No. 193.—PUBLIC ROADS: Mileage of Roads and Number of Bridges Built by State or State Aid, Mileage of Roads Maintained with State Aid, and Mileage of All State and State-Aid Roads Built, with Mileage of Public Rural Roads, Jan. 1, 1918, by States.

[Source: Public Roads, Vol. I, No. 3, for July, 1918, Office of Public Roads and Rural Engineering, Department of Agriculture].

State.	Work done in 1917 under State supervision.			Total all State and State-aid roads built to Jan. 1, 1918.	Mileage of rural public roads.		
	State and State-aid roads built.	Roads maintained with State aid.	Bridges built by State or State aid.		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	[1] 67		3	726	6,050	55,446	10.9
Arizona	[2] 50	270	8	422	425	12,075	3.5
Arkansas	225		10	759	1,725	50,743	3.4
California	313	2,213	17	2,220	12,800	61,039	20.9
Colorado	[3] 1,120	4,000	[4] 145	[5] 8,425	2,500	39,780	6.3
Connecticut	59	1,457	8	[6] 1,686	3,160	14,061	22.4
Delaware		19		160	300	3,674	8.2
Florida					3,800	17,995	21.1
Georgia	[7] 7		2	7	13,200	80,669	16.4
Idaho	[7] 75	451	76	488	825	24,396	3.4
Illinois	[8] 470	449	88	1,237	12,750	95,647	13.3
Indiana					31,000	73,347	42.5
Iowa	[9] 1,332	109,000	[10] 45,000	1,338	1,400	104,074	1.3
Kansas					1,500	111,052	1.3
Kentucky	[11] 698			2,000	13,900	57,916	24.0
Louisiana	83	500		837	2,700	24,563	11.0
Maine	170	3,750	[12] 19	1,968	3,420	23,537	14.5
Maryland	96	1,189	6	1,400	3,000	16,459	18.2
Massachusetts	[13] 158	1,559	24	2,094	9,050	18,681	47.5
Michigan	1,053	3,940	24	4,993	10,600	74,190	14.3
Minnesota	[14] 1,984	11,439	[15] 749	11,995	6,900	93,517	7.4
Mississippi					2,700	45,779	5.9
Missouri	28	11,361		([16])	7,500	96,041	7.8
Montana	20		38	59	850	39,204	2.2
Nebraska			6		1,400	80,272	1.8
Nevada					340	12,182	2.8
New Hampshire	[17] 82	1,388		1,362	1,975	14,020	14.1
New Jersey	66	2,500	4	2,120	6,050	14,817	41.0
New Mexico	75	2,200	21	921	600	11,873	5.0
New York	410	6,639	[18] 679	7,175	18,400	79,398	23.2
North Carolina					6,850	50,758	13.5
North Dakota	7			7	1,150	68,796	1.7
Ohio	289	2,053	850	1,650	31,800	86,354	36.8
Oklahoma	[19] 794	2,153	[19] 1,904	2,694	500	107,916	.5
Oregon [11]	75			488	4,950	36,819	13.4
Pennsylvania	[20] 10	8,844	83	2,000	10,600	91,556	11.6
Rhode Island		325	7	325	750	2,170	34.5
South Carolina					3,800	42,226	9.0
South Dakota					800	96,306	.8
Tennessee		3,200		150	8,875	46,050	19.2
Texas					12,100	128,960	9.4
Utah	[21] 200	3,000	40	3,640	1,550	8,810	17.5
Vermont	116	4,339	64	2,127	2,220	14,249	15.7
Virginia	[22] 523	2,153	47	4,986	5,900	53,388	11.0
Washington	324			2,301	6,225	42,428	14.7
West Virginia	([16])	([16])			1,600	32,024	5.0
Wisconsin	[23] 1,000		231	6,070	15,250	77,280	19.8
Wyoming	7		8	7	550	14,797	3.8
Total and average	11,996	181,391	50,161	80,933	296,290	2,457,334	12.0

[1] Includes 25 miles of earth roads.
[2] Includes 16 miles of earth roads.
[3] Includes 1,000 miles of earth roads.
[4] Also 1,300 culverts.
[5] Includes about 6,500 miles of earth roads.
[6] Includes about 200 miles of reconstruction.
[7] All earth roads.
[8] Includes 174 miles of earth roads.
[9] Includes 921 miles of earth roads.
[10] Includes culverts.
[11] Includes 132 miles of earth roads.
[12] 11 not completed.
[13] Includes 6 miles of earth roads.
[14] Includes 1,570 miles of earth roads.
[15] Includes 415 culverts.
[16] No data.
[17] Includes 13 miles of earth roads.
[18] Town bridges.
[19] Includes 549 miles of earth roads.
[20] Also 199 miles resurfaced.
[21] Includes 150 miles of earth roads.
[22] Also 129 miles of reconstruction. Includes 90 miles of earth roads.
[23] Includes 527 miles of earth roads.

