,394,956,920	8,994,894,721	9,047,182,748	2,434,532,805	247,359,856	403,988,948	12,133,064,357	[11] 21,127,959,078

[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.
[11] Includes $598,345, receipts outstanding for installments paid on stock, and $500,035, receipts outstanding for funded debt.

No. 204.—FINANCES OF RAILROADS: Dividends on Capital Stock and Interest on Funded Debt, 1893 to 1915.

[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.*
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	4,119,036,714	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
1915 [1]	5,219,846,562	60.45	6.29	328,477,938	464,186,021	792,663,959	34,546,454

[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. 205.—FINANCES OF RAILROADS, CONSIDERED AS A SYSTEM: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED JUNE 30, 1915.[1]

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

Item.	Amount.	Average amount per mile operated.
Average operated mileage represented (miles)	256,213.61	.....
[illegible]:		
[illegible] revenues	*Dollars.* 2,956,193,202	*Dollars.* 11,538
Railway operating expenses	2,088,682,956	8,152
Net revenue from railway operations	867,510,246	3,386
[illegible]	139,298,167	544
[illegible] enues	665,978	2
Railway operating income	727,546,101	2,840
Revenues from miscellaneous operations	38,527,886	150
Expenses of miscellaneous operations	33,678,467	131
Net revenue from miscellaneous operations	4,849,419	19
Taxes on miscellaneous operating property	1,940,221	8
Miscellaneous operating income	2,909,198	11
Total operating income	730,455,299	2,851
Nonoperating income:		
Rent from work equipment[2]	1,574,769	6
Miscellaneous rent income	8,752,568	34
Miscellaneous nonoperat[illegible]	2,832,867	11
[illegible]	3,957	(3)
[illegible]	88,394,714	345
[illegible]	40,979,333	160
Income from unfunded securities and accounts	30,706,918	120
Income from sinking and other reserve funds	3,241,140	13
Release of premiums on funded debt	138,901	1
Miscellaneous income	3,144,720	12
Total nonoperating income	179,769,887	702
Gross income	910,225,186	3,553

Item.	Amount.	Average amount per mile operated.
Deductions from gross income:		
Hire of freight cars—Net debit balance[2]	*Dollars.* 21,672,189	*Dollars.* 85
Rent for locomotives[2]	104,193	(3)
Rent for passenger-train cars[2]	1,212,435	5
Rent for floating equipment[2]	557,060	2
Joint facility rents[2]	14,413,650	56
[illegible]	4,467,940	18
[illegible]	5,977,191	23
Miscellaneous tax accruals	2,331,640	9
Interest on funded debt	463,540,666	1,809
Interest on unfunded debt	34,531,298	135
Amortization of discount on funded debt	3,401,520	13
Maintenance of investment organization	656,808	3
Miscellaneous income charges	2,571,867	10
Total deductions from gross income	555,438,457	2,168
Net income	354,786,729	1,385
[illegible]		
[illegible]	13,631,499	53
[illegible]	325,900,869	1,272
[illegible] erty	30,683,537	120
Miscellaneous appropriations	6,716,294	26
Stock and debt discount extinguished	14,601,917	57
Total appropriations for year	391,534,116	1,528
Remainder	−36,747,387	−143
Balance in profit and loss on June 30 of preceding year	*939,261,502*	*3,666*
Sum	902,514,115	3,523
[illegible] through		
Credits	73,258,319	286
Debits	98,377,866	384
Net adjustment	−25,119,547	− 98
Balance on June 30 carried to general balance sheet	877,394,568	3,425

[1] It is not practicable, in some instances, to make eliminations of intercorporate payments, especially in regard to "Dividend income," "Income from funded securities," "Income from unfunded securities and acc[illegible] appropriations," etc., and [illegible] 2 applies.

[2] [illegible] payments were eliminated.

[3] Less than $1.

No. 206.—FINANCES OF RAILROADS UNDER SPECIFIED HEADINGS: YEARS ENDED JUNE 30, 1913 TO 1915.

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

ANALYSIS OF OPERATING REVENUES.

Item.	1913 [1]		1914 [1]		1915 [2]	
	Amount.[3]	Proportion to total.	Amount.[4]	Proportion to total.	Amount.[5]	Proportion to total.
	Dollars.	*Per ct.*	*Dollars.*	*Per ct.*	*Dollars.*	*Per ct.*
Freight revenue	2,198,930,565	70.36	2,114,697,629	69.40	2,037,925,560	70.03
Passenger revenue	695,987,817	22.27	700,403,353	22.99	646,475,045	22.22
Mail revenue	50,789,212	1.63	55,062,961	1.81	58,359,095	2.00
[illegible]	79,717,266	2.55	75,541,569	2.48	70,124,795	2.41
[illegible] revenue (on passenger trains)	16,665,393	.53	17,131,756	.56	20,879,188	.72
Parlor and chair car revenue and [illegible]	6,825,818	.22	6,906,877	.22	5,552,405	.19
[illegible]	33,248,734	1.06	33,171,335	1.09	31,274,203	1.07
[illegible] revenue	8,842,263	.28	8,772,954	.29	2,210,275	.08
Total revenue from operations other than transportation	31,628,843	1.02	32,930,397	1.08	35,189,996	1.21
Joint-facilities revenue—Dr	−1,054,003	−.03	−1,242,795	−.04	−1,417,403	−.05
Joint-facilities revenue—Cr	3,553,890	.11	3,643,872	.12	3,492,491	.12
Total	3,125,135,798	100.00	3,047,019,908	100.00	[6]2,910,065,650	100.00

ANALYSIS OF OPERATING EXPENSES.

Maintenance of way and structures	421,232,395	19.41	419,277,779	19.05	381,532,488	[7] 18.49
Maintenance of equipment	511,561,363	23.57	532,138,606	24.18	509,818,744	[7] 24.70
Traffic expenses	62,850,113	2.90	63,769,677	2.90	60,962,687	[7] 2.95
Transportation expenses	1,096,252,745	50.52	1,101,597,432	50.07	1,032,442,821	[7] 50.03
General expenses	78,072,308	3.60	83,529,665	3.80	79,043,173	[7] 3.83
Total	2,169,968,924	100.00	2,200,313,159	100.00	[8]2,063,819,414	[7]100.00

[illegible] small roads (having operating revenues below $100,000 for the year)

[2] Does not include [illegible] companies. Figures are not fully comparable with those of prior years b[illegible] classifications.

[3] 242,657.12 miles of [illegible] represented.

[4] 245,624.55 miles of [illegible] represented.

[illegible] venues, [illegible] 077.125; [illegible] ar reve- [illegible] power,

[7] Based on [illegible] 3,501 unclassified.

[8] Includes $[illegible] allowance for a credit item of [illegible] portation for [illegible] for under classifications effecti[illegible] $31,846,440, co[illegible] unts classed as [illegible] formerly class[illegible] ide) operations [illegible] cellaneous op[illegible]

No. 207.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENDED JUNE 30, 1908 TO 1915, BY LEADING COMMODITIES.

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

Commodity.	1908[1]	1909[1]	1910[1]	1911[1]	1912[1]	1913[2]	1914[2]	1915[2]		
								Originating on road.	Received from connecting roads and other carriers.	Total.
Products of agriculture:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
Grain	63,974,893	63,094,886	67,733,043	71,126,786	70,779,832	89,587,276	80,011,068	53,446,686	43,601,007	97,047,693
Flour	16,892,181	18,306,436	19,729,851	19,557,516	19,971,463	21,767,405	22,218,779	9,596,763	12,779,349	22,376,112
Other mill products	13,177,812	13,926,537	15,632,126	15,475,563	16,817,362	17,918,707	17,968,272	8,036,745	10,513,674	18,550,419
Hay	10,240,215	10,323,433	11,744,710	12,033,156	13,754,257	13,046,480	13,288,162	7,649,093	6,256,820	13,905,913
Tobacco	1,490,130	1,530,854	1,833,353	1,706,044	1,947,001	2,128,314	1,989,568	1,051,648	805,740	1,857,388
Cotton	6,232,352	7,695,701	6,122,624	7,228,879	9,221,868	7,997,025	8,624,847	5,012,705	4,932,181	9,944,886
Fruit and vegetables	22,136,182	24,298,311	27,968,788	29,108,043	31,083,546	35,892,658	39,269,036	17,898,288	23,855,841	41,754,129
Other products of agriculture	8,472,620	10,419,485	9,637,198	10,628,085	15,579,590	14,865,327	15,217,108	10,347,913	6,131,371	16,479,284
Total	142,616,385	149,595,693	160,401,693	166,864,072	179,154,919	203,203,192	198,586,840	113,039,841	108,875,983	221,915,824
Products of animals:										
Live stock	18,395,820	18,432,441	18,200,325	20,416,150	20,535,108	21,572,184	[2]1,144,300	15,021,432	6,145,869	21,167,301
Dressed meats	5,618,772	5,656,638	5,953,431	5,637,469	5,702,584	5,855,960	5,445,499	2,503,317	3,206,394	5,709,711
Other packing-house products	5,339,781	5,239,944	4,651,120	4,809,181	5,126,238	5,103,435	5,066,472	2,540,376	2,685,546	5,225,922
Poultry, game, and fish	1,519,612	1,528,547	1,512,280	1,587,942	1,732,682	1,981,139	2,351,144	861,670	1,392,503	2,254,173
Wool	775,927	1,002,120	904,324	1,023,914	1,017,230	954,196	1,075,594	370,426	535,999	906,425
Hides and leather	2,275,390	2,858,682	3,014,630	2,653,507	2,689,907	2,686,586	2,656,355	1,149,930	1,550,793	2,700,723
Other products of animals	3,814,352	4,334,673	4,388,665	5,085,894	6,490,287	7,107,763	8,735,892	4,212,584	3,077,020	7,289,604
Total	37,739,654	39,053,045	38,624,775	41,214,057	43,294,036	45,261,263	46,475,256	26,659,735	18,594,124	45,253,859
Products of mines:										
Anthracite coal	120,526,424	115,959,131	117,480,501	127,402,064	119,835,090	136,205,485	128,826,808	66,442,501	58,205,190	124,647,691
Bituminous coal	387,623,984	392,821,573	467,060,739	479,638,745	525,444,172	562,465,724	561,412,516	281,695,986	226,136,175	507,832,161
Coke	53,998,184	54,618,163	77,990,907	60,804,241	61,941,110	73,155,701	60,783,693	23,743,759	22,945,285	46,689,044
Ores	97,614,917	113,037,038	158,179,430	133,082,878	138,667,493	171,905,292	159,705,231	81,349,601	45,441,771	126,791,372

Stone, sand, and other like articles	71,619,490	75,080,693	98,861,001	99,352,582	103,293,371	130,496,192	125,850,740	88,843,490	30,231,816	119,075,306
Other products of mines	18,376,796	19,692,350	22,493,269	20,848,929	20,031,710	25,639,154	26,868,601	14,506,613	11,498,409	26,005,022
Total	749,759,795	771,208,948	942,065,847	921,129,439	969,212,946	1,099,867,548	1,063,447,589	556,581,950	394,458,646	951,040,596
Products of forests:										
Lumber	104,717,411	113,684,830	135,677,828	125,185,647	125,350,692	152,065,216	145,464,354	57,286,378	65,835,950	123,122,328
Other products of forests	46,455,429	51,791,366	57,561,905	61,770,233	51,071,833	51,550,278	53,996,912	36,684,904	11,928,057	48,612,961
Total	151,172,840	165,476,196	193,239,733	186,955,880	176,422,525	203,615,494	199,461,266	93,971,282	77,764,007	171,735,289
Manufactures:										
Petroleum and other oils	14,365,351	14,244,907	16,531,174	17,596,449	20,677,785	23,536,256	23,660,871	12,710,649	13,586,220	26,296,869
Sugar	5,714,720	6,448,971	7,056,371	6,923,808	7,754,719	8,429,702	9,354,197	3,727,194	5,631,149	9,358,343
Naval stores	1,681,521	1,676,151	1,743,122	1,553,271	1,783,114	1,689,128	1,725,097	930,251	606,954	1,537,205
Iron, pig and bloom	20,479,456	20,777,597	28,963,137	22,713,623	24,053,768	29,613,282	23,336,043	9,796,879	8,594,908	18,391,787
Iron and steel rails	7,764,224	6,466,718	9,378,658	8,920,596	7,983,842	10,615,984	7,414,519	2,220,128	2,591,330	4,811,458
Other castings and machinery	20,289,094	20,007,195	27,274,820	23,052,502	23,843,074	30,951,697	26,540,896	9,613,380	11,526,213	21,139,593
Bar and sheet metal	21,572,503	22,652,433	34,074,515	29,899,867	31,227,138	37,315,634	30,560,443	11,863,879	15,013,529	26,877,408
Cement, brick, and lime	43,919,813	48,304,794	59,626,450	61,082,645	62,187,497	73,239,287	71,644,540	39,155,212	29,088,597	68,243,809
Agricultural implements	2,299,006	2,575,560	3,249,071	3,264,739	3,399,214	3,865,145	3,526,385	1,308,369	1,336,675	2,645,044
Wagons, carriages, tools, etc	2,458,506	2,282,152	3,223,308	3,008,857	2,914,832	3,852,949	3,959,499	1,729,154	2,395,389	4,124,543
Wines, liquors, and beers	6,411,216	6,118,170	6,785,150	6,829,700	7,068,924	7,858,107	7,771,970	3,786,814	2,848,370	6,635,184
Household goods and furniture	3,463,908	3,451,820	4,081,175	3,820,113	4,198,706	4,722,233	4,804,557	1,965,905	2,061,100	4,027,005
Other manufactures	55,767,607	60,879,583	76,170,549	79,110,164	82,678,331	89,100,195	86,505,185	37,329,827	41,068,165	78,397,992
Total	206,186,925	215,886,051	278,157,500	267,776,334	279,770,944	324,789,599	300,804,202	136,137,641	136,348,599	272,486,240
Merchandise	53,898,105	57,408,402	61,234,757	60,976,778	67,377,804	77,971,985	70,339,182	[3] 27,850,588	[3] 25,754,999	[3] 53,605,587
Miscellaneous—Other commodities	63,686,306	61,072,364	71,600,523	73,097,558	70,837,892	74,920,823	70,593,664	[4] 48,162,906	[4] 33,111,606	[4] 81,274,512
Grand total [5]	1,405,060,010	1,459,700,699	1,745,324,828	1,718,014,118	1,786,071,066	2,029,629,904	1,949,707,999	1,002,403,943	794,907,964	1,797,311,907

[1] Excludes traffic movement of switching and terminal companies.
[2] Excludes traffic movement of so-called small roads (having operating revenues below $100,000 for the year) and of switching and terminal companies.
[3] Represents "Miscellaneous commodities not specified above (carload rates)."
[4] Represents "L. C. L. goods not distributed above."
[5] Excludes freight not classified, as follows: 1908, 127,921,780 tons; 1909, 96,859,042 tons; 1910, 104,575,273 tons; 1911, 63,623,836 tons; 1912, 58,906,607 tons; 1913, 28,405,583 tons; 1914, 26,430,156 tons; 1915, 4,706,270 tons.

No. 208.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1908 TO 1915, BY STATES.

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

State.	1908 [1]		1909 [1]		1910 [1]		1911 [1]		1912 [1]		1913 [2]		1914 [2]		1915 [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	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	1,686,859	342
Arizona	279,332	148	303,992	157	321,294	158	434,463	209	575,226	279	884,803	418	1,133,451	525	1,158,980	532
Arkansas	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	2,047,248	465
California	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	4,800,884	633
Colorado	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	2,115,660	389
Connecticut	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	780,901	783
Delaware	114,538	340	141,639	421	161,368	482	130,031	388	161,354	482	148,946	445	149,402	446	156,333	467
Dist. Columbia	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	62,136	1,816
Florida	708,563	187	770,732	198	838,618	208	886,771	212	991,023	224	1,053,651	257	1,207,574	281	1,215,782	276
Georgia	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	1,754,736	267
Idaho	579,193	312	547,864	288	714,427	345	785,051	337	1,395,779	581	1,434,985	584	1,738,925	662	1,462,006	549
Illinois	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	8,287,666	691
Indiana	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	5,196,470	717
Iowa	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	3,556,187	364
Kansas	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	3,825,908	421
Kentucky	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	1,812,116	513
Louisiana	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	1,948,905	412
Maine	654,090	314	660,107	314	674,962	301	780,429	345	937,239	417	971,889	455	1,060,336	496	1,097,785	510
Maryland	910,245	675	975,556	711	1,015,666	742	1,041,519	754	884,929	641	951,652	733	983,434	732	1,078,874	797
Massachusetts	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	2,629,779	1,260
Michigan	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	3,985,698	477
Minnesota	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	4,900,761	550
Mississippi	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	1,806,773	465

Missouri	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	2,252,461	289
Montana	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	2,226,213	468
Nebraska	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	2,626,086	426
Nevada	502,088	283	522,806	291	668,121	388	1,092,779	627	826,293	375	931,520	444	983,927	472	746,068	373
New Hampshire	467,327	379	496,375	402	777,864	629	708,217	572	751,443	607	862,257	691	809,313	649	751,121	602
New Jersey	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	6,789,603	3,110
New Mexico	445,753	154	524,508	180	745,120	254	560,874	192	680,909	233	970,915	337	1,276,641	443	1,068,876	369
New York	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	11,794,926	1,435
North Carolina	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	1,493,084	341
North Dakota	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	1,899,503	371
Ohio	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	8,711,531	972
Oklahoma	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	2,903,972	464
Oregon	527,342	297	861,482	446	912,851	444	830,462	360	1,461,162	608	1,479,983	599	1,730,265	683	1,430,208	538
Pennsylvania	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	8,491,931	785
Rhode Island	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	368,578	1,888
South Carolina	711,405	224	731,232	226	763,846	232	819,996	248	875,679	259	863,742	272	938,990	288	961,785	293
South Dakota	525,505	153	664,523	182	834,162	211	882,728	213	942,935	227	956,241	230	1,061,203	255	1,321,306	312
Tennessee	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	1,671,459	441
Texas	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	4,081,445	275
Utah	686,266	381	672,446	375	692,424	383	723,673	394	822,741	412	933,246	456	1,096,726	541	1,093,174	529
Vermont	210,260	205	230,475	226	256,657	251	280,217	272	293,873	286	386,888	395	499,224	509	508,707	519
Virginia	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	2,589,166	609
Washington	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	4,341,849	847
West Virginia	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	1,893,008	589
Wisconsin	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	4,768,492	671
Wyoming	336,089	216	360,785	230	614,314	384	631,534	395	614,301	376	655,993	403	789,340	448	742,162	405
Total [3]	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	134,895,161	569

[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: 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); 1915, $4,625,296 (including $4,272,796 assessed by the United States Government, chiefly as a special excise tax).