No. 194.—PUBLIC ROADS: Sources of Funds and Distribution of Expenditures Under Specified Heads, with Local Road and Bridge Expenditures not Under Highway Departments, 1917, and State Funds Available, 1918, by States.

[Source: Public Roads, Vol. I, No. 3, for July, 1918, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Source of funds.			Distribution of expenditures.						State funds available 1918.	Local road and bridge expenditures, 1917, 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	89,511	79,511	169,021.78	131,530	17,643	.....	9,849	10,000	.....	154,000	2,500,000
Arizona	543,422	.....	543,422.44	289,353	136,856	57,288	40,500	19,426	.....	1,000,000	1,026,000
Arkansas	80,262	1,545,000	1,625,262.17	1,345,000	200,000	.....	80,262	(1)	.....	300,000	1,710,000
California	3,058,030	128,170	3,186,200.00	1,918,740	(2)	687,100	79,000	129,870	[3] 371,490	2,500,000	[4] 15,059,000
Colorado	703,000	767,000	1,470,000.00	862,000	[5] 270,000	270,000	.....	68,000	.....	900,000	1,100,000
Connecticut	2,197,264	330,962	2,528,225.49	[6] 1,029,410	271,260	994,402	145,058	22,778	65,317	3,600,000	1,476,000
Delaware[7]	21,600	.....	21,600.00	.....	.....	1,286	9,029	5,775	5,510	200,000	300,000
Florida	23,797	.....	23,797.39	.....	.....	.....	12,036	7,207	4,554	200,000	6,361,000
Georgia	1,910	16,440	18,350.00	9,500	500	.....	7,450	900	.....	10,000	4,300,000
Idaho	473,132	369,591	842,723.00	391,676	134,219	126,806	115,732	19,157	55,133	600,000	1,250,000
Illinois	1,258,338	1,810,390	3,068,728.42	2,735,935	46,683	40,503	166,075	60,000	19,534	2,000,000	7,015,000
Indiana	14,000	.....	14,000.43	2,539	.....	.....	2,360	6,904	2,197	1,050,000	14,000,000
Iowa	89,787	15,535,619	15,625,406.22	2,506,241	[5] 6,223,637	5,685,781	[8] 370,144	89,787	749,817	700,000	.....
Kansas[7]	10,000	.....	10,000.00	.....	.....	.....	(9)	10,000	.....	25,000	6,000,000
Kentucky	1,501,650	1,422,000	2,923,651.00	2,844,002	(2)	.....	46,049	23,600	10,000	950,000	2,000,000
Louisiana	182,295	358,681	540,976.02	430,708	35,984	9,841	42,107	20,060	2,276	200,000	3,000,000
Maine	1,112,675	632,308	1,744,982.04	1,019,755	150,973	438,676	53,693	37,734	44,154	1,000,000	1,500,000
Maryland	2,804,707	278,975	3,083,681.94	1,857,549	387,065	730,652	80,110	26,313	1,993	3,000,000	3,000,000
Massachusetts	4,231,802	601,000	4,832,802.00	2,261,354	78,195	2,090,000	281,891	57,339	114,023	4,000,000	4,662,000
Michigan	1,704,359	3,968,794	5,673,153.00	5,125,224	187,751	247,178	62,000	43,000	8,000	2,000,000	5,517,000
Minnesota	1,429,865	2,722,895	4,152,759.54	2,290,541	[10] 922,346	672,039	267,834	(1)	.....	1,600,000	3,872,000
Mississippi	6,500	.....	6,500.00	.....	.....	.....	(9)	6,500	.....	6,500	3,250,000
Missouri[7]	367,913	7,021	374,933.38	190,645	.....	148,068	7,735	12,038	16,447	1,250,000	7,000,000
Montana[1]	25,729	239,140	264,869.34	15,500	223,640	.....	19,671	6,058	.....	150,000	3,092,000
Nebraska[7]	[11] 9,500	93,900	103,400.00	.....	94,000	4,200	5,200	(11)	.....	450,000	4,500,000

Nevada [7]	36,796		36,795.85				16,766	20,030		300,000	300,000
New Hampshire	589,254	449,451	1,038,704.78	448,002		505,014	26,608	27,634	31,448	650,000	1,200,000
New Jersey	1,501,902	2,778,995	4,280,897.40	758,049	56,023	3,302,333	85,834	59,271	19,388	5,500,000	2,000,000
New Mexico	280,578	265,289	545,867.40	233,526	60,000	159,800	28,419	20,912	43,210	350,000	300,000
New York	9,432,679	2,282,452	[12] 11,715,130.65	5,635,027		4,537,709	1,108,622	273,874	159,899	14,000,000	[13] 9,970,000
North Carolina [14]	20,000		20,000.00				(9)	20,000		300,000	5,500,000
North Dakota [14]	28,638	1,341	29,979.26	[15] 1,676			23,260	5,043		250,000	2,838,000
Ohio	2,835,649	2,181,456	5,017,104.49	3,171,895	288,117	1,145,886	239,576	116,669	54,961	4,000,000	7,000,000
Oklahoma	286,922	2,888,433	3,175,355.25	374,653	1,486,525	705,136	147,684	12,715	448,642	1,750,000	547,000
Oregon	711,000		711,000.28	475,418	9,172		143,639	34,131	48,641	1,500,000	5,000,000
Pennsylvania	4,351,566	111,768	4,463,333.19	251,959	80,445	3,347,906	75,318	206,121	[16] 501,584	6,000,000	7,000,000
Rhode Island	486,725		486,724.84		40,262	387,116	43,054	5,000	11,293	750,000	375,000
South Carolina [7]	27,161		27,160.75				8,500	3,500	15,161	25,000	1,250,000
South Dakota [17]	5,000		5,000.00				(9)	5,000		100,000	2,750,000
Tennessee	231,500	50,000	281,500.00			250,000	9,800	21,700		1,100,000	2,200,000
Texas [17]	10,000		10,000.00				7,000	3,000		600,000	10,000,000
Utah	120,200	822,929	943,129.44	471,553	48,393	264,538	33,428	44,043	81,175	750,000	950,000
Vermont	578,883	376,606	955,489.01	466,881	45,114	402,010	2,472	39,013		600,000	725,000
Virginia	695,171	1,641,608	2,336,778.74	1,754,243	144,102	298,868	109,165	20,896	9,505	1,400,000	1,800,000
Washington	2,031,392	92,299	2,123,690.53	1,896,821	(2)	[18] 138,596	61,883	26,391		3,500,000	4,992,000
West Virginia [17]		2,700,000	2,700,000.00	2,400,000	300,000					350,000	5,500,000
Wisconsin	1,050,888	3,335,666	4,386,554.00	3,650,560	431,206		61,919	77,869	[19] 165,000	2,430,000	5,500,000
Wyoming [7]	37,845	2,846	40,690.65	673	5,992		24,052	9,444	529	70,000	549,000
Total and average	47,290,796	50,888,536	98,179,332.11	49,248,138	[20] 12,376,103	27,648,732	[20] 4,110,784	[20] 1,734,702	3,060,881	74,120,500	181,736,000

[1] Included under engineering.
[2] Included under roads.
[3] Consists largely of engineering for future construction.
[4] Does not include San Francisco County.
[5] Includes culverts.
[6] Includes $80,085.34 for elimination of dangerous conditions on trunk-line highways.
[7] State Highway Department organized during year.
[8] By counties.
[9] Included under administration.
[10] Includes 415 culverts.
[11] Remainder not segregated from expenditures of irrigation department.
[12] State and county highways only.
[13] Town highways and bridges, includes $2,664,000 of State funds.
[14] Estimated; exact data not obtainable.
[15] Does not include $58,945.43 of local funds expended under supervision of State engineer's office.
[16] Includes $256,188 for the purchase of turnpikes and about $150,000 for operating the expenses of offices and traveling expenses.
[17] Complete data not available.
[18] To June 15, 1917, only.
[19] County supervision.
[20] Partial totals.

No. 195.—PUBLIC ROADS: YEAR OF PASSAGE OF FIRST STATE-AID LAW, STATE FUNDS EXPENDED UNDER STATE HIGHWAY DEPARTMENTS, AND TOTAL CASH EXPENDITURES, 1904, 1913, AND 1917, AND TOTAL STATE FUNDS EXPENDED FOR ROAD WORK FROM PASSAGE OF LAW TO JAN. 1, 1918, BY STATES.