No. 209.—RAILROAD ACCIDENTS (STEAM RAILWAYS): NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1892 TO 1916.

[Sources: Y[illegible] e Commerce Commission; for subsequent years, ac[illegible] monthly reports required under the act approved [illegible] that returns were required under different acts, [illegible]

Year ended June 30—	Employees.		Passengers.		Other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1892	2,554	28,267	376	3,227	4,217	5,158	7,147	36,652
1893	2,727	31,729	299	3,229	4,320	5,435	7,346	40,393
1894	1,823	23,422	324	3,034	4,300	5,433	6,447	31,889
1895	1,811	25,696	170	2,375	4,155	5,677	6,136	33,748
1896	1,861	29,969	181	2,873	4,406	5,845	6,448	38,687
1897	1,693	27,667	222	2,795	4,522	6,269	6,437	36,731
1898	1,958	31,761	221	2,945	4,680	6,176	6,859	40,882
1899	2,210	34,923	239	3,442	4,674	6,255	7,123	44,620
1900	2,550	39,643	249	4,128	5,066	6,549	7,865	50,320
1901	2,675	41,142	282	4,988	5,498	7,209	8,455	53,339
1902	2,969	50,524	345	6,683	5,274	7,455	8,588	64,662
1903	3,606	60,481	355	8,231	5,879	7,841	9,840	76,553
1904	3,632	67,067	441	9,111	5,973	7,977	10,046	84,155
1905	3,361	66,833	537	10,457	5,805	8,718	9,703	86,008
1906	3,929	76,701	359	10,764	6,330	10,241	10,618	97,706
1907	4,534	87,644	610	13,041	6,695	10,331	11,839	111,016
1908 [1]	3,405	82,487	381	11,556	6,402	10,187	10,188	104,230
1909 [1]	2,610	75,006	253	10,311	5,859	10,309	8,722	95,626
1910 [1]	3,382	95,671	324	12,451	5,976	11,385	9,682	119,507
1911	3,602	126,039	356	13,433	6,438	10,687	10,396	150,159
1912	3,635	142,442	318	16,386	6,632	10,710	10,585	169,538
1913	3,715	171,417	403	16,539	6,846	12,352	10,964	200,308
1914	3,259	165,212	265	15,121	6,778	12,329	10,302	192,662
1915	2,152	138,092	222	12,110	6,247	11,838	8,621	162,040
1916	2,687	160,663	283	8,379	6,394	11,333	9,364	180,375

[1] Excludes accidents reported by switching and terminal companies.

No. 210.—RAILROAD ACCIDENTS: ANALYSIS OF CASUALTIES CLASSED AS "NONTRAIN ACCIDENTS," YEAR ENDED JUNE 30, 1916, (See Table 211.)

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

Class of accident.	Shopmen.		Station men.		Trackmen.		Bridge and building men.		Other employees.		All other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
[illegible]	12	4,504	2	58	1	235	1	90	5	240	3	14	24	5,141
Transmission apparatus (belts, gears, shafting, ropes, etc.)	5	408	...	22	1	43	...	24	...	42	...	3	6	542
Use of hand tools, apparatus, etc	9	13,202	...	190	3	3,138	1	740	2	529	...	25	15	17,824
Flying particles	1	5,686	...	48	...	1,368	...	145	...	197	1	8	2	7,452
Explosives; inflammable, hot, or corrosive substances	6	1,604	...	38	7	94	...	34	5	140	1	9	19	1,919
Electric currents	8	116	...	2	1	19	1	8	2	33	5	10	17	188
Collapse, fall, etc., of objects	20	8,432	2	854	13	939	10	470	7	741	5	75	57	11,511
[illegible]	20	5,957	10	1,172	39	2,174	28	912	22	1,626	8	436	127	12,277
[illegible] etc	1	2,396	...	152	13	10,476	5	1,432	2	783	1	22	22	15,261
Handling freight or supplies	2	4,848	9	10,065	2	657	...	130	2	1,354	4	80	19	17,134
Miscellaneous industrial causes	28	16,719	6	1,888	50	5,160	14	1,100	20	3,265	12	323	130	28,455
Total industrial accidents	112	63,872	29	14,489	130	24,303	60	5,085	67	8,950	[illegible]	[illegible]	[illegible]	[illegible]
Other nontrain accidents	4	191	2	37	1	84	1	16	8	484	[illegible]	[illegible]	[illegible]	[illegible]
Total	116	64,063	31	14,526	131	24,387	61	5,101	75	9,434	72	1,785	486	119,296

No. 211.—RAILROAD ACCIDENTS: Casualties to Persons, Years Ended June 30, 1915 and 1916.[1]

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

Cause.[2]	1915								1916							
	Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nontrespassers).		Total persons.		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	41	1,987	77	1,401	16	105	134	3,493	84	2,143	145	1,660	23	57	252	3,860
2. Derailments	45	2,529	131	1,375	72	157	248	4,061	57	1,671	133	1,255	68	128	258	3,054
3. Miscellaneous train accidents, including locomotive-boiler explosions	3	132	18	667	7	9	28	808	.....	36	35	497	4	26	39	559
4. Accidents in connection with railroad operation other than those to trains or roadway, not including industrial accidents [3]	133	7,462	1,583	35,457	6,152	11,567	7,868	54,486	142	4,529	1,960	39,740	6,227	9,337	8,329	53,606
Total (causes 1 to 4)	222	12,110	1,809	38,900	6,247	11,838	8,278	62,848	283	8,379	2,273	43,152	6,322	9,548	8,878	61,079
5. While working on tracks or bridges	.....	.....	146	24,867	.....	.....	146	24,867	.....	.....	.....	.....	.....	.....	.....	.....
6. At stations, freight houses, engine houses, coaling stations, water stations, etc., where no moving railroad car or engine is involved	.....	.....	69	23,533	.....	.....	69	23,533	.....	.....	.....	.....	.....	.....	.....	.....
7. In and around shops	.....	.....	63	45,029	.....	.....	63	45,029	.....	.....	.....	.....	.....	.....	.....	.....
8. On boats and wharves	.....	.....	26	1,731	.....	.....	26	1,731	.....	.....	.....	.....	.....	.....	.....	.....
9. At other places	.....	.....	39	4,032	.....	.....	39	4,032	.....	.....	.....	.....	.....	.....	.....	.....
Total (causes 5 to 9) [4]	.....	.....	343	99,192	.....	.....	343	99,192	.....	.....	414	117,511	72	1,785	486	119,296
Total casualties in all accidents	222	12,110	2,152	138,092	6,247	11,838	8,621	162,040	283	8,379	2,687	160,663	6,394	11,333	9,364	180,375

[1] See also preceding table.

[2] Items 1 to 4, inclusive, cover all accidents to and around trains, cars, and engines, including, in general, all casualties resulting from train operation. Items 5 to 9, inclusive, are those which do not involve train operation, but occur to railroad employees other than trainmen on railroad premises.

[3] Termed "Train-service accidents" after 1915.

[4] Termed "Nontrain accidents" after 1915. See analysis in the preceding table.

No. 212.—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	67,026	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.

No. 213.—EMPLOYEES OF RAILROADS: TOTAL YEARLY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1890 TO 1914, BY CLASSES.[1]

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

Class.	1890	1896	1898	1900	1902	1904	1906	1908[2]	1910[2]	1912[2]	1913[3]	1914[2]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
General officers	13,584,924	12,497,957	12,632,224	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
Other officers	([4])	5,301,119	6,870,275	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
General office clerks	16,901,342	19,037,816	19,859,404	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
Station agents	14,806,456	17,050,117	17,692,146	18,553,252	20,172,608	22,584,209	22,571,595	25,908,206	27,203,943	29,935,642	30,016,048	31,841,367
Other station men	34,918,155	39,076,478	40,237,653	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
Enginemen	37,814,011	41,354,307	44,307,993	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
Firemen	21,750,252	23,724,854	25,199,230	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
Conductors	21,881,455	24,758,485	26,316,465	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
Other trainmen	35,276,703	38,379,035	39,597,133	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
Machinists	19,235,809	19,312,746	19,507,896	22,924,702	28,412,840	37,344,571	40,326,031	42,368,436	48,589,476	54,327,638	60,008,941	58,229,801
Carpenters	24,090,749	22,948,585	23,951,246	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
Other shopmen	42,179,614	48,497,887	51,359,701	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
Section foremen	15,238,221	17,097,832	17,223,628	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
Other trackmen	57,560,900	54,521,113	57,303,740	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
Switch tenders, crossing tenders, and watchmen	20,656,369	24,950,907	26,633,630	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
Telegraph operators and dispatchers	11,823,844	13,695,587	14,259,057	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
Employees—account floating equipment	3,565,408	3,221,290	3,551,898	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
All other employees and laborers	42,686,131	43,398,416	48,552,299	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
Total	433,970,343	468,824,531	495,055,618	577,264,841	676,028,592	817,598,810	[5]900,801,653	1,035,437,528	1,143,725,306	1,252,347,697	1,373,830,589	1,381,117,292

[1] Covers over 99 per cent of the number of employees for all the years mentioned, excepting 1906, the per cent for which was over 96.

[2] Excludes compensation of employees 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.

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

[5] Excludes compensation paid by Southern Pacific Co. (not reported). The corresponding amount paid in 1907 was $35,724,918.

No. 214.—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. 215.—EMPLOYEES OF RAILROADS: Average Number in Service and Number per 100 Miles of Line for Class I and II Carriers and Average Number for Switching and Terminal Companies on June 30, 1915, by Classes.

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

Class.	Class I and II carriers.[1]		Switching and terminal companies, average number.
	Average number.	Per 100 miles of line.	
General officers, $3,000 per annum and upward	3,748	2	133
General officers, below $3,000 per annum	3,330	1	401
Division officers, $3,000 per annum and upward	1,027	1	37
Division officers, below $3,000 per annum	7,645	3	179
Clerks, $900 per annum and upward	54,225	24	1,655
Clerks, below $900 per annum	89,845	40	2,791
Messengers and attendants	8,131	4	202
Assistant engineers and draftsmen	7,144	3	207
Maintenance of way and structure foremen	6,171	3	86
Section foremen	37,356	17	460
General foremen, maintenance of equipment department	1,486	1	72
Gang and other foremen, maintenance of equipment department	14,205	6	239
Machinists	32,972	15	620
Boiler makers	10,739	5	267
Blacksmiths	6,978	3	128
Masons and bricklayers	1,075	1	27
Structural ironworkers	789	.....	15
Carpenters	43,361	19	837
Painters and upholsterers	8,761	4	135
Electricians	5,559	2	295
Air-brake men	4,781	2	58
Car inspectors	16,315	7	662
Car repairers	53,366	24	859
Other skilled labor	41,806	19	750
Mechanics' helpers and apprentices	64,356	29	983
Section men	214,083	95	4,104
Other unskilled labor	90,572	40	1,893
Foremen of construction gangs and work trains	2,452	1	92
Other men in construction gangs and work trains	40,495	18	1,691
Traveling agents and solicitors	4,942	2	3
Employees in outside agencies	2,220	1	4
Other traffic employees	1,122	1	5
Train dispatchers and directors	4,686	2	118
Telegraphers, telephoners, and block operators	18,361	8	330
Telegraphers and telephone operating interlockers	7,425	3	155
Lever men	2,903	1	194
Telegrapher clerks	9,065	4	39
Agent telegraphers	18,597	8	13
Station agents	14,168	6	206
Station masters and assistants	613	.....	116
Station service	83,496	37	3,941
Yardmasters	3,122	1	260
Yardmasters' assistants	1,864	1	208
Yard engineers and motormen	12,192	5	1,272
Yard firemen and helpers	12,425	6	1,292
Yard conductors	11,716	5	1,207
Yard brakemen	30,523	13	2,499
Yard switch tenders	4,574	2	548
Other yard employees	4,656	2	259
Hostlers	6,916	3	227
Engin[illegible] watchmen and laborers	35,856	16	815
Road[illegible] engineers and motormen	23,830	11	52
Road[illegible] firemen and helpers	24,834	11	56
Road[illegible] conductors	19,756	9	51
Road[illegible] brakemen and flagmen	49,483	22	92
Road[illegible]er engineers and motormen	11,817	5	21
Road[illegible]er firemen and helpers	11,411	5	9
Road[illegible]er conductors	9,936	4	21
Road[illegible]er baggagemen	5,499	3	4
Road[illegible]er brakemen and flagmen	13,560	6	8
Other [illegible]ainmen	3,742	2	12
Crossing flagmen and gatemen	14,541	7	737
Drawbridge operators	1,192	1	70
Floating-equipment employees	10,977	5	118
Express-service employees	16	.....	2
Policemen and watchmen	7,470	3	416
All other transportation employees	9,944	5	380
All other employees	27,119	12	401
Total	1,409,342	627	36,039

[1] Classes I and II represent steam railroads that earn $100,000 and over per annum and had in operation 224,858.89 miles of line (single track) on June 30, 1915.

No. 216.—EMPLOYEES OF RAILROADS: TOTAL YEARLY COMPENSATION FOR CLASS I AND II CARRIERS AND SWITCHING AND TERMINAL COMPANIES, YEAR ENDED JUNE 30, 1915, BY CLASSES.

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

Class.	Class I and II carriers.[1]	Switching and terminal companies.
	Dollars.	*Dollars.*
General officers, $3,000 per annum and upward	23,594,499	592,840
General officers, below $3,000 per annum	5,432,211	475,891
Division officers, $3,000 per annum and upward	3,864,445	107,991
Division officers, below $3,000 per annum	13,317,692	271,252
Clerks, $900 per annum and upward	61,438,136	1,802,027
Clerks, below $900 per annum	58,260,023	1,898,965
Messengers and attendants	3,512,293	76,625
Assistant engineers and draftsmen	7,962,456	238,302
Maintenance of way and structure foremen	6,818,753	97,772
Section foremen	28,639,529	382,702
General foremen, maintenance of equipment department	2,266,007	99,188
Gang and other foremen, maintenance of equipment department	16,550,327	285,848
Machinists	33,952,245	676,738
Boiler makers	11,537,225	304,064
Blacksmiths	6,447,668	122,344
Masons and bricklayers	847,649	21,703
Structural iron workers	705,029	14,783
Carpenters	33,212,781	693,813
Painters and upholsterers	6,624,153	100,023
Electricians	5,226,550	253,801
Air-brake men	3,875,022	54,446
Car inspectors	14,416,662	625,159
Car repairers	39,948,311	683,762
Other skilled labor	35,688,804	653,266
Mechanics' helpers and apprentices	38,940,818	620,160
Section men	96,557,782	2,017,546
Other unskilled labor	50,611,021	1,219,994
Foremen of construction gangs and work trains	2,481,416	73,692
Other men in construction gangs and work trains	20,831,329	665,054
Traveling agents and solicitors	7,344,793	4,835
Employees in outside agencies	2,172,985	3,406
Other traffic employees	1,066,097	4,920
Train dispatchers and directors	7,387,398	142,887
Telegraphers, telephoners, and block operators	14,643,665	262,753
Telegraphers and telephoners operating interlockers	6,097,661	123,978
Lever men	2,116,580	161,193
Telegrapher clerks	7,203,781	33,677
Agent telegraphers	15,234,672	10,468
Station agents	13,025,045	252,655
Station masters and assistants	667,108	133,749
Station service	50,292,817	2,529,159
Yardmasters	4,898,949	421,707
Yardmaster's assistants	2,653,401	243,491
Yard engineers and motormen	18,565,187	1,866,000
Yard firemen and helpers	11,344,870	1,149,812
Yard conductors	15,864,387	1,584,446
Yard brakemen	35,527,444	2,885,390
Yard switch tenders	3,282,409	420,643
Other yard employees	2,880,125	208,565
Hostlers	6,646,768	240,218
Engine-house watchmen and laborers	24,467,028	583,685
Road freight engineers and motormen	43,600,994	65,182
Road freight firemen and helpers	27,929,294	44,366
Road freight conductors	31,133,951	56,561
Road freight brakemen and flagmen	50,856,073	87,466
Road passenger engineers and motormen	24,923,439	19,937
Road passenger firemen and helpers	14,554,219	5,501
Road passenger conductors	18,068,186	21,865
Road passenger baggagemen	5,705,721	2,306
Road passenger brakemen and flagmen	13,814,894	8,201
Other road trainmen	3,143,571	5,720
Crossing flagmen and gatemen	6,918,744	369,745
Drawbridge operators	791,315	51,268
Floating-equipment employees	8,364,886	106,130
Express-service employees	8,553	1,560
Policemen and watchmen	5,285,171	283,245
All other transportation employees	6,271,211	216,684
All other employees	16,530,202	319,862
Total	1,164,844,430	30,062,987

[1] Classes I and II represent steam railroads that earn $100,000 and over per annum and had in operation 224,371.01 miles of line on June 30, 1915.

No. 217.—EMPLOYEES OF RAILROADS: AVERAGE DAILY COMPENSATION FOR CLASS I AND II CARRIERS AND SWITCHING AND TERMINAL COMPANIES, YEAR ENDED JUNE 30, 1915, BY CLASSES.