Source: Public Roads, Vol. 1, No. 3, for July, 1918, 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, 1918.
		1904	1913	1917	1904	1913	1917	
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	1911	.....	127,005	89,511	378,040	2,960,753	2,669,022	778,338
Arizona	1909	.....	274,631	543,422	67,591	675,000	1,569,422	2,024,012
Arkansas	1913	.....	25,000	80,262	681,934	1,611,000	3,335,262	300,745
California	1895	11,251	2,032,084	3,058,030	2,157,396	11,934,244	18,245,200	23,915,085
Colorado	1909	.....	473,246	703,000	635,395	1,943,000	2,570,000	2,335,379
Connecticut	1895	219,165	3,483,575	2,197,264	1,195,125	4,734,000	4,004,225	20,592,791
Delaware	1903	14,000	31,000	21,600	90,803	370,480	321,600	277,295
Florida	1915	.....	.....	23,797	437,184	2,500,000	6,384,797	35,416
Georgia	1908	.....	.....	1,910	894,936	2,900,000	4,318,350	1,910
Idaho	1905	.....	68,000	473,132	201,648	1,000,000	2,092,723	1,146,001
Illinois	1905	.....	100,000	1,258,338	3,844,424	6,600,000	10,083,728	4,064,167
Indiana	1917	.....	.....	14,000	3,438,389	9,750,000	14,014,000	14,000
Iowa	1904	.....	53,000	89,787	2,344,107	8,053,000	15,625,406	436,543
Kansas	1911	.....	9,500	10,000	692,823	5,164,860	6,010,000	50,000
Kentucky	1912	.....	15,000	1,501,650	1,161,194	1,948,000	4,923,651	2,826,711
Louisiana	1910	.....	111,000	182,295	345,452	2,258,000	3,540,976	973,155
Maine	1901	44,885	563,541	1,112,675	1,472,393	2,046,284	3,244,982	8,033,134
Maryland	1898	.....	1,589,253	2,804,707	873,471	3,089,253	6,083,082	22,667,849
Massachusetts	1892	575,606	2,266,068	4,231,802	2,871,222	5,566,068	9,494,802	25,933,030
Michigan	1905	.....	355,757	1,704,359	1,816,504	6,310,757	11,190,153	5,869,099
Minnesota	1905	.....	503,186	1,429,865	1,607,417	4,003,186	8,024,760	7,108,564
Mississippi	1915	.....	.....	6,500	339,669	2,000,000	3,256,500	13,000
Missouri	1907	.....	408,192	367,913	1,570,801	6,058,708	7,374,933	2,641,945
Montana	1913	.....	2,484	25,729	308,744	1,813,000	3,356,869	86,225
Nebraska	1911	.....	52,428	9,500	494,886	2,313,616	4,603,400	497,350
Nevada	1911	.....	.....	36,796	46,876	174,177	336,796	56,796
New Hampshire	1903	44,000	475,449	589,254	872,606	1,475,449	2,238,705	4,263,712
New Jersey	1891	250,000	1,131,891	1,501,902	3,274,811	4,131,891	6,280,897	11,025,321
New Mexico	1909	.....	121,631	280,578	35,458	424,544	845,867	1,329,217
New York	1898	1,056,460	13,820,934	9,432,679	3,937,729	20,759,628	21,085,131	115,464,832
North Carolina	1901	.....	5,000	20,000	624,381	2,338,942	5,520,000	68,500
North Dakota	1909	.....	.....	28,638	456,130	1,023,569	2,867,979	28,638
Ohio	1904	.....	738,174	2,835,649	4,776,318	11,642,940	12,017,104	17,394,548
Oklahoma	1911	.....	5,000	286,922	447,320	3,379,180	3,722,355	617,245
Oregon	1913	.....	5,008	711,000	649,718	3,260,000	5,711,000	1,295,637
Pennsylvania	1903	127,767	4,606,232	4,351,566	4,887,266	10,471,000	11,463,333	38,816,129
Rhode Island	1902	79,397	715,664	486,725	376,812	997,440	861,725	4,937,661
South Carolina	1917	.....	.....	27,161	334,082	1,000,000	1,277,161	27,161
South Dakota	1911	.....	.....	5,000	268,723	1,250,000	2,755,000	5,000
Tennessee	1915	.....	.....	231,500	629,141	2,000,000	2,481,500	435,000
Texas	1917	.....	.....	10,000	2,543,613	7,269,592	10,010,000	10,000
Utah	1909	.....	97,000	120,200	158,286	597,000	1,893,129	1,109,322
Vermont	1898	127,381	505,000	578,883	567,397	1,181,039	1,680,489	4,883,247
Virginia	1906	.....	368,206	695,171	687,751	2,664,311	4,136,779	3,951,245
Washington	1905	.....	1,383,770	2,031,392	1,344,842	5,443,280	7,115,691	10,443,853
West Virginia	1909	.....	3,500	.....	587,870	1,045,853	8,200,000	[1] 141,945
Wisconsin	1911	.....	903,000	1,050,888	1,924,026	7,000,000	9,886,554	6,219,889
Wyoming	1911	.....	8,763	37,845	74,476	374,149	580,691	81,082
Total	.....	2,549,912	37,438,172	47,290,796	59,427,180	187,524,193	279,915,332	355,228,634

[1] Of this $118,000 was returned to the counties in 1911 by act of legislature.

No. 196.—MOTOR CARS: REGISTRATIONS, NUMBER OF, AND TOTAL GROSS REVENUES, 1915, 1916, AND 1917, BY STATES.

Source: Public Roads, Vol. I, No. 1, for May, 1918, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Motor-car registrations.[1]			Total gross revenues.		
	1915	1916	1917	1915	1916	1917
	Number.	*Number.*	*Number.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	11,634	21,636	32,873	180,744	203,655	217,700
Arizona	7,753	12,300	19,890	45,579	73,000	117,643
Arkansas	8,021	15,000	28,693	80,551	150,000	205,176
California	163,797	232,440	306,916	2,027,432	2,192,699	2,846,030
Colorado	28,894	43,296	87,460	120,801	197,795	296,808
Connecticut	41,121	56,048	74,645	536,970	768,728	1,080,757
Delaware	5,052	7,102	10,700	55,596	85,249	133,883
District of Columbia	8,009	13,118	15,493	29,396	47,624	55,928
Florida	[2] 10,850	20,718	[3] 27,000	[3] 60,000	127,176	[3] 170,000
Georgia	25,000	46,025	70,324	125,000	154,735	229,653
Idaho	7,071	12,999	24,731	121,259	213,758	412,641
Illinois	180,832	248,429	340,292	924,906	1,236,566	1,588,835
Indiana	96,915	139,065	192,194	587,318	817,285	1,096,159
Iowa	145,109	198,587	254,462	1,533,054	1,776,170	2,249,655
Kansas	72,520	112,122	159,343	387,588	585,762	830,878
Kentucky	19,500	31,500	47,420	117,117	184,741	287,314
Louisiana	11,380	17,000	28,394	75,600	112,000	166,835
Maine	21,545	30,972	41,499	268,412	363,562	491,696
Maryland	31,047	44,245	60,943	386,565	565,302	807,395
Massachusetts	102,633	136,809	174,274	1,235,724	1,602,958	1,969,994
Michigan	114,845	160,052	247,006	373,833	1,739,344	2,471,271
Minnesota	93,269	[4] 46,000	[5] 54,009	[3] 160,540	82,469	100,000
Mississippi [3]	9,669	25,000	36,600	76,700	175,000	250,000
Missouri	76,462	103,587	147,528	323,289	439,315	617,942
Montana	14,540	25,105	42,749	33,120	52,768	290,936
Nebraska	59,000	101,200	148,101	[3] 183,000	311,334	451,303
Nevada	2,009	4,919	7,160	7,875	20,116	31,166
New Hampshire	13,449	17,508	22,267	257,776	344,434	425,305
New Jersey	81,848	109,414	141,918	1,062,923	1,406,806	1,923,164
New Mexico	5,100	8,228	14,086	29,625	47,865	80,843
New York	255,242	314,222	406,016	1,991,181	2,658,042	4,284,144
North Carolina	21,000	33,904	55,950	123,000	206,101	321,923
North Dakota	24,908	40,446	62,993	79,245	125,283	211,536
Ohio	181,332	252,431	346,772	984,622	1,286,405	1,766,427
Oklahoma	25,032	52,718	100,199	154,892	555,011	853,659
Oregon	23,585	33,917	48,632	108,881	146,232	196,787
Pennsylvania	160,137	230,578	325,153	1,665,276	2,325,057	3,258,025
Rhode Island	16,362	21,406	37,046	206,440	264,737	346,117
South Carolina [3]	15,000	[6] 25,000	38,332	15,000	10,000	113,557
South Dakota	28,724	44,271	67,158	[3] 180,000	140,746	210,592
Tennessee	[7] 7,618	[3] 30,000	48,000	[3] 34,000	186,953	322,200
Texas [3]	40,000	[6] 125,000	192,961	20,000	20,000	858,978
Utah	9,177	13,507	24,076	[3] 60,000	93,494	170,707
Vermont	11,499	15,671	21,633	218,480	297,992	363,541
Virginia	21,357	35,426	55,661	176,875	271,266	518,566
Washington	38,823	60,734	91,337	238,717	350,052	519,526
West Virginia	13,279	20,571	31,300	128,952	198,436	359,339
Wisconsin	79,741	115,645	158,637	431,977	615,721	861,278
Wyoming	3,976	7,125	12,523	19,880	35,625	57,421
Total	2,445,664	3,512,996	4,983,340	18,245,711	25,865,370	37,501,233

[1] Does not include motorcycles nor dealers' and manufacturers' licenses.
[2] State registrations only.
[3] Estimated.
[4] Cars registered during 1916; total number of cars approximately 138,000.
[5] Cars registered, 1917.
[6] Estimated number of cars in State.
[7] Registrations 1915 only.

No. 197.—MOTOR VEHICLES: Registration and Licenses, Number of, Revenues Under Specified Heads, Fines and Penalties Turned Into State Road Funds, Total Registration and License Revenues, Average Return per Registration, and Population per Motor Car and Motor Cars per Mile of Public Rural Road, 1917, by States.