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

Class.	Class I and II carriers.[1]	Switching and terminal companies.
	Dollars.	*Dollars.*
General officers, $3,000 per annum and upward	2.451	1.862
General officers, below $3,000 per annum	.650	.527
Division officers, $3,000 per annum and upward	1.194	1.230
Division officers, below $3,000 per annum	.520	.559
Clerks, $900 per annum and upward	.416	.366
Clerks, below $900 per annum	.224	.227
Messengers and attendants	.140	.117
Assistant engineers and draftsmen	.403	.437
Maintenance of way and structure foremen	.328	.349
Section foremen	.232	.256
General foremen, maintenance of equipment department	.429	.441
Gang and other foremen, maintenance of equipment department	.347	.330
Machinists	.386	.362
Boiler makers	.386	.365
Blacksmiths	.371	.336
Masons and bricklayers	.279	.273
Structural iron workers	.320	.335
Carpenters	.276	.294
Painters and upholsterers	.297	.283
Electricians	.285	.314
Air-brake men	.266	.255
Car inspectors	.232	.243
Car repairers	.265	.239
Other skilled labor	.283	.291
Mechanics' helpers and apprentices	.226	.211
Section men	.150	.168
Other unskilled labor	.182	.188
Foremen of construction gangs and work trains	.274	.280
Other men in construction gangs and work trains	.169	.177
Traveling agents and solicitors	.563	.590
Employees in outside agencies	.385	.422
Other traffic employees	.416	.337
Train dispatchers and directors	.518	.388
Telegraphers, telephoners, and block operators	.263	.252
Telegraphers and telephoners operating interlockers	.286	.283

Class.	Class I and II carriers.[1]	Switching and terminal companies.
	Dollars.	*Dollars.*
Lever men	0.212	0.248
Telegrapher clerks	.240	.241
Agent telegraphers	.222	.252
Station agents	.251	.370
Station masters and assistants	.299	.295
Station service	.187	.191
Yardmasters	.398	.424
Yardmasters' assistants	.367	.325
Yard engineers and motormen	.424	.415
Yard firemen and helpers	.260	.259
Yard conductors	.386	.375
Yard brakemen	.349	.345
Yard switch tenders	.188	.217
Other yard employees	.167	.221
Hostlers	.244	.224
Engine-house watchmen and laborers	.176	.180
Road freight engineers and motormen	.593	.385
Road freight firemen and helpers	.378	.244
Road freight conductors	.494	.354
Road freight brakemen and flagmen	.333	.299
Road passenger engineers and motormen	.805	.351
Road passenger firemen and helpers	.497	.240
Road passenger conductors	.653	.369
Road passenger baggagemen	.360	.219
Road passenger brakemen and flagmen	.376	.324
Other road trainmen	.290	.214
Crossing flagmen and gatemen	.115	.127
Drawbridge operators	.167	.195
Floating-equipment employees	.209	.261
Express-service employees	.166	.214
Policemen and watchmen	.191	.177
All other transportation employees	.202	.221
All other employees	.194	.204
Total	.269	.260

[1] Classes I and II represent steam railroads that earn $100,000 and over per annum and had in operation 222,831.22 miles of line on June 30, 1915.

No. 218.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: NUMBER AND MILEAGE, 1878 TO 1916.

[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.*
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	1,613	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	1,386	40,741,453
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
1916	9	4,439	208,159,689	26	8,355	70,344,855
Total	797	173,980	9,740,993,422	1,040	134,765	7,831,771,639

No. 219.—EXPRESS COMPANIES: CLASSIFICATION OF MILEAGE COVERED BY OPERATIONS, JUNE 30, 1916, COMPARED WITH TOTAL FOR 1915.

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

Company.	Steam road.	Electric line.	Steamboat line.	Stage line.	Total, 1916.	Total, 1915.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Adams Express Co	38,020.96	2,781.42	4,351.00	.....	45,153.38	44,930.22
American Express Co	71,223.07	1,135.53	1,921.25	.....	74,279.85	74,292.79
Canadian Express Co	10,765.93	113.00	1,154.00	17.00	12,049.93	10,249.13
Great Northern Express Co	8,785.49	335.50	717.00	.....	9,837.99	9,582.80
Northern Express Co	7,945.60	14.10	315.00	.....	8,274.70	8,233.03
Southern Express Co	33,986.60	72.00	706.00	.....	34,764.60	34,665.60
Wells, Fargo & Co	77,805.07	4,219.87	24,838.89	665.37	107,529.20	114,692.13
Western Express Co	5,217.32	27.57	4.00	.....	5,248.89	5,232.87
Total	253,750.04	8,698.99	34,007.14	682.37	297,138.54	[1] 301,878.57

[1] Includes 8,266.88 miles of electric lines; 40,703.64 miles of steamboat lines; and 696.18 miles of stage lines.

No. 220.—EXPRESS COMPANIES: Income Account and Profit and Loss Account of Specified Companies, Year Ended June 30, 1916.

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

Item.	Adams Express Co.	American Express Co.[1]	Canadian Express Co.	Great Northern Express Co.	Northern Express Co.	Southern Express Co.	Wells, Fargo & Co.	Western Express Co.	Grand total, 8 companies, 1916.
INCOME ACCOUNT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Charges for transportation	42,400,411	57,619,383	3,882,748	3,384,898	3,049,797	16,504,462	45,434,665	1,431,686	173,708,050
Express privileges—Dr.	20,886,134	28,788,259	1,990,328	2,062,411	1,652,671	8,488,216	23,414,249	688,422	87,970,690
Revenue from transportation	21,514,277	28,831,124	1,892,420	1,322,487	1,397,126	8,016,246	22,020,416	743,264	85,737,360
Revenue from operations other than transportation	583,009	3,150,023	121,628	58,889	47,366	357,401	1,134,903	44,008	5,497,227
Total operating revenues	22,097,286	31,981,147	2,014,048	1,381,376	1,444,492	8,373,647	23,155,319	787,272	91,234,587
Operating expenses	19,918,779	28,150,236	1,698,508	1,080,023	1,081,061	6,637,119	19,847,688	672,470	79,085,884
Net operating revenue	2,178,507	3,830,911	315,540	301,353	363,431	1,736,528	3,307,631	114,802	12,148,703
Uncollectible revenue from transportation	7,113	10,088	530	213	750	1,153	14,043	76	33,966
Express taxes	243,832	540,086	50,945	45,981	62,930	173,137	413,720	13,930	1,544,561
Operating income	1,927,562	3,280,737	264,065	255,159	299,751	1,562,238	2,879,868	100,796	10,570,176
Other income	2,054,034	626,943	.....	2,752	49,612	126,989	1,190,595	3,706	4,054,631
Gross income	3,981,596	3,907,680	264,065	257,911	349,363	1,689,227	4,070,463	104,502	14,624,807
Deductions from gross income	950,439	238,645	.....	1,231	13,846	29,809	49,689	654	1,284,313
Net income	3,031,157	3,669,035	264,065	256,680	335,517	1,659,418	4,020,774	103,848	13,340,494
Dividend appropriations of income	400,000	.....	.....	.....	.....	400,000	1,438,044	.....	2,238,044
Other deductions from net income	.....	.....	.....	.....	.....	.....	.....	.....	.....
Income balance transferred to profit and loss	2,631,157	3,669,035	[2] 264,065	256,680	335,517	1,259,418	2,582,730	103,848	11,102,450
PROFIT AND LOSS ACCOUNT.									
Credit balance on June 30 of the preceding year	7,270,870	6,036,600	.....	397,345	164,403	6,069,442	7,478,401	10,815	27,427,876
Credit balance for the year from income	2,631,157	3,669,035	.....	256,680	335,517	1,259,418	2,582,730	103,848	10,838,385
Dividend appropriations of surplus	100,000	961,895	.....	.....	.....	4,500,000	.....	20,000	5,581,895
Other profit and loss items—credit balance	188,215	−1,414,679	.....	4,032	506	58,505	134,753	365	−1,028,303
Balance credit carried to balance sheet	9,990,242	7,329,061	.....	658,057	500,426	2,887,365	10,195,884	95,028	31,656,063

[1] Statement includes the operations of the National Express Co., such operations being entirely for and on account of the American Express Co.
[2] Income balance turned over to Grand Trunk Railway Co. of Canada.

No. 221.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1901 TO 1915.[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 products.	Live stock.	Coal and coke.	Lumber.	Logs.
St. Louis and Cairo:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
1901	137,954	308	.....	31,981	80,950	94,704	37,600
1902	194,175	3,144	.....	46,458	110,090	130,595	77,089
1903	103,114	585	340	18,010	119,727	120,231	89,662
1904	72,497	471	1,481	16,266	108,955	38,510	65,990
1905	50,441	1,991	912	21,048	131,756	21,143	101,111
1906	28,858	1,177	673	11,542	170,830	10,765	120,113
1907	19,832	1,522	260	11,075	166,360	25,179	49,175
1908	12,589	1,697	765	9,872	190,397	3,882	87,070
1909	21,325	3,129	614	15,184	164,496	19,925	58,040
1910	16,981	972	982	6,581	113,673	5,786	44,555
1911	23,578	1,889	2,871	8,868	165,398	7,732	63,968
1912	12,496	1,251	1,997	5,507	145,227	6,429	37,856
1103	20,179	1,264	1,367	8,199	152,150	10,855	27,536
1914	17,909	1,080	790	5,758	12,492	5,021	60,491
1915	26,962	924	2,400	14,138	13,013	15,092	31,004
Cairo and Memphis:							
1901	103,599	13,647	21,750	1,903	1,359,462	228,493	309,395
1902	91,593	50,315	23,813	536	1,289,830	287,294	386,977
1903	100,222	10,065	10,850	15,040	1,266,378	209,541	430,530
1904	8,782	15,455	12,064	618	1,250,476	192,481	503,465
1905	51,123	9,573	11,069	200	1,328,930	242,070	486,051
1906	4,551	10,903	13,288	.....	1,030,000	254,156	238,464
1907	5,771	11,905	9,276	.....	1,031,154	183,036	464,969
1908	4,321	11,620	16,249	130	920,783	119,256	369,190
1909	11,340	12,489	9,567	3,942	737,761	70,848	305,716
1910	15,669	13,815	8,276	3,780	508,696	72,880	335,662
1911	22,536	14,271	9,142	5,084	1,199,492	41,975	388,320
1912	78,679	11,214	6,493	4,944	881,523	58,775	275,930
1913	21,033	10,187	6,536	4,550	867,262	57,447	175,410
1914	14,562	9,287	6,320	4,075	826,362	27,662	298,658
1915	12,708	30,968	6,980	3,219	981,431	52,661	171,628
Memphis and Vicksburg:							
1901	143,791	49,553	39,855	5,200	1,281,393	55,747	129,286
1902	119,197	55,075	37,175	14,719	1,248,046	124,763	175,409
1903	114,974	31,695	145,988	4,830	1,281,311	80,026	236,521
1904	16,017	87,581	52,757	3,966	1,077,093	76,357	630,226
1905	47,960	66,556	64,699	4,091	1,097,758	128,697	334,499
1906	33,000	64,906	60,525	3,236	842,513	462,486	288,250
1907	21,937	37,843	24,206	7,586	871,034	157,930	373,695
1908	14,069	30,469	33,665	7,023	857,895	104,867	116,743
1909	17,325	20,563	23,287	10,792	632,570	78,116	223,434
1910	20,295	20,770	26,743	11,791	392,561	59,378	187,950
1911	23,147	21,595	21,870	10,891	1,090,856	34,173	412,392
1912	13,050	18,562	16,725	7,495	733,135	34,820	300,607
1913	18,138	17,252	15,130	12,230	763,895	46,536	271,720
1914	16,590	17,213	26,057	11,736	682,104	26,117	153,605
1915	22,414	39,823	20,161	15,355	892,840	52,602	76,965
Vicksburg and New Orleans:							
1901	112,314	71,925	60,936	2,954	1,225,970	37,359	.....
1902	102,544	64,774	80,973	4,814	1,220,057	49,350	52,433
1903	125,236	39,519	53,909	7,337	1,263,372	80,500	212,375
1904	23,878	46,997	63,901	4,858	1,020,500	25,358	133,638
1905	24,062	25,349	39,454	3,945	1,080,075	33,203	233,388
1906	24,298	53,269	25,224	3,358	832,410	67,720	184,591
1907	31,532	38,262	73,242	2,834	850,200	45,764	167,607
1908	34,272	30,207	35,620	3,111	801,596	19,243	169,974
1909	34,794	10,599	17,103	2,105	607,383	31,501	242,574
1910	28,470	6,578	10,339	1,846	364,559	14,903	71,538
1911	33,092	7,572	14,347	5,313	1,093,371	36,743	18,869
1912	31,551	4,325	5,486	3,654	748,609	68,454	46,572
1913	30,942	8,210	15,943	3,953	725,319	74,649	6,043
1914	23,053	8,345	12,738	2,550	669,589	19,880	122,619
1915	94,350	8,315	9,622	3,546	895,420	31,658	53,033

[illegible] as a separate river, and tonnage carried between ports on different stretches [illegible] of all intervening stretches; consequently the sum of the tonnage carried in [illegible] represent the total traffic on the river as a whole.

No. 221.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1901 TO 1915—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	386,486
1905	135	18,958	.....	.....	69,526	417,021
1906	325	7,779	37,800	.....	68,154	458,016
1907	739	2,100	1,000	.....	55,025	332,267
1908	15,925	12,156	14,550	.....	40,454	389,357
1909	4,999	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
1915	20,214	11,932	668,471	21,857	73,165	809,232
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	1,550,659
1909	34,835	13,160	16,830	2	15,603	1,232,093
1910	20,828	17,211	21,481	.....	20,897	1,039,195
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
1915	33,941	15,572	826,460	7,852	49,606	2,193,026
Memphis and Vicksburg:						
1901	32,851	74,221	.....	.....	44,442	1,856,339
1902	51,052	47,289	.....	.....	67,301	1,940,026
1903	44,369	31,191	10,000	.....	34,317	2,018,222
1904	16,246	28,739	19,000	.....	32,016	2,040,598
1905	16,409	30,471	19,336	.....	45,354	1,855,830
1906	35,898	32,507	491,458	.....	41,122	2,355,901
1907	22,278	27,646	72,660	4,234	40,357	1,661,406
1908	21,783	10,800	25,540	4,781	24,582	1,252,222
1909	10,949	25,971	541	2,746	24,743	1,071,037
1910	15,421	34,560	186,516	2,222	22,179	980,386
1911	11,130	24,199	228,303	2,025	30,273	1,910,854
1912	7,501	20,852	216,468	407	25,167	1,394,789
1913	9,662	20,092	331,812	671	35,318	1,542,456
1914	8,441	28,921	869,932	9,097	38,581	1,888,394
1915	24,831	45,860	892,940	38,579	76,444	2,198,814
Vicksburg and New Orleans:						
1901	31,272	154,877	.....	.....	137,557	1,835,174
1902	51,714	193,099	.....	.....	399,500	2,159,258
1903	52,891	157,540	27,983	.....	187,930	2,207,692
1904	116,371	118,458	377,415	.....	186,466	2,117,840
1905	24,062	86,833	526,852	.....	382,932	2,462,974
1906	29,928	77,839	858,572	.....	397,127	2,554,336
1907	16,235	60,042	926,445	219,075	154,039	2,585,277
1908	20,333	100,005	321,498	261,869	70,184	1,867,912
1909	10,264	60,659	770,941	233,191	83,606	2,104,720
1910	9,707	58,941	657,656	223,984	81,709	1,530,230
1911	7,246	98,200	625,259	423,446	62,918	2,426,376
1912	8,209	101,372	264,000	419,658	105,850	1,807,740
1913	7,696	108,979	236,532	1,128,677	70,916	2,417,859
1914	7,577	65,166	392,838	956,784	62,484	2,343,623
1915	17,331	241,736	497,313	705,006	156,692	2,712,022

[1] Included under "Miscellaneous and unclassified" prior to 1907.

No. 222.—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: 1875 TO 1916.

[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.*
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	$6\frac{5}{16}$	1900	4.42	5.05	[3] 9.98	$3\frac{1}{8}$
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	$3\frac{1}{8}$	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	$2\frac{1}{4}$	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	$1\frac{5}{8}$
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	$2\frac{3}{4}$	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	$13\frac{1}{4}$
1895	4.11	6.95	12.17	$2\frac{9}{16}$	1916	7.95	9.55	[3] 10.08	$18\frac{1}{4}$

[1] Includes canal tolls prior to 1883, but not Buffalo transfer charges.
[2] Averages based upon official [illegible] tal rates lower.
[3] For domestic consumption; [illegible] 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, 7.80 cents in 1910 to 1914, and 8.22 cents in 1915 and 1916.

No. 223.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK AND ELEVATING AND STORAGE RATES AT BUFFALO: 1885 TO 1916.

[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.*
1885	3.8	0.875	1901	3.5	0.500
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
1900	2.5	.500	1916	5.0	.500

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

No. 224.—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 1906 TO 1916.[1]

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

Shipped to—	Article.	1906	1907	1908	1909	1910	1911	1912	1913	1915	1916
		Dolls.	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*
Liverpool	Grain	0.1875	0.1922	0.1901	0.1898	0.1815	0.1979	0.2561	0.2339	0.5968	0.5017
Do	Sacked flour	.2050	.2125	.2075	.2072	.1975	.2302	.2900	.3000	.6250	.8530
Do	Provisions	.4100	.4085	.4257	.4538	.4538	.4538	.4819	.5100	1.0600	1.7750
Glasgow	Grain	.1925	.1967	.1863	.1800	.1591	.2000	.2100	.2292	.5813	.4880
Do	Sacked flour	.2360	.2391	.2200	.2100	.2150	.2500	.3000	.3200	.6980	.8580
Do	Provisions	.4563	.4688	.4688	.4688	.4688	.4688	.5250	.5531	1.0009	1.7750
London	Grain	.1925	.2054	.1946	.1817	.1775	.2092	.2630	.2433	.5443	.4992
Do	Sacked flour	.2250	.2363	.2316	.2150	.2200	.2525	.2922	.3050	.6825	.8580
Do	Provisions	.4626	.4626	.4626	.4746	.4762	.4762	.5045	.5100	1.0388	1.7750
Antwerp	Grain	.....	.....	.....	.....	.1805	.2026	.2550	.2462	.....	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.2700	.3370	.3560	.....	.....
Do	Provisions	.4761	.4556	.4959	.4942	.4944	.4944	.5235	.5522	.....	.....
Hamburg	Grain	.....	.....	.....	.....	.....	.....	.....	.2616	.....	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.2770	.4500	.3700	.....	.....
Do	Provisions	.4900	.4600	.4949	.4909	.5000	.5000	.6200	.5533	.....	.....
Amsterdam	Grain	.....	.....	.....	.....	.....	.2100	.3250	.2507	.....	.....
Do	Sacked flour	.....	.....	.....	.....	.....	.2400	.3550	.3000	.....	.....
Do	Provisions	.4600	.4500	.4500	.4800	.4800	.4900	.6100	.5400	.....	.....
Rotterdam	Grain	.....	.....	.....	.....	.....	.2000	.3200	.2507	.6943	.6143
Do	Sacked flour	.....	.....	.....	.....	.....	.2300	.3550	.2900	.8333	.8675
Do	Provisions	.4600	.4500	.4500	.4700	.4700	.4800	.6000	.5300	.....	1.7180
Copenhagen	Sacked flour	.....	.....	.....	.....	.....	.3100	.4800	.4000	.....	.8875
Do	Provisions	.5100	.5100	.5396	.5531	.5531	.5697	.7129	.6943	.....	1.7650
Stockholm	Sacked flour	.....	.....	.....	.....	.....	.3600	.5200	.4300	.....	.....
Do	Provisions	.5350	.5300	.5466	.5672	.5672	.5978	.7499	.7314	.....	.....
Stettin	Sacked flour	.....	.....	.....	.....	.....	.3100	.4900	.3900	.....	.....
Do	Provisions	.5000	.4900	.5185	.5391	.5391	.5556	.6987	.6801	.....	.....
Bordeaux	do	.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; [illegible] ter the beginning of hostilities, created a tremendous demand for [illegible] level known to this generation of shippers. Complete statements [illegible] therefore impossible.

No. 225.—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	15.33
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])
1916	.....	.....	19.80	43.87	.....	([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 and 1916 are not available.

No. 226.—CATTLE, HOGS, AND SHEEP: Receipts at Twelve Principal Western Markets, 1891 to 1916.

[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..	2,738,313	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	980,803	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..	3,193,306	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	4,736,558	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	1,223,583	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
1916..	3,249,800	9,188,224	4,291,024	2,331,467	2,977,933	1,758,175	1,434,304	3,116,820	3,170,908

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..	50,365	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	383,698
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	818,437
1906..	606,187	1,908,207	826,764	1,314,826	2,411,191	650,784	486,664	860,810	735,259
1907..	616,232	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	1,133,412	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	1,356,232	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	910,733	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	1,589,630	794,739
1915..	441,471	1,697,842	877,930	991,709	2,591,768	648,141	855,589	2,155,201	704,119
1916..	479,946	2,198,751	804,326	1,200,330	3,067,414	670,838	941,125	2,674,547	623,214

[1] Cattle only.

No. 226.—Cattle, Hogs, and Sheep: Receipts at Twelve Principal Western Markets, 1891 to 1916—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	1,298,665	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....	487,237	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	953,954	386,644	[2]88,755	562,373	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
1916....	601,667	2,131,113	320,537	352,040	1,260,118	332,241	118,601	692,319	225,042

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	135,253	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	31,628	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	417,375	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....	442,738	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
1916....	601,460	466,653	1,409,009	405,069	2,575,611	98,142	220,133	572,679	20,875

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

No. 227.—GRAIN RECEIVED:[1] BY SPECIFIED PORTS, CALENDAR YEARS 1902 TO 1916.

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

Port.[2]	1902	1903	1904	1905	1906
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	11,900,350	12,900,100	9,649,880	9,804,675	11,769,800
Coastwise and river	1,250,485	739,807	1,319,632	755,567	244,815
By rail	101,776,989	111,429,639	81,196,902	111,787,340	107,618,105
Total	114,927,824	125,069,546	92,166,414	122,347,582	119,632,720
Portland, Me	20,758,275	23,964,852	15,940,114	17,723,683	19,184,965
Boston	30,612,925	31,072,197	24,374,770	32,445,637	35,136,397
Philadelphia	39,443,630	39,121,220	26,281,337	36,066,919	48,535,326
Baltimore	43,455,137	52,688,479	27,650,511	42,225,063	52,329,118
New Orleans	25,101,855	30,478,858	11,027,673	31,007,764	33,705,168
Grand total	274,299,646	302,395,152	197,440,819	281,816,648	308,523,694
Montreal, Canada	30,461,948	36,967,271	24,228,608	31,804,504	31,965,187

Port.[2]	1907	1908	1909	1910	1911
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	9,558,500	7,228,000	9,676,000	11,000,700	7,895,000
Coastwise and river	254,613	957,259	1,863,504	441,588	3,913,254
By rail	112,397,811	95,532,736	82,895,110	86,635,278	107,411,728
Total	122,210,924	103,717,995	94,434,614	98,077,566	119,219,982
Portland, Me.[3]	25,061,918	.....	.....	.....	.....
Boston	37,776,856	24,637,968	25,968,955	22,451,292	28,904,930
Philadelphia	53,918,914	44,614,736	35,126,455	30,120,980	41,195,845
Baltimore	51,274,138	40,329,270	31,654,690	32,861,922	42,123,546
New Orleans	22,444,681	17,737,501	17,127,626	16,213,444	15,919,182
Grand total	312,687,431	231,037,470	204,312,340	199,725,204	247,363,485
Montreal, Canada	42,954,386	41,006,738	43,551,119	45,427,290	49,325,297

Port.[2]	1912	1913	1914	1915	1916
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	3,530,600	4,371,700	5,803,900	3,841,000	1,839,000
Coastwise and river	4,268,675	3,904,292	11,333,344	7,291,638	10,179,449
By rail	122,371,905	131,768,203	142,127,622	214,753,963	220,993,650
Total	130,171,180	140,044,195	159,264,866	225,886,601	233,012,099
Portland, Me.[3]	.....	.....	.....	.....	.....
Boston	31,846,400	42,046,105	26,033,229	28,132,085	42,788,468
Philadelphia	43,423,348	47,496,548	49,009,621	70,765,806	73,610,091
Baltimore	55,010,887	68,754,883	68,909,106	106,124,331	143,464,462
New Orleans	21,530,971	30,757,892	53,061,500	56,774,000	48,268,000
Grand total	281,982,786	329,099,623	356,278,322	487,682,823	541,143,120
Montreal, Canada	59,393,707	66,078,237	99,054,293	68,231,647	107,784,890

[1] Grain embraces wheat fl[illegible] orn, rye, oats, barley, malt, and peas.
[2] Receipts at New York, [illegible] d Baltimore i[illegible] the West to foreign countri[illegible] ills of lading. [illegible] ceipts at [illegible] of wheat received in grain.

No. 228.—SHIPMENTS OF ANTHRACITE COAL: CALENDAR YEARS 1905, 1910, AND 1913 TO 1916.

[Source: The Coal Trade.]

Railroad.	1905	1910	1913	1914	1915	1916
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Philadelphia & Reading	12,574,502	12,445,733	12,914,887	11,998,779	11,488,444	12,842,731
Lehigh Valley	10,072,120	11,195,765	13,011,370	13,136,759	12,932,526	12,056,078
Central of New Jersey	7,983,274	8,519,135	9,092,433	8,924,936	8,017,816	7,136,544
Delaware, Lackawanna & Western	9,554,046	9,589,076	9,903,541	9,912,578	9,579,053	10,638,500
Delaware & Hudson	4,890,635	6,578,356	7,094,258	7,313,514	8,016,988	7,095,297
Pennsylvania	6,225,622	6,250,976	6,351,756	6,434,937	6,124,596	5,841,475
Erie	5,640,528	7,554,198	8,192,352	8,268,585	7,874,062	7,715,089
New York, Ontario & Western	2,864,096	2,772,547	2,509,031	2,352,486	2,088,577	1,945,030
Delaware, Susquehanna & Schuylkill	1,605,378	(1)	(1)	(1)	(1)	(1)
Louisville & Northeastern	.....	.....	.....	.....	1,761,714	2,654,964
Total, 10 roads	61,410,201	64,905,786	[3]69,069,628	[4]68,342,601	67,883,776	67,926,708

[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.

No. 229.—MOVEMENTS OF COAL AND COKE OVER SPECIFIED RAILROADS: CALENDAR YEARS 1913 TO 1916.

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

BITUMINOUS COAL.

Railroad.	1913	1914	1915	1916
	Short tons.	*Short tons.*	*Short tons.*	*Short tons.*
Baltimore & Ohio [1]	36,915,385	32,554,359	35,930,206	35,354,489
Buffalo, Rochester & Pittsburgh [1, 2]	9,723,992	8,059,756	8,511,316	9,450,671
Buffalo & Susquehanna [1, 2]	1,787,551	1,190,181	1,277,438	1,517,784
Chesapeake & Ohio [1]	17,155,233	20,663,520	24,038,298	26,731,383
Erie	[3] 350,590	[3] 75,818	[1, 2] 10,357,805	8,636,186
Huntingdon & Broad Top Mountain [1, 2]	1,352,721	1,036,658	1,111,652	1,205,077
New York Central & Hudson River [3]	9,220,689	8,120,210	9,406,850	7,713,118
Norfolk & Western [1, 2]	23,892,469	25,471,969	29,728,206	30,749,390
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	51,526,267	47,769,227	49,584,802	48,167,136
Pittsburgh & Lake Erie [1, 2]	12,783,389	10,703,478	11,046,893	11,528,401
Pittsburg, Shawmut & Northern [1, 2]	2,799,308	2,359,807	2,646,819	2,789,752
Southern [3]	4,215,614	3,904,503	3,446,042	4,065,622
Virginian [1, 2]	4,556,331	3,954,310	4,128,940	5,509,155
Western Maryland	2,953,601	3,069,708	6,807,474	8,654,099
Total, 14 roads	179,232,140	168,933,504	198,022,741	202,072,263

COKE.

Baltimore & Ohio [1]	4,281,240	3,202,381	3,792,125	4,345,521
Buffalo, Rochester & Pittsburgh [1, 2]	500,230	302,996	483,601	537,129
Buffalo & Susquehanna [1, 2]	301,475	447,354	579,944	454,127
Chesapeake & Ohio [1]	361,535	298,632	303,984	550,163
Erie	.....	.....	[1] 1,099,213	1,126,656
Huntingdon & Broad Top Mountain	(4)	[5] 9,635	[5] 53,489	71,839
New York Central & Hudson River [2]	36,207	.....	.....	.....
Norfolk & Western [1, 2]	1,530,384	1,018,611	990,296	2,048,314
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	13,892,825	9,548,354	12,020,472	14,257,911
Pittsburgh & Lake Erie [1, 2]	6,710,138	4,839,185	6,198,316	7,764,578
Pittsburg, Shawmut & Northern [1, 2]	9,383	.....	25	70
Western Maryland	73,346	59,646	[1] 281,441	242,518
Total, 12 roads	27,696,763	19,726,794	25,802,906	31,398,826

[1] Includes amounts from connecting lines.
[2] [illegible] coal hauled free.
[4] No data received.
[5] Six months, July to December.

No. 230.—SAULT STE. MARIE CANALS: Analysis of Traffic Statistics, Seasons 1893 to 1916.

[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.*
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	10,798,810	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	24,953,314	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	36,666,389	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	53,649,833	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	60,242,883,004	.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
1916	91,888,219	87,108,550	95	824.0	75,717,393,310	.80	60,845,023	974,161,156	129,170,500	15,757,700	6.0

MERCHANT MARINE AND SHIPPING.

No. 231.—MERCHANT MARINE OF THE UNITED STATES: TONNAGE OF SAILING, STEAM, AND GAS VESSELS, 1888 TO 1916.

[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.		Gas vessels.[2]		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
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	6,952	5,781,416	8,996	162,394	26,701	8,389,429
1916	10,383	2,399,586	6,824	5,895,095	9,237	174,968	26,444	8,469,649

[1] Including canal boats and barges. [2] Included in steam vessels prior to 1915.

No. 232.—TONNAGE OWNED ON THE ATLANTIC AND GULF COASTS, THE PACIFIC COAST, AND THE NORTHERN LAKES AND WESTERN RIVERS: 1898 TO 1916.

[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.*
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
1903	3,157,373	812,179	1,902,698	215,095	6,087,345
1904	3,252,366	806,577	2,019,208	213,384	6,291,535
1905	3,398,367	821,710	2,062,147	174,319	6,456,543
1906	3,432,545	840,035	2,234,432	167,957	6,674,969
1907	3,440,697	886,840	2,439,741	171,516	6,938,794
1908	3,506,551	962,214	2,729,169	167,411	7,365,445
1909	3,509,134	934,477	2,782,481	162,663	7,388,755
1910	3,522,673	986,591	2,895,102	153,716	7,508,082
1911	3,570,138	973,605	2,943,523	151,524	7,638,790
1912	3,633,466	984,813	2,949,924	145,980	7,714,183
1913	3,751,128	1,049,296	2,939,786	146,551	7,886,551
1914	3,803,354	1,100,976	2,882,922	141,436	7,928,688
1915	4,309,996	1,122,620	2,818,009	138,804	8,389,429
1916	4,443,024	1,131,058	2,760,815	134,752	8,469,649

[1] Including Porto Rico since 1901. [2] Including Hawaii since 1900.

No. 233.—TONNAGE OF THE SAILING, STEAM, AND GAS VESSELS OF THE MERCHANT MARINE OF THE UNITED STATES: EMPLOYED IN THE FOREIGN AND COASTWISE TRADE AND IN THE FISHERIES, 1892 TO 1916.

[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.	Gas and steam.[1]	Total.		
	Gr. tons.	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Gr. tons.*	*Per ct.*
1892..	225,437	977,624	1,845,518	3,700,773	3,462	.....			4,764,921	+1.71
1893..	257,147	883,199	1,922,169	3,854,693	3,956	. . .	. . .	.	4,825,071	+1.26
1894..	261,755	899,698	1,923,339	3,696,276	4,336	. . .	...	.	4,684,029	−2.90
1895..	247,387	822,347	1,960,756	3,728,714	4,658	15,839	.....	69,060	4,635,960	−1.03
1896..	260,224	829,833	2,042,326	3,790,296	4,658	15,121	.....	68,630	4,703,880	+1.47
1897..	253,816	792,870	2,100,084	3,896,826	4,658	12,714	.....	66,610	4,769,020	+1.38
1898..	290,241	726,213	2,077,859	3,959,702	3,823	11,496	.....	52,327	4,749,738	− .40
1899..	355,913	837,229	2,115,981	3,965,313	4,117	11,017	.....	50,679	4,864,238	+2.41
1900..	337,356	816,795	2,289,825	4,286,516	3,986	9,899	.....	51,629	5,164,839	+6.18
1901..	426,259	879,595	2,491,231	4,582,645	3,463	9,534	.....	52,444	5,524,218	+6.96
1902..	455,017	873,235	2,718,049	4,858,714	3,808	9,320	.....	56,633	5,797,902	+4.95
1903..	523,602	879,264	2,880,678	5,141,037	3,808	9,512	.....	57,532	6,087,345	+4.99
1904..	549,938	888,628	3,041,262	5,335,164	4,218	10,140	.....	57,603	6,291,535	+3.35
1905..	596,644	943,750	3,140,314	5,441,688	4,536	10,763	.....	60,342	6,456,543	+2.62
1906..	586,749	928,466	3,384,002	5,674,044	4,536	11,020	.....	61,439	6,674,969	+3.38
1907..	598,155	861,466	3,664,210	6,010,601	3,970	9,680	13,033	57,047	6,938,794	+3.95
1908..	595,147	930,413	4,099,045	6,371,862	3,590	9,655	13,392	53,515	7,365,445	+6.15
1909..	575,226	878,523	4,157,557	6,451,042	3,300	8,982	13,141	50,208	7,388,755	+ .32
1910..	553,468	782,517	4,330,896	6,668,966	3,509	9,308	12,488	47,291	7,508,082	+1.61
1911..	582,186	863,495	4,505,567	6,720,313	3,544	9,176	13,369	45,806	7,638,790	+1.74
1912..	616,053	923,225	4,543,276	6,737,046	3,653	8,876	16,876	45,036	7,714,183	+ .99
1913..	667,896	1,019,165	4,646,741	6,817,013	3,252	8,611	17,573	41,762	7,886,551	+2.23
1914..	720,609	1,066,288	4,688,240	6,818,363	4,265	9,864	8,260	26,700	7,928,688	+2.23
1915..	1,346,164	1,862,714	4,578,567	6,486,384	3,682	8,829	15,397	31,502	8,389,429	+5.81
1916..	1,573,705	2,185,008	4,315,579	6,244,550	1,789	6,707	10,731	33,384	8,469,649	+ .95

[1] Not separately stated prior to 1907.

No. 234.—VESSELS BUILT IN THE UNITED STATES: CLASS, NUMBER, AND GROSS TONNAGE, 1892 TO 1916.