[Source: Public Roads, Vol. I, No. 1, for May, 1918, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Automobiles.	Motor trucks and commercial vehicles.	Motorcycles.	Reregistrations or transfers.	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.	Population per motor car.	Motor cars per mile of public rural road.
									By or under State highway department.	Under direction of local authorities.			
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Alabama	26,952	[1] 5,921	1,240		1,631	110		217,700.00			6.62	72	0.6
Arizona	19,890	(2)	868	1,037	911	230		117,643.00	117,643.00		5.91	13	1.6
Arkansas	28,693	(2)		445	485		354.00	205,176.50	191,175.00		7.15	62	.6
California	[3] 306,916	(2)	30,489		315,935	2,649		2,846,030.00	1,247,268.80	1,247,268.80	9.27	10	5.0
Colorado	87,460	(2)	4,504	4,598	76,141	2,133		296,808.00	136,615.65	136,615.65	3.39	11	2.2
Connecticut	62,723	[4] 11,922	4,925	8,984	100,812	160	33,810.23	1,080,757.31	1,080,757.31		14.48	20	4.5
Delaware	10,700	(2)	730	1,045	12,590	510		133,883.00	83,883.00		12.51	20	2.9
District of Columbia	[5] 15,493	(2)	(2)		12,471			55,928.00			3.61	24	
Florida [6]	27,000	(2)	800					170,000.00	25,500.00	144,500.00	6.30	34	1.5
Georgia	70,324	(2)	1,600	1,284	4,190	586		229,653.00		143,514.00	3.27	41	.9
Idaho	23,771	960	752	313	1,182	497		412,641.48	103,160.37	309,481.11	16.69	18	1.0
Illinois	340,292	(2)	13,740		43,679	3,745		1,588,834.69	1,588,834.69		4.67	18	3.6
Indiana	192,194	(2)	10,315	2,562	5,063	1,121		1,096,159.08		899,818.07	5.70	15	2.6
Iowa	254,462	(2)	4,187	32,015		2,753		2,249,655.19	112,482.76	2,024,689.67	8.84	9	2.4
Kansas [7]	159,343	(2)	5,599			1,575		830,878.00		787,619.50	5.21	11	1.4
Kentucky	47,420	(2)	1,450		2,500			287,314.13	257,300.00		6.06	51	.8
Louisiana	28,394	(2)	382	352		403		166,834.67		150,151.32	5.88	65	1.2
Maine	38,117	3,382	1,516	(2)	47,568	442		491,696.30	487,873.00		11.84	19	1.8
Maryland	56,787	[8] 4,156	5,436	3,314	40,264	2,786	38,509.97	807,395.45	580,612.69	145,153.17	13.25	23	3.7
Massachusetts	147,310	26,964	11,065	(2)	214,229	2,379	83,640.00	1,969,994.00	1,731,552.00		11.30	21	9.3
Michigan	226,693	20,313	8,727	11,534	446,850	938		2,471,270.77	1,272,246.66	1,199,024.11	10.00	12	3.3
Minnesota	[9] 54,000	(2)	11,000	400	3,500	500		[6] 100,000.00	50,000.00		1.85	43	.6
Mississippi [6]	35,000	1,600	900		(10)			250,000.00		175,000.00	6.83	54	.8
Missouri	147,528	(2)	4,179	4,891	169,067	1,392		617,942.50	572,372.30		4.19	23	1.5
Montana	42,749	(2)	923	854	3,056	333		290,936.00	130,921.20	130,921.20	6.81	11	1.1