[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.		Gas vessels.[1]		Canal boats.		Barges.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1892.....	846	83,217	438	92,531	.....	.....	37	4,580	74	19,305	1,395	199,633
1893.....	493	49,348	380	134,368	.....	.....	28	3,791	55	24,132	956	211,639
1894.....	477	37,827	293	83,720	.....	.....	14	1,522	54	8,126	838	131,195
1895.....	397	34,900	248	69,754	.....	.....	11	1,225	38	5,723	694	111,602
1896.....	369	65,236	286	138,028	.....	.....	13	1,495	55	22,337	723	227,096
1897.....	338	64,308	288	106,153	.....	.....	70	10,216	195	51,555	891	232,232
1898.....	359	34,416	394	105,838	.....	.....	20	12,386	179	37,818	952	180,458
1899.....	420	98,073	439	151,058	.....	.....	13	11,411	401	49,496	1,273	300,038
1900.....	504	116,460	422	202,528	.....	.....	38	4,492	483	40,310	1,447	393,790
1901.....	526	126,165	506	273,591	.....	.....	79	9,078	469	74,655	1,580	483,489
1902.....	581	97,698	579	308,178	.....	.....	44	4,539	287	58,416	1,491	468,831
1903.....	470	89,979	551	271,781	.....	.....	19	2,215	271	72,177	1,311	436,152
1904.....	330	64,908	613	255,744	.....	.....	25	2,753	216	55,137	1,184	378,542
1905.....	310	79,418	560	197,702	.....	.....	30	3,248	202	49,948	1,102	330,316
1906.....	229	35,209	650	315,707	.....	.....	83	8,832	259	58,997	1,221	418,745
1907.....	147	24,907	674	365,405	.....	.....	62	6,577	274	74,443	1,157	471,332
1908.....	134	31,981	923	481,624	.....	.....	46	4,970	354	95,641	1,457	614,216
1909.....	141	28,950	821	148,208	.....	.....	21	2,292	264	58,640	1,247	238,090
1910.....	127	19,358	936	257,993	.....	.....	50	5,720	248	58,997	1,361	342,068
1911.....	82	10,092	969	227,231	.....	.....	51	5,862	320	47,977	1,422	291,162
1912.....	95	21,221	1,051	153,493	.....	.....	27	2,978	332	54,977	1,505	232,669
1913.....	72	28,610	1,004	243,408	.....	.....	39	4,641	360	69,496	1,475	346,155
1914.....	51	13,749	778	224,225	.....	.....	25	2,558	297	75,718	1,151	316,250
1915.....	51	8,021	140	141,864	611	13,126	40	4,457	315	57,654	1,157	225,122
1916.....	34	14,765	129	237,836	495	12,289	21	2,551	258	57,972	937	325,413

[1] Included in steam vessels prior to 1915.

No. 235.—VESSELS BUILT IN THE SEVERAL SECTIONS OF THE UNITED STATES: NUMBER AND TONNAGE, 1896 TO 1916.

[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
1916	62	37,568	609	238,181	140	4,973	126	44,691	937	325,413

No. 236.—VESSELS BUILT: NUMBER AND TONNAGE OF IRON AND STEEL SAILING VESSELS, STEAM VESSELS, GAS VESSELS, AND BARGES BUILT IN THE UNITED STATES, 1896 TO 1916.

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

Year ended June 30—	Sailing vessels.		Steam vessels.		Gas vessels.[1]		Barges.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
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	333,516	.....	.....	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	.....	.....	54	127,597	9	1,427	8	1,858	71	130,882
1916	.....	.....	69	232,524	9	2,473	17	3,775	95	238,772

[1] Included in steam vessels prior to 1915.

No. 237.—PANAMA CANAL: Operation and Maintenance, Years Ended June 30, 1914 to 1916.

[Source: The Panama Canal Record.]

	1914	1915	1916	Total.
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*
Civil government	5,940.58	229,624.06	513,072.82	748,637.46
Health department	10,697.69	247,352.91	483,707.17	741,757.77
Administration	16,839.75	903,428.56	1,452,810.83	2,373,079.14
OPERATION AND MAINTENANCE.				
Admeasurement of vessels	740.71	9,926.54	7,905.40	18,572.65
Local inspection	752.10	3,926.98	4,075.36	8,754.44
Aids to navigation	812.12	48,059.59	58,848.34	107,720.05
Pilotage	263.42	61,513.50	41,342.29	103,119.21
Damages to vessels	.....	2,417.07	1,736.61	4,153.68
Maintenance of transportation tracks	.....	37,171.63	25,602.63	62,774.26
Operation of locks	4,274.16	.....	.....	4,274.16
Gatun Locks:				
Superintendence	.....	17,398.37	12,970.82	30,369.19
Operation	.....	101,494.91	80,991.61	182,486.52
Maintenance—				
Operating machinery and equipment	49,625.49	35,430.88	26,653.06	111,709.43
And care of emergency dams	2,496.60	12,478.11	7,732.63	22,707.34
Gates	404.18	3,221.97	56,380.25	60,006.40
Valves	.....	785.28	20,956.09	21,741.37
Towing-truck system	1,779.72	6,672.71	6,311.51	14,763.94
Towing locomotives, lines, and hawsers	.....	14,804.94	18,518.56	33,323.50
Lighting and telephone system	.....	2,760.35	3,061.77	5,822.12
Power control and lighting cables	.....	343.51	459.26	802.77
Structures	.....	25,722.17	6,624.49	32,346.66
Back fill	.....	6,382.96	9,506.22	15,889.18
Miscellaneous supplies and expenses	.....	2,718.52	2,079.37	4,797.89
Gatun spillway:				
Operation	.....	1,128.50	860.06	1,988.56
Maintenance—				
Operating machinery and equipment	1,719.67	1,237.70	3,157.55	6,114.92
Gates and caissons	951.24	3,663.40	1,888.50	6,503.14
Structures	.....	6,082.60	11,226.34	17,308.94
Gatun Dam—maintenance	315.10	48,458.19	20,230.04	69,003.33
Pedro Miguel Locks:				
Superintendence	.....	14,921.07	16,369.88	31,290.95
Operation	.....	78,964.47	49,356.32	128,320.79
Maintenance—				
[illegible] and equipment	19,444.89	23,245.85	24,075.51	66,766.25
[illegible] dams	2,449.53	6,914.46	9,267.78	18,631.77
Gates	407.92	1,941.63	3,575.47	5,925.02
Valves	.....	243.22	6,424.59	6,667.81
Towing-track system	217.35	448.54	2,228.56	2,894.45
Towing locomotives, lines, and hawsers	.....	9,808.40	11,869.82	21,678.22
Lighting and telephone system	.....	2,489.34	4,828.08	7,317.42
Power control and lighting cables	.....	884.00	12.58	896.58
Structures	.....	9,584.95	8,710.93	18,295.88
Back fill	114.86	15,800.96	7,150.09	23,065.91
Miscellaneous supplies and expenses	.....	1,952.18	2,770.80	4,722.98
Pedro Miguel Dam—maintenance	.....	42.00	91.59	133.59
Miraflores Locks:				
Superintendence	.....	17,323.13	17,577.33	34,900.46
Operation	.....	102,239.26	67,258.16	169,497.42
Maintenance—				
Operating machinery and equipment	19,327.72	17,163.70	22,492.96	58,984.38
And care of emergency dams	1,824.31	7,497.89	7,675.36	16,997.56
Gates	1,696.38	24,550.93	24,985.05	51,232.36
Valves	.....	10,616.75	26,343.99	36,960.74
Towing-track system	86.54	1,045.17	2,960.49	4,092.20
Towing locomotives, lines, and hawsers	.....	7,711.81	10,995.76	18,707.57
Lighting and telephone system	.....	2,187.47	5,520.04	7,707.51
Power control and lighting cables	.....	135.48	615.07	750.55
Structures	.....	11,591.96	9,492.12	21,084.08
Back fill	.....	12,659.01	3,541.05	16,200.06
Miscellaneous supplies and expenses	.....	3,324.44	3,243.11	6,567.55
Miraflores Dam and spillway:				
Operation	.....	696.95	431.95	1,128.90
Maintenance—				
Operating machinery and equipment	560.75	5,104.84	1,788.97	7,454.56
Gates and caissons	143.52	3,118.43	162.98	3,424.93
Structures	151.78	755.23	750.81	1,657.82
Miraflores west dam—maintenance	.....	377.17	347.72	724.89
Dredging:				
Atlantic entrance	.....	125,563.30	26,478.35	152,041.65
Gaillard Cut	.....	1,633,030.06	3,513,350.06	5,146,380.12
Miraflores Lake	.....	2,253.44	.....	2,253.44
Pacific entrance	.....	8,628.79	20,187.63	28,816.42

No. 237.—PANAMA CANAL: Operation and Maintenance, Years Ended June 30, 1914 to 1916—Continued.

	1914	1915	1916	Total.
OPERATION AND MAINTENANCE—continued.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Maintenance—Gatun Lake	16,570.44	14,488.51	20,372.17	51,431.12
Gatun-Mindi levee—maintenance	.....	26,939.54	1,772.05	28,711.59
Colon west breakwater—maintenance	.....	134.54	41,328.32	41,462.86
Naos Island breakwater—maintenance	.....	4,492.21	58.45	4,550.66
Operation of harbor tugs	.....	2,491.77	42,720.58	45,212.35
Operation of floating derricks	.....	.....	101,858.04	101,858.04
Shop expense, Balboa balance	.....	19,158.55	.....	19,158.55
Loss on sales and services to outsiders	5,422.39	56,400.78	.....	61,823.17
Total	166,030.91	4,123,128.09	6,999,750.15	11,288,909.15
Revenues:				
Tolls	14,618.68	4,343,383.69	2,399,830.42	6,757,832.79
Profit on sales and services to outsiders	.....	.....	11,898.44	11,898.44
Total revenues	14,618.68	4,343,383.69	2,411,728.86	6,769,731.23
Expenses in excess of revenues	151,412.23	.....	4,588,021.29	4,519,177.92
Revenues in excess of expenses	.....	220,255.60	.....	.....

No. 238.—PANAMA CANAL: Summary of Traffic, August, 1914, to December, 1916.

[Source: The Panama Canal Record.]

Month.	Atlantic to Pacific.			Pacific to Atlantic.			Total.			Total tolls earned.
	Vessels.	Canal tons, net.	Cargo tons.	Vessels.	Canal tons, net.	Cargo tons.	Vessels.	Canal tons, net.	Cargo tons.	
										Dollars.
Total, 1914	181	647,588	744,682	176	657,690	1,009,252	357	1,305,278	1,753,954	[1]1,520,082
1915.										
January	44	169,228	208,082	54	177,984	240,925	98	347,212	449,007	398,601
February	38	149,339	150,987	53	175,523	276,078	91	324,862	427,065	383,905
March	57	187,568	217,447	80	288,416	417,610	137	475,984	635,057	551,093
April	59	199,213	237,384	60	205,326	285,457	119	404,539	522,841	442,415
May	67	240,098	246,534	75	252,252	332,174	142	492,350	578,708	522,677
June	83	296,694	320,619	60	201,116	282,561	143	497,810	603,180	539,229
July	93	297,329	316,773	77	250,041	388,696	170	547,370	705,469	573,366
August	89	288,194	249,119	72	236,857	326,218	161	525,051	575,337	496,792
September [2]	49	166,751	181,380	51	178,619	274,937	100	345,370	456,317	348,730
December	3	851	671	6	8,957	12,908	9	9,808	13,579	10,836
Total, 1915	582	1,995,265	2,128,996	588	1,975,091	2,837,564	1,170	3,970,356	4,966,560	4,268,402
1916.										
January	.....	.....	.....	2	600	550	2	600	550	654
February	4	694	1,100	1	1,790	.....	5	2,484	1,100	834
March	2	387	.....	5	11,605	7,000	7	11,808	7,000	419
April	32	142,642	144,133	48	140,306	224,620	80	242,684	368,753	235,618
May	69	311,881	248,289	60	179,070	245,861	129	394,543	494,150	368,023
June	70	338,108	292,771	54	163,686	225,020	124	400,044	517,791	363,799
July	76	369,678	296,094	73	228,437	352,863	149	488,958	648,957	464,585
August	77	372,042	246,149	65	203,340	270,672	142	464,978	516,821	417,070
September	69	316,815	224,661	85	294,580	437,509	154	513,978	662,170	493,603
October	74	317,826	231,016	84	272,164	416,877	158	493,774	647,893	465,949
November	72	314,179	198,718	76	215,398	320,325	148	436,204	519,043	420,114
December	82	362,154	241,987	73	222,633	305,696	155	483,814	547,683	447,016
Total, 1916	627	2,000,260	2,124,918	626	1,933,609	2,806,993	1,253	3,933,869	4,931,911	3,677,095
Grand total	1,390	4,643,113	4,998,596	1,390	4,566,390	6,653,809	2,780	9,209,503	11,652,405	9,466,179

[1] Includes $44,434 on b[illegible]

[2] The canal was practic[illegible] to Apr. 15, 1916, on account of slides. During that time a few small vessels [illegible]

No. 239.—PANAMA CANAL: Nationality of Vessels Passing Through the Canal, August, 1914, to December, 1916.

[Source: The Panama Canal Record.]

ATLANTIC TO PACIFIC.

Month.	United States.	British.	Chilean.	Danish.	Dutch.	French.	Honduran.	Italian.	Japanese.	Nicaraguan.	Norwegian.	Panaman.	Peruvian.	Russian.	Swedish.	Costa Rican.	Spanish.	Cuban.	Mexican.	Total.
Total, 1914.	85	84	2	2	2	....	....	....	1	1	2	....	2	....	....	....	....	....	....	181
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
December	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Total, 1915.	216	252	21	13	10	2	3	2	12	....	24	5	6	5	12	....	....	....	....	583
1916.																				
January	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
February	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4
March	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	2
April	12	13	1	2	....	....	....	....	3	....	....	....	1	....	....	....	....	....	....	32
May	13	36	4	....	1	....	....	....	4	....	5	....	5	1	....	....	....	....	....	69
June	16	33	4	4	3	....	....	....	3	....	4	....	3	....	....	....	....	....	....	70
July	10	37	4	3	....	1	....	....	8	....	5	1	6	....	1	....	....	....	....	76
August	13	39	6	2	3	....	....	....	4	....	5	....	4	....	1	....	....	....	....	77
September	13	32	3	1	2	....	....	1	4	....	6	....	3	....	1	1	2	....	....	69
October	14	31	4	1	3	1	....	....	9	....	4	....	4	....	....	1	1	1	....	74
November	15	32	4	1	5	....	....	....	2	....	6	....	3	....	1	1	1	....	1	72
December	19	35	4	3	3	....	....	....	3	....	6	....	3	....	1	2	2	1	....	82
Total, 1916.	130	288	34	17	20	2	....	1	40	....	41	1	35	1	5	5	6	2	1	627
Grand total	431	624	57	32	32	4	3	3	53	1	67	6	41	6	17	5	6	2	1	1,391

PACIFIC TO ATLANTIC.

Month.	United States.	British.	Chilean.	Danish.	Dutch.	French.	Honduran.	Italian.	Japanese.	Nicaraguan.	Norwegian.	Panaman.	Peruvian.	Russian.	Swedish.	Costa Rican.	Spanish.	Cuban.	Mexican.	Total.
Total, 1914.	83	80	3	3	....	....	....	....	....	1	4	....	....	....	2	....	....	....	....	176
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
December	5	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	6
Total, 1915.	226	250	22	17	3	2	3	1	4	....	34	2	6	1	16	....	....	....	....	[2] 588
1916.																				
January	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	2
February	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
March	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5
April	19	17	1	1	2	....	....	....	1	....	5	....	2	....	....	....	....	....	....	48
May	14	29	5	....	1	....	....	....	1	....	4	....	5	....	1	....	....	....	....	60
June	15	26	5	....	....	....	....	....	1	....	4	....	3	....	....	....	....	....	....	54
July	17	38	3	....	2	....	....	....	3	....	4	....	3	....	2	....	....	....	1	73
August	13	32	4	....	1	2	....	....	2	....	6	....	4	....	1	....	....	....	....	65
September	24	45	3	....	2	....	....	1	....	....	4	....	4	1	....	1	....	....	....	85
October	14	47	5	....	2	1	....	1	2	....	6	....	3	....	2	1	....	....	....	84
November	18	32	5	1	3	....	....	....	....	....	5	....	5	....	1	2	3	1	....	76
December	18	28	4	1	3	....	....	....	2	....	9	....	4	....	2	1	....	....	1	73
Total, 1916.	157	296	35	3	16	3	....	2	12	....	47	1	33	1	9	5	3	1	2	636
Grand total	466	626	60	23	19	5	3	3	16	1	85	3	39	2	27	5	3	1	2	1,390

[1] The canal was practically closed from Sept. 18, 1915, to Apr. 15, 1916, on account of slides. During that time a few small vessels were allowed to pass through.

[2] Including 1 Argentine vessel.

No. 240.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS AND BY LAND VEHICLES: VALUES, 1870 TO 1916.

[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.*
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	132,253,665	790,595,186	922,848,251	14.3	68,239,120	991,087,371
1905	160,649,571	878,138,230	1,038,787,801	15.5	78,725,270	1,117,513,071
1906	168,488,129	971,397,270	1,139,885,399	14.8	86,677,047	1,226,562,446
1907	176,550,716	1,163,698,060	1,340,248,776	13.2	94,172,649	1,434,421,425
1908	151,919,733	971,111,234	1,123,030,967	13.5	71,310,825	1,194,341,792
1909	150,528,075	1,090,001,007	1,240,529,082	12.1	71,391,142	1,311,920,224
1910	147,100,976	1,319,438,085	1,466,539,061	10.0	90,408,369	1,556,947,430
1911	146,640,912	1,289,510,573	1,436,151,485	10.2	91,074,620	1,527,226,105
1912	170,849,680	1,380,228,170	1,551,077,850	11.0	102,187,084	1,653,264,934
1913	193,094,242	1,504,567,867	1,697,662,109	11.4	115,346,125	1,813,008,234
1914	198,923,666	1,538,784,987	1,737,708,653	11.4	156,217,004	1,893,925,657
1915	281,334,841	1,244,934,571	1,526,269,412	18.4	147,900,328	1,674,169,740
1916	449,872,543	1,550,102,577	1,999,975,120	22.5	197,908,390	2,197,883,510

[1] Includes also all water-borne imports of ports on the Great Lakes.

No. 240.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS, ETC.: VALUES, 1870 TO 1916—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.	Per cent in American vessels.		
	Dollars.	*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*
1870	199,732,324	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
1872	168,044,799	393,929,579	561,974,378	30.0	10,015,089	571,989,467
1873	171,566,758	494,915,886	666,482,644	25.7	10,799,430	677,282,074
1874	174,424,216	533,885,971	708,310,187	24.6	8,509,205	716,819,392
1875	156,385,066	501,838,949	658,224,015	23.8	7,304,376	665,528,391
1876	167,686,467	492,215,487	659,901,954	25.4	6,324,487	666,226,441
1877	164,826,214	530,354,703	695,180,917	23.7	6,767,170	701,948,087
1878	166,551,624	569,583,564	736,135,188	22.7	7,511,365	743,646,553
1879	128,425,339	600,769,633	729,194,972	17.6	7,439,862	736,634,834
1880	109,029,209	720,770,521	829,799,730	13.1	5,838,928	835,638,658
1881	116,955,324	777,167,714	894,118,038	13.1	8,259,308	902,377,346
1882	96,962,919	641,460,967	738,423,886	13.1	12,118,371	750,542,257
1883	104,418,210	694,331,348	798,749,558	13.1	25,089,844	823,839,402
1884	98,652,828	615,287,007	713,939,835	13.8	26,573,774	740,513,609
1885	82,001,691	636,004,765	718,006,456	11.4	24,183,299	742,189,755
1886	78,406,686	581,973,477	660,380,163	11.9	19,144,667	679,524,830
1887	72,991,253	621,802,292	694,793,545	10.5	21,389,666	716,183,211
1888	67,332,175	606,474,964	673,807,139	10.0	22,147,368	695,954,507
1889	83,022,198	630,942,660	713,964,858	11.6	28,436,517	742,401,375
1890	77,502,138	747,376,644	824,878,782	9.4	32,949,902	857,828,684
1891	78,968,047	773,569,324	852,557,371	9.3	31,923,439	884,480,810
1892	81,033,844	916,023,675	997,057,519	8.1	33,220,629	1,030,278,148
1893	70,670,073	733,132,174	803,802,247	8.8	43,862,947	847,665,194
1894	73,707,023	769,212,122	842,919,145	8.7	49,221,427	892,140,572
1895	62,277,581	695,357,830	757,635,411	8.2	49,902,754	807,538,165
1896	70,392,813	751,083,000	821,475,813	8.5	61,131,125	882,606,938
1897	79,941,823	905,969,428	985,911,251	8.1	65,082,305	1,050,993,556
1898	67,792,150	1,090,406,476	1,158,198,626	5.9	73,283,704	1,231,482,330
1899	78,562,088	1,064,590,307	1,143,152,395	6.9	83,870,907	1,227,023,302
1900	90,779,252	1,193,220,689	1,283,999,941	7.1	110,483,141	1,394,483,082
1901	84,343,122	1,291,520,938	1,375,864,060	6.1	111,900,931	1,487,764,991
1902	83,631,985	1,174,263,079	1,257,895,064	6.6	123,824,337	1,381,719,401
1903	91,028,200	1,190,262,178	1,281,290,378	7.1	138,851,301	1,420,141,679
1904	97,482,054	1,210,608,328	1,308,090,382	7.5	152,736,889	1,460,827,271
1905	129,958,375	1,225,063,232	1,355,021,607	9.6	163,540,059	1,518,561,666
1906	153,859,076	1,396,270,084	1,550,129,160	9.9	193,735,340	1,743,864,500
1907	141,780,310	1,520,598,231	1,662,378,541	8.5	218,472,537	1,880,851,078
1908	120,593,589	1,549,628,630	1,670,222,219	7.2	190,551,127	1,860,773,346
1909	108,129,142	1,372,692,807	1,480,821,949	7.3	182,189,155	1,663,011,104
1910	113,736,171	1,402,524,390	1,516,260,561	7.5	228,724,159	1,744,984,720
1911	133,565,552	1,640,925,933	1,774,491,485	7.5	274,828,714	2,049,320,199
1912	151,601,885	1,728,790,688	1,880,392,573	8.1	323,929,836	2,204,322,409
1913	187,938,254	1,887,460,562	2,075,398,816	9.1	390,485,334	2,465,884,150
1914	169,436,090	1,878,323,769	2,047,759,859	8.3	316,819,289	2,364,579,148
1915	290,597,071	2,175,758,992	2,466,356,063	11.8	302,233,277	2,768,589,340
1916	499,035,673	3,327,030,418	3,826,066,091	13.0	507,416,794	4,333,482,885

[1] Includes also all water-borne exports of ports on the Great Lakes.

No. 240.—Foreign Carrying Trade of the United States in American and Foreign Vessels, etc.: Values, 1870 to 1916—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.*
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	194,365,743	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	272,513,322	2,520,739,864	2,793,253,186	9.8	261,861,952	3,055,115,138
1909	258,657,217	2,462,693,814	2,721,351,031	9.5	253,580,297	2,974,931,328
1910	260,837,147	2,721,962,475	2,982,799,622	8.7	319,132,528	3,301,932,150
1911	280,206,464	2,930,436,506	3,210,642,970	8.7	365,903,334	3,576,546,304
1912	322,451,565	3,109,018,858	3,431,470,423	9.4	426,116,920	3,857,587,343
1913	381,032,496	3,392,028,429	3,773,060,925	10.1	505,831,459	4,278,892,384
1914	368,359,756	3,417,108,756	3,785,468,512	9.7	473,036,293	4,258,504,805
1915	571,931,912	3,420,693,563	3,992,625,475	14.3	450,133,605	4,442,759,080
1916	948,908,216	4,877,132,995	5,826,041,211	16.3	705,325,184	6,531,366,395

[1] Includes also all water-borne foreign commerce of ports on the Great Lakes.

No. 241.—IMPORTS AND DOMESTIC EXPORTS OF MERCHANDISE CARRIED IN AMERICAN AND FOREIGN VESSELS AND BY LAND VEHICLES BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: VALUES, YEARS ENDED JUNE 30, 1911 TO 1916.

Shipped by—	Imports.						Domestic exports.					
	1911	1912	1913	1914	1915	1916	1911	1912	1913	1914	1915	1916
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Cars and land vehicles	91,074,620	102,187,084	115,346,125	156,217,004	147,900,328	197,908,390	261,544,919	309,518,534	372,619,521	301,893,383	285,349,701	484,755,288
American vessels[1]	146,640,912	170,849,680	193,094,242	198,923,666	281,334,841	449,872,543	131,457,864	149,319,452	185,140,682	166,055,061	284,410,965	490,559,739
Foreign vessels:[1]												
Austrian[2]	.....	20,919,774	22,939,478	24,358,126	3,025,275	7,408	.....	33,656,823	38,397,174	35,086,502	877,044	.....
Belgian	49,513,469	39,377,645	33,606,852	35,461,566	7,053,131	2,875,491	19,770,592	15,117,537	15,601,592	12,504,875	15,439,965	31,946,584
British	723,447,591	786,769,863	870,848,477	852,672,141	694,219,463	830,168,016	1,021,499,462	1,097,939,992	1,173,709,838	1,172,354,610	1,394,215,920	2,110,758,160
Danish[3]	.....	.....	.....	.....	.....	55,359,614	.....	.....	.....	.....	.....	62,936,331
Dutch	52,352,139	61,480,255	68,573,291	68,786,793	124,687,404	110,888,920	82,162,222	80,780,009	90,839,308	84,589,948	108,386,976	115,397,348
French	82,825,305	99,992,081	104,604,571	111,799,130	68,341,417	91,006,098	69,121,297	63,861,612	64,559,804	63,702,289	126,517,813	186,660,775
German	205,478,707	207,061,407	223,347,113	241,319,067	31,081,662	416,149	222,608,959	234,263,086	277,764,259	280,818,368	19,917,218	.....
Italian	25,794,978	19,593,892	26,805,722	34,714,668	49,072,575	45,878,084	33,869,105	34,011,705	39,586,879	38,727,602	75,668,508	142,661,161
Japanese	42,599,002	48,014,586	57,585,628	55,305,703	68,080,817	177,059,632	15,576,487	23,053,473	27,108,981	25,657,162	36,004,988	140,344,245
Norwegian	49,850,929	45,359,857	45,178,933	66,475,681	115,729,291	140,805,658	44,408,778	49,185,129	58,963,294	65,552,041	158,416,411	244,270,259
Spanish[3]	.....	.....	.....	.....	.....	14,284,512	.....	.....	.....	.....	.....	56,811,688
All other	57,648,453	51,658,810	51,077,802	47,892,062	83,643,536	81,352,995	111,529,340	79,612,476	84,215,026	82,742,184	210,972,956	205,076,001
Total foreign	1,289,510,573	1,380,228,170	1,504,567,867	1,538,784,987	1,244,934,571	1,550,102,577	1,620,546,242	1,711,481,842	1,870,746,155	1,861,735,581	2,146,417,799	3,296,862,552
Grand total	1,527,226,105	1,653,264,934	1,813,008,234	1,893,925,657	1,674,169,740	2,197,883,510	2,013,549,025	2,170,319,828	2,428,506,358	2,329,684,025	2,716,178,465	4,272,177,579

[1] Prior to 1916 American and foreign vessels were shown separately in the various issues of this volume.
[2] Included in "All other" prior to 1912.
[3] Included in "All other" prior to 1916.

No. 242.—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, 1896 TO 1916.

[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.*	
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	3,931,600	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
1916 ...	542	159	383	58,696	451,628	5,061,300	1,535,475	7,207	8,605	172

WRECKS AND CASUALTIES ON THE GREAT LAKES.

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	998,895	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	1,831,060	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
1916 ...	207	17	190	16,146	768,747	1,657,515	229,335	2,741	4,639	358

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

No. 242.—Disasters to Vessels on and Near the Coasts and on the Rivers of the United States, etc.: Summary, 1896 to 1916—Continued.

WRECKS AND CASUALTIES ON RIVERS OF THE UNITED STATES.

Year ended June 30—	Number of vessels.	Wrecks total loss.	Casualties involving partial loss or unknown damage.	Vessels totally lost.	Vessels damaged.	Losses to vessels.	Losses to cargoes.	Passengers.	Crews.	Lives lost.[1]
				Tons.	*Tons.*	*Dollars.*	*Dollars.*	*No.*	*No.*	
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.....	196	61	135	6,344	73,776	790,445	91,170	2,239	2,603	35
1913.....	167	48	119	3,364	78,901	698,010	34,420	2,163	2,455	49
1914.....	139	42	97	4,613	57,119	733,920	88,700	1,190	2,114	22
1915.....	129	48	81	1,978	48,184	699,215	50,865	1,317	1,900	1
1916.....	207	78	129	7,684	79,218	1,049,890	46,100	2,446	2,515	61

WRECKS AND CASUALTIES TO AMERICAN VESSELS AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES.

1896.....	253	96	157	43,412	128,966	1,655,740	894,615	838	3,381	223
1897.....	221	78	143	34,823	135,749	1,424,475	593,990	731	3,165	179
1898.....	212	96	116	45,039	113,338	6,932,325	858,830	911	3,515	529
1899.....	220	110	110	59,074	133,597	3,267,745	911,645	1,642	4,456	281
1900.....	191	68	123	38,497	117,546	1,889,280	552,890	2,218	3,125	125
1901.....	202	60	142	24,866	230,823	1,587,100	498,450	2,857	4,383	172
1902.....	182	75	107	40,421	117,955	1,925,710	752,650	1,681	2,743	191
1903.....	154	56	98	29,119	117,145	1,604,960	486,240	772	2,468	160
1904.....	166	60	106	26,127	203,135	1,411,230	357,170	2,332	3,128	176
1905.....	161	58	103	23,840	191,441	1,488,410	505,515	2,045	3,636	148
1906.....	153	48	105	32,317	185,014	1,598,440	548,185	1,237	3,537	259
1907.....	222	84	138	71,344	227,238	5,093,760	1,125,740	1,738	4,286	174
1908.....	142	48	94	32,743	215,555	1,851,980	467,380	3,635	4,119	135
1909.....	177	48	129	23,966	249,221	1,513,495	963,380	1,787	4,279	115
1910.....	126	47	79	19,329	158,471	1,322,980	406,745	972	2,617	124
1911.....	151	38	113	24,273	233,243	2,405,915	512,435	2,635	4,700	66
1912.....	177	52	125	22,275	213,235	1,274,855	381,420	1,113	3,566	75
1913.....	134	47	87	27,184	236,135	1,584,810	439,665	4,839	4,793	75
1914.....	157	56	101	39,224	210,097	2,014,350	406,305	2,086	4,559	87
1915.....	161	55	106	73,549	263,970	3,281,115	2,224,590	1,879	4,660	123
1916.....	184	63	121	52,707	279,608	4,902,335	1,858,065	1,686	4,894	273

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

No. 242.—Disasters to Vessels on and Near the Coasts and on the Rivers of the United States, etc.: Summary, 1896 to 1916—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.*	
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
1916	1,140	317	823	135,233	1,714,434	12,671,040	3,668,995	14,080	20,653	1,364

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

No. 243.—ABSTRACT OF WORK PERFORMED BY THE UNITED STATES COAST GUARD, WITH APPROPRIATIONS AND EXPENDITURES: Year Ended June 30, 1916.

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

Item.	Number or amount.	Item.	Number or amount.
Lives saved or persons rescued from peril	1,216	Instances of miscellaneous assistance	2,021
Persons on board vessels assisted	15,742	Derelicts and obstructions to navigation removed or [illegible]	30
Persons in distress cared for	483	Value of vessels [illegible] cargoes)	$10,509,655.00
Vessels boarded and papers examined	30,510	Value of derelicts recovered and delivered to owners	$128,900.00
Vessels seized or reported for violation of law	615	Appropriations for 1916, including repairs to cutters and stations	$5,418,641.06
Fines and penalties incurred by vessels reported	$251,820.00	Net expenditure for maintenance for 1916, including repairs to cutters and stations	$5,215,711.34
Regattas and marine parades patrolled, in accordance with law	36		
Instances of lives saved and vessels assisted	1,453	Estimated unexpended balance	$202,929.72

No. 244.—AMERICAN AND FOREIGN SAILING AND STEAM VESSELS ENTERED AT SEAPORTS AND AT ALL PORTS OF THE UNITED STATES FROM FOREIGN COUNTRIES: TONNAGE, 1889 TO 1916.

[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.]

Year ended June 30—	Seaports.									All ports.		
	Sailing vessels.			Steam vessels.			Total sailing and steam.			Total sailing and steam.		
	American.	Foreign.	Total	American.	Foreign.	Total.	American.	Foreign.	Total.	American.	Foreign.	Total.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1889	1,304,136	3,088,127	4,392,263	1,823,701	7,095,688	8,919,389	3,127,837	10,183,815	13,311,652	3,724,325	12,227,794	15,952,119
1890	1,394,665	3,071,111	4,465,776	2,009,919	8,889,909	10,899,828	3,404,584	11,961,020	15,365,604	4,083,121	14,024,140	18,107,261
1891	1,336,468	2,942,115	4,278,583	2,333,904	8,781,724	11,115,628	3,670,372	11,723,839	15,394,211	4,380,804	13,823,491	18,204,295
1892	1,427,976	3,044,594	4,472,570	2,318,675	11,389,605	13,708,280	3,746,651	14,433,829	18,180,480	4,469,955	16,543,469	21,013,424
1893	1,280,606	2,932,368	4,212,974	2,212,636	10,253,180	12,465,816	3,493,242	13,185,548	16,678,790	4,358,686	15,223,130	19,581,816
1894	1,258,217	2,476,760	3,734,977	2,390,863	10,898,917	13,289,780	3,649,080	13,375,677	17,024,757	4,654,679	13,334,984	19,989,663
1895	1,265,923	2,474,392	3,740,315	2,410,728	10,574,304	12,985,032	3,676,651	13,048,696	16,725,347	4,472,830	14,822,085	19,294,915
1896	1,068,495	2,531,529	3,600,024	2,604,992	11,247,952	13,852,944	3,673,487	13,779,481	17,452,968	5,196,320	15,792,864	20,989,184
1897	1,129,745	2,715,992	3,845,737	2,481,431	13,675,471	16,156,902	3,611,176	16,391,463	20,002,639	5,525,328	18,234,922	23,760,250
1898	970,960	2,692,312	3,663,272	2,391,515	15,645,524	18,037,039	3,362,475	18,337,836	21,700,311	5,240,046	20,339,353	25,579,399
1899	974,552	2,384,539	3,359,091	2,358,211	16,246,105	18,604,316	3,332,763	18,630,644	21,963,407	5,340,660	20,770,156	26,110,816
1900	923,561	2,322,313	3,245,874	3,050,678	17,237,045	20,287,723	3,974,239	19,559,358	23,533,597	6,135,652	22,027,353	28,163,005
1901	842,487	2,115,501	2,957,988	3,137,077	18,695,885	21,832,962	3,979,564	20,811,386	24,790,950	6,381,305	23,386,716	29,768,021
1902	866,439	2,079,158	2,945,597	3,153,432	18,262,406	21,415,838	4,019,871	20,341,564	24,361,435	6,961,200	23,693,232	30,654,432
1903	656,611	2,075,103	2,731,714	3,224,425	18,741,553	21,965,978	3,881,036	20,816,656	24,697,692	6,906,582	24,187,081	31,093,663
1904	517,627	1,804,047	2,321,674	3,288,259	18,500,987	21,789,246	3,805,886	20,305,034	24,110,920	6,679,173	23,273,237	29,952,410
1905	582,717	1,487,218	2,069,935	3,537,470	19,185,894	22,723,364	4,120,187	20,673,112	24,793,299	7,080,624	23,902,593	30,983,217
1906	630,129	1,547,104	2,177,233	3,392,392	21,831,845	25,224,237	4,022,521	23,378,949	27,401,470	7,612,690	26,542,755	34,155,445
1907	491,942	1,402,980	1,894,922	3,432,281	23,920,559	27,352,840	3,924,223	25,323,539	29,247,762	8,115,656	28,506,600	36,622,256
1908	485,748	1,358,651	1,844,399	3,827,856	24,771,440	28,599,296	4,313,604	26,130,091	30,443,695	8,473,227	30,065,968	38,539,195
1909	513,929	1,124,923	1,638,852	3,889,065	24,715,213	28,604,278	4,402,994	25,840,136	30,243,130	8,771,464	30,286,674	39,058,138
1910	433,704	1,092,399	1,526,103	3,780,524	25,610,167	29,390,691	4,214,228	26,702,566	30,916,794	8,888,459	31,347,347	40,235,806
1911	415,932	1,037,966	1,453,898	3,885,851	27,117,374	31,003,225	4,301,783	28,155,340	32,457,123	9,692,770	32,982,219	42,674,989
1912	565,348	958,663	1,524,011	4,006,316	29,128,759	33,135,075	4,571,664	30,087,422	34,659,086	11,257,098	34,900,973	46,158,071
1913	714,646	1,018,969	1,733,615	4,526,655	31,712,566	36,239,221	5,241,301	32,731,535	37,972,836	13,072,567	37,566,606	50,639,173
1914	562,441	988,146	1,550,587	4,873,353	33,628,349	38,501,702	5,435,794	34,616,495	40,052,289	13,730,075	39,658,502	53,388,577
1915	661,493	943,249	1,604,742	6,168,412	27,258,816	33,427,228	6,829,905	28,202,065	35,031,970	13,275,454	33,435,012	46,710,466
1916	998,524	1,138,654	2,137,178	8,447,363	27,159,638	35,607,001	9,445,887	28,298,292	37,744,179	17,927,674	33,622,223	51,549,897

No. 245.—AMERICAN AND FOREIGN SAILING AND STEAM VESSELS CLEARED FROM SEAPORTS AND FROM ALL PORTS OF THE UNITED STATES FOR FOREIGN COUNTRIES: TONNAGE, 1889 TO 1916.