Nebraska	143,101	(2)	3,500			1,600		451,303.00		400,000.00	3.05	9	1.8
Nevada	6,885	275	215			46		31,166.00		31,166.00	4.35	16	.6
New Hampshire	[11] 22,267	(2)	2,218	2,400	27,645	197	3,974.82	425,305.09	376,773.63		19.10	20	1.6
New Jersey	134,964	[12] 6,954	13,198	26,114	177,568	1,242	54,664.25	1,923,163.63	1,887,965.21		13.55	21	9.6
New Mexico	14,086	(2)	345			161		80,843.50	35,739.34	35,739.34	5.74	31	1.2
New York	338,682	[13] 67,334	28,775		133,686	2,728		4,284,144.00	2,222,130.12	2,061,983.88	10.55	30	5.1
North Carolina	55,950	(2)	1,245	4,651		540		321,922.63	214,114.41	12,835.92	5.75	43	1.1
North Dakota	62,993	(2)	1,834	480		1,016		211,536.12	105,707.82	72,164.14	3.36	12	.9
Ohio	346,772	(2)	21,892	8,989		3,576		1,766,426.88	1,609,781.02		5.09	15	4.0
Oklahoma	100,199	(2)	2,368			1,500		853,658.91	768,293.02		8.52	23	.9
Oregon	48,632	(2)	3,400		3,476	375		196,787.50	167,834.34		4.05	18	1.3
Pennsylvania	[14] 306,001	[15] 19,152	24,567	23,287	178,417	7,891		3,268,025.50	3,268,025.50		10.05	27	3.6
Rhode Island	30,267	6,779	1,133	3,011	35,388	65	7,535.00	346,117.50	313,350.94		9.34	17	17.1
South Carolina [7]	38,332	(2)	1,250	1,000		650		113,556.71	22,157.49	88,629.98	2.96	43	.9
South Dakota	67,158	(2)	1,554	1,900		1,012		210,592.00		179,003.20	3.14	11	.7
Tennessee	48,000	(2)	1,000	1,400		480		322,200.00	289,980.00		6.71	48	1.0
Texas [7]	192,961	(2)	3,468	6,359	12,714	10,008		858,978.50	720,119.85		4.45	24	1.5
Utah	21,576	2,500	1,385	100	1,547	161		170,707.25	[16] 170,707.25		7.09	19	2.4
Vermont	20,367	1,266	758	1,817	23,265	167		363,540.93	326,032.00		16.80	17	1.4
Virginia	55,661	(2)	2,135	(2)	3,530	400		518,565.84	492,170.47		9.32	40	1.0
Washington	79,680	11,657	6,320			2,385		519,526.00		435,129.00	5.69	18	2.2
West Virginia [7]	31,300	(2)	825	1,250	2,713	525		359,339.45	276,048.62		11.48	46	1.0
Wisconsin	158,637	(2)	8,458	4,663		2,171		861,278.00	198,768.36	596,305.07	5.43	16	2.1
Wyoming	12,523	(2)	352			115		57,421.00		45,992.80	4.59	15	.8
Total	4,792,205	[17] 191,135	257,522	[17] 162,049	[17] 2,101,073	64,253	[17] 222,488.27	37,501,237.01	23,235,897.82	11,452,705.93	7.62	21	2.0

[1] Includes all trucks and cars used for hire.
[2] Included under automobiles.
[3] Does not include 2,750 nonresident and 5,134 exempt cars.
[4] Does not include 2,038 public-service registrations.
[5] Includes motor trucks and motor cycles.
[6] Approximate; exact data not obtainable.
[7] Includes only period from July 1 to Dec. 31.
[8] Does not include 3,051 hiring and bus licenses.
[9] Registrations during 1917. Total registrations for 3-year period, 192,000.
[10] Registration not required.
[11] Does not include 1,721 nonresident registrations.
[12] Includes only cars weighing more than 4,000.
[13] Includes 11,932 omnibuses.
[14] Does not include 2,827 tractors and 854 trailers.
[15] Includes only vehicles with solid tires.
[16] Used to pay interest and sinking fund on $2,000,000 road bond.
[17] Partial totals.

No. 198.—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 1918.

[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	18,958,219	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	70,980,476	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	54,185,930	2,100,266	107,740,268
1901	76,945	511,808	111,681,193	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	203,562,383	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
1917	55,418	479,487	329,726,116	111,522,255	3,155,433	319,838,718
1918	54,345	472,726	388,975,962	110,969,482	3,719,230	324,833,728

No. 199.—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 1918.

[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	179,334	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	266,031	234,175	502,937,359	61,244,668	.1292	19,318	28,804,947
1917	.....	[3] 261,500	[3] 571,611,960	[3] 58,866,198	.1029	18,976	29,234,597
1918	.....	260,530	535,765,655	55,569,923	.1037	20,164	28,789,142

[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] Changes from preceding year are due principally to change from weight to space system, effective Nov. 1, 1916.

No. 200.—NUMBER AND WEIGHT OF PARCEL-POST PACKAGES DISPATCHED TO AND RECEIVED FROM FOREIGN COUNTRIES: YEARS ENDED JUNE 30, 1916 AND 1917, AND WEIGHT OF CORRESPONDING PACKAGES DISPATCHED IN THE YEAR ENDED JUNE 30, 1918, WITH PERCENTAGES OF INCREASE OR DECREASE AS COMPARED WITH THE PRECEDING YEAR, BY COUNTRIES.

[Source: The Post Office Department.]

1916.