[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.]

Year ended June 30—	Seaports.									All ports.		
	Sailing vessels.			Steam vessels.			Total sailing and steam.			Total sailing and steam.		
	American.	Foreign.	Total.	American.	Foreign.	Total.	American.	Foreign.	Total.	American.	Foreign.	Total.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1889	1,485,318	3,215,253	4,700,571	1,857,032	7,114,058	8,971,090	3,342,350	10,329,311	13,671,661	3,988,454	12,354,693	16,343,147
1890	1,372,947	3,153,641	4,526,588	2,017,070	8,885,391	10,902,461	3,390,017	12,039,032	15,429,049	4,066,757	14,082,105	18,148,862
1891	1,343,089	2,915,753	4,258,842	2,372,994	8,778,874	11,151,868	3,716,083	11,694,627	15,410,710	4,455,402	13,805,430	18,260,832
1892	1,425,906	2,982,504	4,408,410	2,325,144	11,524,611	13,849,755	3,751,050	14,507,115	18,258,165	4,536,151	16,624,882	21,161,033
1893	1,270,962	2,908,809	4,179,771	2,266,169	10,379,541	12,645,710	3,537,131	13,288,350	16,825,481	4,403,362	15,357,384	19,760,746
1894	1,326,434	2,554,733	3,881,167	2,420,214	11,004,952	13,425,166	3,746,648	13,559,685	17,306,333	4,739,918	15,531,772	20,271,690
1895	1,205,714	2,479,509	3,685,223	2,409,944	10,928,478	13,338,422	3,615,658	13,407,987	17,023,645	4,504,227	15,246,319	19,750,546
1896	1,126,958	2,507,038	3,633,996	2,614,111	11,570,683	14,184,794	3,741,069	14,077,721	17,818,790	5,329,599	16,084,986	21,414,585
1897	1,139,285	2,557,985	3,697,270	2,498,164	13,682,971	16,181,135	3,637,449	16,240,956	19,878,405	5,618,142	18,091,053	23,709,195
1898	918,252	2,867,154	3,785,406	2,312,762	15,793,570	18,106,332	3,231,014	18,660,724	21,891,738	5,111,447	20,636,785	25,748,232
1899	1,008,363	2,341,898	3,350,261	2,454,886	16,372,336	18,827,222	3,463,249	18,714,234	22,177,483	5,471,752	20,794,224	26,265,976
1900	958,489	2,340,202	3,298,691	3,047,625	17,271,342	20,318,967	4,006,114	19,611,544	23,617,658	6,208,918	22,072,223	28,281,141
1901	908,369	2,128,691	3,037,060	3,111,400	18,740,908	21,852,308	4,019,769	20,869,599	24,889,368	6,417,347	23,402,546	29,819,893
1902	813,131	2,110,931	2,924,062	3,142,384	18,175,658	21,318,042	3,955,515	20,286,589	24,242,104	6,821,555	23,622,527	30,444,082
1903	632,732	2,027,931	2,660,663	3,298,206	18,864,295	22,162,501	3,930,938	20,892,226	24,823,164	6,975,227	24,340,941	31,316,168
1904	518,607	1,802,426	2,321,033	3,317,234	18,553,716	21,870,950	3,835,841	20,356,142	24,191,983	6,641,374	23,374,201	30,015,575
1905	618,417	1,541,164	2,159,581	3,640,924	19,219,315	22,860,239	4,259,341	20,760,479	25,019,820	7,203,008	23,954,533	31,157,541
1906	667,237	1,602,293	2,269,530	3,255,969	21,444,351	24,700,320	3,923,206	23,046,644	26,969,850	7,580,533	26,203,921	33,784,454
1907	475,713	1,426,919	1,902,632	3,321,782	23,274,694	26,596,476	3,797,495	24,701,613	28,499,108	8,092,557	27,897,500	35,990,057
1908	537,776	1,318,012	1,855,788	3,750,519	24,592,020	28,342,539	4,288,295	25,910,032	30,198,327	8,435,207	29,846,489	38,281,696
1909	487,230	1,160,642	1,647,872	3,727,978	24,228,206	27,956,184	4,215,208	25,388,848	29,604,056	8,491,725	29,704,756	38,196,481
1910	428,831	1,147,599	1,576,430	3,767,229	25,166,295	28,933,524	4,196,060	26,313,894	30,509,954	8,808,603	30,897,255	39,705,858
1911	444,227	1,091,829	1,536,056	3,983,121	26,779,436	30,762,557	4,427,348	27,871,265	32,298,613	9,753,463	32,683,684	42,437,147
1912	591,606	996,156	1,587,762	4,201,917	28,916,339	33,118,256	4,793,523	29,912,495	34,706,018	11,703,467	34,713,445	46,416,912
1913	768,455	1,055,640	1,824,095	4,520,697	31,221,160	35,741,857	5,289,152	32,276,800	37,565,952	13,945,801	37,206,158	51,151,959
1914	558,478	1,015,943	1,574,421	4,626,729	33,542,062	38,168,791	5,185,207	34,558,005	39,743,212	13,740,628	39,442,781	53,183,409
1915	838,994	909,945	1,748,939	6,271,468	27,437,454	33,708,922	7,110,462	28,347,399	35,457,861	13,418,282	33,466,806	46,885,088
1916	1,146,028	1,164,129	2,310,157	8,616,829	28,017,606	36,634,435	9,762,857	29,181,735	38,945,592	17,902,068	34,520,940	52,423,008

No. 246.—VESSELS ENTERED AT AND CLEARED FROM SEAPORTS OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: TONNAGE, 1892 TO 1916, BY COUNTRIES.

[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.]

Year ended June 30—	Belgium.		France.		Germany.		Italy.		Netherlands.		Spain.		United Kingdom.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1892	636,942	795,184	630,086	1,302,562	1,664,449	2,010,973	506,968	225,227	463,552	711,216	325,741	148,446	6,036,030	6,335,063
1893	558,953	560,776	436,271	772,777	1,492,323	1,518,978	560,445	319,711	514,240	599,294	238,982	194,901	4,834,369	5,927,712
1894	518,303	521,761	583,985	927,737	1,491,531	1,513,010	438,137	347,304	573,284	590,805	181,045	200,857	5,547,861	6,222,875
1895	531,828	464,389	481,120	813,110	1,453,500	1,504,062	484,284	383,525	507,845	476,537	127,358	174,396	5,161,231	6,139,570
1896	579,320	534,755	435,777	749,120	1,567,497	1,670,748	511,935	353,258	485,979	825,052	199,604	161,407	5,302,373	5,930,292
1897	661,755	666,127	489,793	864,767	1,667,106	2,079,382	509,373	426,772	527,711	1,061,546	243,572	159,655	6,525,070	7,163,057
1898	708,848	875,040	614,490	1,437,702	1,815,167	2,517,670	623,242	455,635	651,046	1,211,445	279,837	134,599	7,881,172	7,699,934
1899	800,537	831,583	627,255	929,080	1,984,763	2,460,952	743,245	486,789	802,084	1,455,756	223,323	143,914	7,624,247	7,304,929
1900	783,375	832,434	642,654	1,011,322	2,334,042	2,706,337	798,380	538,957	868,657	1,303,168	443,420	212,350	7,015,528	7,047,998
1901	742,607	796,083	653,176	1,058,468	2,203,375	2,521,748	871,834	589,113	794,944	1,280,044	343,329	219,056	7,911,055	8,034,448
1902	880,867	926,012	620,282	977,606	2,209,588	2,397,632	814,175	703,016	801,834	1,136,150	456,715	232,046	7,103,158	7,286,604
1903	1,045,485	1,005,628	505,465	944,079	2,206,065	2,579,030	894,930	780,609	828,878	1,214,546	407,940	265,364	7,517,547	7,194,464
1904	949,054	902,797	464,201	872,248	2,086,459	2,517,361	946,699	755,131	778,624	1,049,105	436,418	257,439	7,385,136	7,036,536
1905	858,383	792,162	487,814	877,547	2,139,331	2,585,795	1,092,716	1,007,923	732,050	1,002,084	483,293	259,490	6,671,069	5,939,024
1906	961,338	918,311	614,494	1,096,762	2,480,092	2,853,750	1,382,689	1,279,349	845,091	1,297,688	496,636	260,406	7,781,217	7,187,402
1907	1,013,356	935,314	593,824	1,239,114	2,872,069	3,102,519	1,245,065	1,327,009	942,695	1,208,000	566,936	301,957	7,695,519	7,301,040
1908	910,085	938,581	731,333	1,213,792	2,595,893	3,318,889	1,425,880	1,464,587	911,951	1,273,351	562,194	316,899	7,815,350	7,426,007
1909	906,585	957,967	797,766	1,328,842	2,715,939	3,143,898	1,494,165	1,586,357	959,659	1,294,345	629,682	322,140	7,507,769	7,076,231
1910	909,739	935,294	748,345	1,233,987	2,887,602	3,042,738	1,481,839	1,749,996	989,543	1,284,441	727,139	259,325	6,735,739	6,498,344
1911	904,728	939,698	953,294	1,264,688	2,892,103	3,073,205	1,307,549	1,639,683	1,056,481	1,297,108	693,687	289,016	6,862,932	7,385,826
1912	984,377	1,014,460	1,065,450	1,371,708	2,886,732	3,521,582	1,100,122	1,489,359	1,155,192	1,411,444	745,016	323,763	6,983,155	6,958,824
1913	1,024,086	1,173,367	1,240,780	1,628,388	3,308,794	3,832,474	1,308,487	1,537,016	1,324,431	1,851,027	762,033	392,713	7,910,036	7,377,419
1914	951,193	1,131,734	1,226,154	1,763,808	3,589,120	3,902,073	1,326,026	1,893,915	1,321,014	1,760,676	691,160	422,571	7,697,386	7,593,402
1915	158,428	161,356	1,506,701	2,826,116	572,519	428,188	2,128,469	2,693,815	1,504,738	1,675,298	767,099	447,928	8,920,151	8,152,340
1916	.....	.....	2,600,675	3,636,707	9,043	.....	3,151,684	3,579,713	1,268,875	1,366,143	1,125,577	558,641	8,755,933	8,304,707

Year ended June 30—	Nova Scotia, New Brunswick, and Prince Edward Island.		British Columbia.		Central American States.		Mexico.		British West Indies and British Honduras.		Cuba.		Argentina.		Brazil.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1892	964,351	1,060,333	1,359,882	1,351,710	246,520	205,099	203,241	162,329	595,519	382,875	1,452,672	1,069,310	87,046	92,864	553,317	275,275
1893	987,436	1,072,861	1,194,366	1,223,293	248,586	199,769	308,396	216,714	706,657	473,214	1,622,194	1,214,111	99,506	149,913	481,311	239,351
1894	931,592	1,016,932	1,285,368	1,281,223	272,372	212,529	274,724	178,045	681,304	485,405	1,583,638	1,212,136	51,600	147,112	389,319	214,511
1895	951,262	1,054,213	1,431,863	1,404,459	296,015	228,799	288,021	169,424	580,293	482,651	1,381,988	1,136,734	107,950	155,420	406,675	269,601
1896	965,295	1,172,109	1,456,163	1,465,185	295,393	227,842	374,382	218,809	659,196	538,072	1,278,643	887,410	102,341	197,844	512,397	310,516
1897	926,175	1,075,623	1,358,663	1,360,579	307,539	232,123	353,038	256,715	758,754	499,315	1,038,519	798,394	149,408	199,396	908,841	198,029
1898	903,275	924,555	1,543,366	1,545,596	281,986	213,305	366,776	319,346	778,195	544,018	823,402	631,840	146,754	207,001	831,064	289,414
1899	886,071	957,309	1,386,041	1,436,873	332,870	246,405	455,058	417,806	871,040	754,905	1,124,505	1,063,734	128,814	253,162	666,328	274,259
1900	1,214,476	1,301,780	1,469,610	1,465,052	375,268	320,518	638,675	532,397	705,760	696,485	1,341,928	1,247,752	73,658	257,765	500,595	245,574
1901	1,229,031	1,303,769	1,640,378	1,641,639	406,972	341,068	713,706	606,978	747,472	734,729	1,532,130	1,313,660	137,933	232,939	588,180	285,498
1902	1,220,973	1,372,543	1,423,269	1,404,997	370,167	349,170	768,047	595,429	847,517	841,678	1,707,410	1,603,471	146,939	268,405	615,632	249,927
1903	1,410,071	1,624,233	1,287,346	1,275,480	471,567	426,078	828,537	577,371	969,053	932,453	1,823,310	1,714,644	99,082	195,683	502,645	239,710
1904	1,267,241	1,333,012	1,331,269	1,336,415	698,795	635,555	639,806	560,354	721,471	734,618	2,205,848	1,942,320	81,616	245,131	432,018	223,467
1905	1,341,036	1,422,021	1,342,680	1,382,587	893,150	909,014	744,725	673,296	1,060,059	1,076,674	2,235,524	1,938,958	93,670	269,413	479,902	214,867
1906	1,516,737	1,594,842	1,327,157	1,250,651	1,023,459	1,122,834	693,072	741,937	1,212,798	1,157,190	2,454,786	2,041,046	197,058	376,319	548,230	199,350
1907	1,514,059	1,629,115	1,458,081	1,499,709	1,134,652	1,252,354	987,841	964,162	1,335,119	1,329,062	2,422,666	1,947,086	367,203	472,503	723,130	269,017
1908	1,518,121	1,550,846	1,779,004	1,804,372	1,283,270	1,454,723	1,231,771	1,085,878	1,371,587	1,231,062	2,300,622	1,976,626	441,466	513,233	745,024	294,171
1909	1,319,475	1,404,830	2,018,180	2,024,683	1,336,687	1,491,890	1,315,339	1,115,513	1,039,844	1,086,129	2,152,035	1,930,111	435,907	440,542	735,991	309,709
1910	1,404,650	1,527,154	1,936,567	2,052,384	1,615,940	1,928,129	1,355,942	1,358,606	978,876	1,048,083	2,797,540	2,236,127	592,031	521,376	807,211	359,831
1911	1,375,326	1,560,512	2,184,596	2,197,273	1,769,480	2,120,738	1,283,156	1,310,977	1,094,167	1,124,166	2,976,587	2,425,426	699,216	536,846	1,117,513	385,096
1912	1,488,374	1,693,248	2,512,077	2,613,219	1,930,413	2,238,692	1,429,180	1,579,921	1,204,104	1,258,277	2,974,507	2,375,083	1,128,792	797,260	1,171,899	636,609
1913	1,591,492	1,632,035	2,938,674	2,928,001	1,986,030	2,177,322	2,060,928	2,291,424	869,993	1,098,072	3,237,224	2,596,769	511,970	622,308	1,245,972	696,856
1914	1,532,798	1,556,071	3,124,036	3,153,930	2,092,512	2,138,227	2,815,399	2,695,690	1,041,583	1,377,713	3,165,943	2,609,843	1,028,467	616,117	1,312,963	710,701
1915	1,405,430	1,378,514	3,065,879	3,037,471	1,636,968	1,990,871	1,896,240	1,750,229	902,632	927,565	2,853,241	2,622,647	649,771	510,169	615,682	650,550
1916	1,305,227	1,351,288	3,370,562	3,389,807	1,758,915	1,930,541	2,195,591	2,079,438	627,383	774,653	3,220,430	3,067,453	581,009	755,954	619,858	817,462

No. 246.—VESSELS ENTERED AT AND CLEARED FROM SEAPORTS OF THE UNITED STATES, ETC.: TONNAGE, 1892 TO 1916, BY COUNTRIES—Continued.

Year ended June 30—	Colombia.		British East Indies.		China, including Hongkong.		Japan.		British Australasia.		All other countries.		Total.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1892	214,543	221,257	136,409	97,550	160,847	190,053	94,192	66,603	310,148	193,219	1,538,025	1,361,017	18,180,480	18,258,165
1893	274,071	307,077	138,594	102,597	154,188	230,325	80,572	76,004	245,179	133,034	1,502,151	1,293,069	16,678,790	16,825,481
1894	272,999	261,115	81,314	149,452	170,080	283,527	104,441	95,435	165,401	121,213	1,426,459	1,323,349	17,024,757	17,306,333
1895	365,775	309,748	163,365	88,232	164,258	207,269	123,615	62,712	201,557	164,500	1,515,544	1,334,293	16,725,347	17,023,644
1896	312,717	284,380	116,627	62,436	204,873	269,834	133,647	104,411	238,554	207,295	1,720,255	1,648,015	17,452,968	17,818,790
1897	292,053	244,249	110,357	74,254	262,345	311,360	257,766	176,690	282,321	258,688	2,372,480	1,771,684	20,002,639	19,878,405
1898	270,444	224,208	132,898	112,315	253,608	340,216	274,404	126,250	241,284	222,200	2,279,053	1,859,449	21,700,311	21,891,738
1899	262,108	249,323	123,133	92,339	328,021	351,180	216,985	171,749	149,788	253,680	2,227,191	2,041,756	21,963,407	22,177,483
1900	336,366	307,384	132,465	77,778	[1] 394,801	[1] 456,069	272,491	256,820	141,922	298,514	3,049,526	2,501,204	23,533,597	23,617,658
1901	339,690	320,723	131,955	89,785	[1] 367,439	[1] 405,211	423,827	226,708	327,003	403,792	2,684,914	2,483,909	24,790,950	24,889,368
1902	368,799	329,774	173,982	63,115	[1] 322,460	[1] 437,238	428,561	283,543	341,933	337,346	2,739,127	2,446,402	24,361,435	24,242,104
1903	366,876	337,909	166,857	77,939	[1] 316,188	[1] 353,812	406,945	270,518	348,890	492,656	2,294,015	2,320,958	24,697,692	24,823,164
1904	227,573	214,226	201,709	130,022	[1] 277,904	[1] 365,707	301,904	267,888	375,316	494,432	2,301,859	2,318,219	24,110,920	24,191,983
1905	19,501	14,004	242,695	121,949	[1] 292,120	[1] 519,350	367,993	319,934	240,176	485,837	2,975,412	3,207,891	24,793,299	25,019,820
1906	27,631	25,854	356,857	161,097	[1] 358,922	[1] 305,847	502,294	369,136	285,955	378,281	2,335,957	2,351,798	27,401,470	26,969,850
1907	44,365	22,917	289,021	108,079	369,367	[1] 406,031	603,977	456,863	232,179	409,259	2,836,638	2,317,998	29,247,762	28,499,108
1908	43,171	20,456	270,336	117,432	[1] 344,003	[1] 395,143	545,273	609,998	132,655	417,174	3,484,706	2,770,107	30,443,695	30,198,327
1909	173,355	127,422	429,103	122,818	[1] 420,192	[1] 242,583	556,553	448,165	132,416	408,335	3,166,488	2,741,546	30,243,130	29,604,056
1910	147,891	112,223	288,347	103,760	[1] 405,592	[1] 356,110	505,199	409,124	114,197	365,777	3,486,865	3,127,145	30,916,794	30,509,954
1911	236,642	112,490	305,472	112,584	[1] 417,700	[1] 452,881	602,057	497,873	220,789	503,029	3,503,648	3,069,498	32,457,123	32,298,613
1912	219,935	174,031	302,722	166,728	[1] 447,747	[1] 315,209	634 019	641,901	220,157	595,149	4,075,116	3,534,551	34,659,086	34,706,018
1913	206,228	310,967	372,311	148,774	[1] 439,429	[1] 392,334	710,752	561,662	277,844	613,221	4,645,342	3,703,803	37,972,836	37,565,952
1914	183,495	272,089	373,708	120,832	[1] 497,357	[1] 438,460	778,586	598,415	354,695	594,348	4,948,194	4,392,597	40,052,289	39,743,212
1915	203,729	224,917	264,009	134,785	525,330	387,717	687,395	415,141	366,161	516,666	4,401,398	4,525,578	35,031,970	35,457,861
1916	259,629	183,516	259,771	169,321	413,197	460,004	635,943	391,548	469,862	656,941	5,115,013	5,470,755	37,744,179	38,944,592

[1] Includes British, French, German, Japanese, and Russian China.

No. 247.—VESSELS ENTERED AT AND CLEARED FROM CUSTOMS DISTRICTS[1] OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: TONNAGE, YEARS ENDED JUNE 30, 1914 TO 1916.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by [illegible] the measurement of tonnage probably affects the

Customs district.	1914		1915		1916	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
Atlantic coast:	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
Connecticut	33,536	4,904	36,580	3,179	33,644	1,313
Georgia	403,713	777,196	397,033	587,254	316,212	313,284
Maine and New Hampshire	849,166	804,885	668,532	736,439	868,689	1,049,842
Maryland	1,477,493	1,652,441	2,043,259	2,162,597	2,528,162	2,417,517
Massachusetts	3,363,100	2,217,521	2,463,651	1,659,802	2,420,647	1,589,521
New York	15,767,547	15,421,394	12,579,317	12,162,374	13,461,353	13,918,957
North Carolina	108,547	85,186	76,959	67,538	53,350	35,441
Philadelphia	2,787,219	2,211,906	1,938,510	1,786,441	2,408,076	2,231,814
Porto Rico	540,189	539,082	486,399	495,338	504,192	522,950
Rhode Island	88,669	63,759	67,162	57,627	55,479	55,063
South Carolina	304,527	112,599	135,298	83,184	104,862	63,706
Virginia	677,608	1,600,963	1,633,794	2,643,031	2,429,870	3,843,616
Gulf coast:						
Florida	1,673,506	1,328,984	1,035,650	964,761	1,217,456	1,154,172
Galveston	1,382,633	1,850,676	1,561,656	1,957,602	1,137,432	1,324,073
Mobile	867,466	1,110,969	556,599	612,171	575,581	579,169
New Orleans	2,851,265	3,102,184	3,064,101	3,093,050	2,804,038	2,831,114
Sabine	714,998	949,903	841,057	1,092,125	1,040,216	1,223,625
Mexican border:						
Laredo	118,760	110,422	70,740	70,570	76,320	71,618
Pacific coast:						
Alaska	207,996	173,582	186,061	171,154	283,327	250,546
Hawaii	640,174	306,684	587,064	171,081	618,205	244,656
Oregon	167,765	323,914	230,576	345,175	134,672	176,125
San Francisco	1,344,977	1,511,219	1,228,209	1,358,873	1,179,196	1,541,761
Southern California	509,690	236,364	223,141	130,372	241,614	195,144
Washington	3,171,745	3,246,475	2,920,622	3,046,123	3,251,586	3,303,639
Total seaports	40,052,289	39,743,212	35,031,970	35,457,861	37,744,179	38,938,666
Northern border:						
Buffalo	2,080,749	1,281,416	1,537,770	1,023,268	3,027,555	1,448,979
Chicago	232,369	602,431	300,771	669,270	267,823	458,077
Duluth and Superior	1,596,171	1,099,292	755,518	768,434	1,191,919	895,625
Michigan	2,437,627	2,316,444	2,357,106	2,150,911	2,337,781	2,406,572
Montana and Idaho	15	15	43	43	.....	.....
Ohio	3,590,287	4,959,953	3,485,048	3,861,358	3,488,113	4,834,701
Rochester	2,231,246	2,276,147	2,051,054	2,039,927	2,494,668	2,556,391
St. Lawrence	1,084,388	710,184	1,125,925	809,136	927,135	614,946
Vermont	61,011	55,952	52,258	54,862	49,254	50,503
Wisconsin	22,425	138,363	13,003	50,018	20,470	212,613
Grand total	53,388,577	53,183,409	46,710,466	46,885,088	51,548,897	52,416,073
Recapitulation:						
Atlantic coast	26,401,314	25,491,836	22,526,494	22,444,804	25,184,536	26,043,024
Gulf coast	7,489,868	8,342,716	7,059,063	7,719,709	6,774,723	7,112,153
Mexican border	118,760	110,422	70,740	70,570	76,320	71,618
Pacific coast	6,042,347	5,798,238	5,375,673	5,222,778	5,708,600	5,711,871
Northern border	13,336,288	13,440,197	11,678,496	11,427,227	13,804,718	13,478,407

[1] Customs districts were rearranged July 1, 1913. Transactions under the former arrangement of districts will be found in previous issues.

No. 248.—NATIONALITY OF THE FOREIGN TONNAGE AND TOTAL AMERICAN TONNAGE ENTERED AND CLEARED AT SEAPORTS OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: 1890 TO 1916.

[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.]

Year ended June 30—	Austrian.		Belgian.		British.		Danish.		Dutch.		French.		German.		Italian.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1890	62,096	61,460	299,653	295,899	8,114,543	8,158,137	43,822	58,790	163,863	158,147	335,754	327,292	1,319,804	1,316,247	298,853	328,277
1891	43,001	39,244	312,975	320,437	7,598,665	7,614,310	66,445	64,948	218,695	206,126	356,538	357,053	1,486,242	1,464,770	294,953	283,585
1892	34,234	31,128	299,405	295,868	9,820,486	9,837,821	82,087	83,160	370,705	374,603	374,970	379,054	1,605,607	1,628,808	304,899	313,108
1893	34,674	44,140	302,464	307,670	8,634,222	8,666,034	87,429	86,387	378,056	380,212	361,702	365,457	1,605,804	1,626,616	276,127	284,186
1894	27,917	21,984	298,933	298,356	8,882,217	9,041,141	95,529	123,235	395,494	397,247	369,543	368,015	1,579,095	1,581,306	237,075	249,422
1895	25,729	30,456	325,599	317,882	8,729,793	8,912,884	77,917	73,918	367,004	365,340	359,387	361,979	1,652,028	1,663,957	211,860	203,562
1896	37,669	53,627	380,189	373,577	9,154,682	9,357,931	91,476	95,417	402,825	397,921	345,616	347,557	1,626,825	1,685,705	195,447	198,316
1897	51,324	85,706	389,312	428,872	11,286,261	11,089,910	132,197	126,838	405,641	396,328	378,378	369,237	1,758,319	1,770,277	221,627	226,595
1898	105,419	121,312	349,655	364,738	12,581,866	12,854,566	202,157	204,192	413,692	409,946	382,642	386,928	2,087,696	2,076,374	220,122	222,689
1899	158,936	187,580	334,301	331,551	12,492,296	12,587,780	256,957	265,894	466,622	448,574	325,907	343,344	2,294,216	2,320,329	287,088	263,467
1900	107,289	129,576	360,971	365,192	12,458,113	12,464,012	296,657	298,131	466,911	441,253	408,008	414,814	2,690,489	2,702,791	320,111	332,942
1901	134,032	146,045	321,125	335,761	13,513,956	13,584,215	293,248	299,990	508,136	497,533	382,098	393,397	2,517,603	2,480,350	433,288	431,195
1902	140,026	143,400	329,469	337,281	12,367,945	12,328,367	313,265	305,777	669,016	640,464	554,216	560,407	2,796,690	2,800,594	523,538	510,509
1903	137,099	132,673	283,739	273,794	12,512,065	12,534,808	384,802	389,063	751,099	711,639	629,512	622,271	2,921,742	2,964,996	537,063	567,575
1904	120,350	130,599	213,793	209,054	12,172,495	12,224,609	407,663	409,766	604,458	611,770	598,689	626,500	3,057,862	3,022,803	555,901	555,404
1905	187,862	194,255	218,154	240,853	12,544,058	12,578,792	427,679	409,207	627,715	625,838	579,115	600,359	2,982,362	2,981,078	542,382	549,847
1906	229,052	221,312	207,931	196,144	14,251,386	13,960,243	474,131	483,037	698,704	695,744	711,980	717,822	3,283,228	3,350,613	525,026	512,896
1907	244,192	243,363	160,835	167,673	15,036,768	14,592,920	470,320	483,318	709,836	702,130	778,872	779,307	3,957,270	3,831,348	534,135	531,284
1908	308,473	314,134	186,459	202,666	15,790,030	15,350,407	418,196	439,481	752,287	800,641	848,062	862,596	3,541,867	3,792,673	669,980	607,909
1909	317,752	335,519	340,646	358,986	15,018,740	14,679,703	489,334	465,415	882,680	884,265	854,908	844,856	3,851,812	3,779,412	776,961	782,626
1910	271,865	266,308	451,724	452,530	15,139,268	14,847,448	523,606	495,163	946,900	927,135	887,561	904,747	4,054,004	4,053,471	850,412	855,955
1911	286,574	312,362	480,411	472,292	16,104,423	16,346,831	438,268	390,139	985,736	959,154	980,297	929,864	4,161,106	3,822,632	783,295	925,469
1912	312,243	313,144	349,836	339,273	18,146,424	18,097,755	431,269	436,826	984,796	962,547	966,927	956,303	3,981,811	4,030,881	753,469	767,144
1913	437,849	424,246	351,775	356,231	19,696,820	19,359,581	480,946	445,738	1,048,896	1,077,364	1,026,638	1,033,931	4,578,179	4,587,050	838,147	802,103
1914	467,251	500,415	425,765	400,077	20,416,045	20,417,315	484,255	480,458	1,055,515	1,107,415	1,123,295	1,125,969	5,034,996	5,004,747	882,127	901,041
1915	54,732	23,117	185,524	177,832	16,908,846	17,321,648	764,099	751,200	1,473,521	1,483,321	957,049	961,735	659,999	475,777	1,316,561	1,365,754
1916	63	63	204,549	192,898	16,223,127	16,840,790	866,018	855,039	1,416,047	1,474,780	961,517	982,764	.....	.....	1,886,245	2,006,278

Year ended June 30—	Norwegian and Swedish.		Portuguese.		Russian.		Spanish.		All other foreign.		Total foreign.		American.		Grand total.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*	*Net tons.*
1890....	824,236	822,821	28,626	29,967	43,031	47,056	309,287	310,642	117,452	124,297	11,961,020	12,039,032	3,404,584	3,390,017	15,365,604	15,429,049
1891....	796,100	787,745	40,035	35,300	50,427	55,245	342,874	343,226	116,889	122,638	11,723,839	11,694,627	3,670,372	3,716,083	15,394,211	15,410,710
1892....	1,019,015	1,020,109	38,651	41,296	57,340	57,181	312,814	335,151	113,616	109,828	14,433,829	14,507,115	3,746,651	3,751,050	18,180,480	18,258,165
1893....	977,010	977,283	53,843	50,366	56,813	62,505	314,463	332,066	102,941	105,428	13,185,548	13,288,350	3,493,242	3,537,131	16,678,790	16,825,481
1894....	877,763	870,665	66,855	68,124	73,653	71,985	344,583	342,547	127,020	125,658	13,375,677	13,559,685	3,649,080	3,746,648	17,024,757	17,306,333
1895....	875,179	912,817	48,651	48,022	68,103	65,620	186,757	329,009	120,689	122,541	13,048,696	13,407,987	3,676,651	3,615,658	16,725,347	17,023,645
1896....	985,935	1,000,028	43,547	43,841	61,617	63,746	330,365	332,106	123,288	127,949	13,779,481	14,077,721	3,673,487	3,741,069	17,452,968	17,818,790
1897....	1,175,609	1,156,182	57,229	59,249	61,316	59,066	350,411	379,577	123,839	93,119	16,391,463	16,240,956	3,611,176	3,637,449	20,002,639	19,878,405
1898....	1,310,746	1,345,479	65,037	62,070	74,203	75,693	348,897	356,299	195,704	180,438	18,337,836	18,660,724	3,362,475	3,231,014	21,700,311	21,891,738
1899....	1,421,456	1,417,391	73,414	77,196	72,912	64,809	233,017	230,225	213,522	176,084	18,630,644	18,714,224	3,332,763	3,463,249	21,963,407	22,177,483
1900....	1,710,814	1,722,247	65,053	60,443	79,388	82,030	358,539	365,428	242,015	332,685	19,559,358	19,611,544	3,974,239	4,006,114	23,533,597	23,617,658
1901....	1,886,477	1,937,887	58,075	59,805	81,801	81,976	460,126	460,657	221,421	210,788	20,811,386	20,869,599	3,979,564	4,019,769	24,790,950	24,889,368
1902....	1,646,916	1,644,211	47,349	48,661	70,933	73,033	567,282	579,286	314,919	314,599	20,341,564	20,286,589	4,019,871	3,955,515	24,361,435	24,242,104
1903....	1,723,151	1,750,506	49,643	48,053	60,421	69,826	505,546	505,167	320,774	321,855	20,816,656	20,892,226	3,881,036	3,930,938	24,697,692	24,823,164
1904....	1,757,172	1,751,839	62,444	55,862	49,031	49,720	397,423	399,688	307,753	308,528	20,305,034	20,356,142	3,805,886	3,835,841	24,110,920	24,191,983
1905....	1,827,809	1,864,380	29,560	28,970	31,343	30,413	407,591	400,183	249,482	256,304	20,673,112	20,760,479	4,120,187	4,259,341	24,793,299	25,019,820
1906....	2,184,692	2,124,209	44,185	34,647	18,965	27,209	381,729	377,371	367,940	345,397	23,378,949	23,046,644	4,022,521	3,923,206	27,401,470	26,969,850
1907....	2,453,621	2,437,909	19,127	26,706	102,986	102,915	396,449	388,630	459,128	414,110	25,323,539	24,701,613	3,924,223	3,797,495	29,247,762	28,499,180
1908....	2,502,329	2,511,247	20,271	26,578	163,791	159,072	390,590	361,398	537,756	481,230	26,130,091	25,910,032	4,313,604	4,288,295	30,443,695	30,198,327
1909....	2,328,990	2,358,556	14,800	13,198	97,473	99,791	373,271	364,537	492,769	421,984	25,840,136	25,388,848	4,402,994	4,215,208	30,243,130	29,604,056
1910....	2,430,366	2,448,944	11,868	13,363	99,556	100,329	388,325	386,515	647,111	561,981	26,702,566	26,313,894	4,214,228	4,196,060	30,916,794	30,509,954
1911....	2,614,648	2,562,942	6,285	6,177	108,077	98,736	443,744	422,097	762,476	622,570	28,155,340	27,871,265	4,301,783	4,427,348	32,457,123	32,298,613
1912....	2,749,596	2,731,693	9,402	9,938	114,076	109,804	436,802	408,726	850,771	748,461	30,087,422	29,912,495	4,571,664	4,793,523	34,659,086	34,706,018
1913....	2,833,567	2,862,537	14,320	14,979	129,735	129,635	391,046	373,832	903,617	809,573	32,731,535	32,276,800	5,241,301	5,289,152	37,972,836	37,565,952
1914....	3,116,806	3,160,665	14,836	13,974	155,632	155,876	403,374	398,568	1,036,598	891,485	34,616,495	34,558,005	5,435,794	5,185,207	40,052,289	39,743,212
1915....	3,706,265	3,687,631	11,927	9,644	178,903	154,868	533,550	519,862	1,451,089	1,415,010	28,202,065	28,347,399	6,829,905	7,110,462	35,031,970	35,457,861
1916....	3,761,886	3,770,416	23,494	29,571	257,423	257,797	633,397	666,871	2,064,526	2,104,468	28,298,292	29,181,735	9,445,887	9,762,857	37,744,179	38,944,592