Country.	Dispatched.				Received.			
	Number.	Per cent of increase (+) or decrease (−).	Weight.	Per cent of increase (+) or decrease (−).	Number.	Per cent of increase (+) or decrease (−).	Weight.	Per cent of increase (+) or decrease (−).
			Pounds.				*Pounds.*	
Argentina [1]	13,089	.....	62,325	.....	1,157	.....	5,142	.....
Australia	38,387	+ 43.98	184,917	+ 72.43	7,869	+ 47.58	41,834	+ 80.80
Austria [2]	8,008	− 46.46	61,649	− 9.94	.....	.....	.....	.....
Bahamas	6,980	+ 42.48	18,941	+ 59.57	762	+ 14.93	2,067	+ 18.79
Barbados	10,841	+ 66.09	36,551	+ 71.29	1,668	+ 37.97	3,082	+ 35.41
Bermuda	11,141	+ 33.11	33,466	+ 47.29	2,517	+ 5.80	5,781	+ 3.12
Bolivia	11,228	+130.13	91,628	+144.32	302	+ 92.36	1,372	+ 234.63
Brazil	14,800	+114.84	81,616	+148.20	356	+ 69.52	1,419	+ 45.24
British Guiana	3,252	+ 23.28	11,068	+ 37.95	387	+ 11.85	1,049	+ 22.40
British Honduras	6,158	+ 20.18	17,928	+ 9.31	551	+ 47.72	1,408	+ 71.71
Chile	26,395	+130.36	176,972	+186.39	1,637	+ 6.44	7,340	+ 30.28
China	15,453	+ 88.54	69,317	+131.73	5,534	+ 90.43	23,190	+ 160.74
Colombia	30,310	+133.74	561,524	+145.04	1,508	+ 52.02	5,840	+ 42.82
Costa Rica	16,974	+ 54.48	103,269	+ 69.97	940	+ 54.10	3,755	+ 84.79
Curaçao	5,077	+103.08	17,928	+124.38	268	+ 66.45	720	+ 57.55
Danish West Indies	5,500	+ 28.00	16,546	+ 34.65	399	+ 50.00	1,072	+ 53.58
Denmark	23,901	+ 76.09	124,932	+217.68	39,378	+ 369.90	352,469	+ 923.22
Dominican Republic	12,929	+ 65.46	61,626	+ 76.92	174	+ 29.85	723	+ 81.66
Dutch Guiana	922	+ 59.24	3,213	+ 85.62	121	+ 37.50	495	+ 60.19
Ecuador	26,009	+ 63.87	190,406	+ 76.11	637	+ 72.63	2,411	+ 67.09
France	35,272	+108.22	148,760	+161.57	6,308	+ 29.36	60,790	+ 73.56
French Colonies	902	+ 39.20	3,584	+ 80.10	101	+ 94.23	605	+ 271.16
Germany [2,3]	31,796	− 23.00	241,685	+ 9.31	69,760	+ 71.47	595,732	+ 102.50
Gibraltar	297	+296.00	902	+251.09	37	+ 164.29	125	+ 204.88
Great Britain	441,857	+ 30.87	1,569,725	+ 82.52	196,978	+ .29	1,114,758	+ 9.50
Greece	7,649	+ 28.12	28,850	+ 73.53	1,155	− 3.43	7,083	+ 44.73
Guatemala	18,937	+ 86.42	122,862	+101.02	1,565	+ 128.13	5,518	+ 116.56
Haiti	5,196	+125.52	24,807	+195.11	118	+ 126.92	444	+ 128.87
Honduras	20,603	+ 2.04	136,780	+ 2.35	488	+ 68.86	1,649	+ 53.82
Hongkong	7,898	+ 90.87	33,803	+118.55	1,982	+ 2.85	6,695	+ 27.74
Hungary [2]	18,888	+125.99	139,435	+219.53	22	−2,822.73	86	−3,603.49
Italy	84,069	+ 50.36	380,614	+159.88	13,010	− 45.56	97,783	− 43.96
Jamaica	28,735	+ 29.38	81,460	+ 39.23	4,018	− .81	8,260	− .89
Japan	51,019	+ 80.46	190,998	+ 55.22	51,731	+ 16.14	221,610	+ 20.91
Leeward Islands	6,585	+ 51.62	23,050	+ 56.67	662	+ 20.80	1,585	+ 18.19
Liberia	574	+ 21.87	3,067	+ 58.42	.....	.....	.....	.....
Mexico	38,698	+ 58.51	190,810	+ 53.09	2,926	− 11.28	9,790	− 3.89
Netherlands [2]	8,963	− 5.08	66,480	+ 68.91	1,427	− 73.69	9,764	− 75.4
Newfoundland	11,441	+ 19.73	28,599	+ 39.13	2,400	+ 17.24	4,439	+ 2.73
New Zealand	19,039	+ 57.02	93,850	+103.25	1,925	+ 21.91	6,283	+ 25.28
Nicaragua	12,511	+ 55.15	68,349	+ 65.29	237	+ 17.91	799	+ 24.26
Norway	30,160	+ 17.56	87,475	+ 46.51	15,096	+ 9.90	61,725	+ 73.69
Panama	20,834	+ 43.06	86,587	+ 40.18	1,049	− 4.38	2,628	− 4.89
Peru	23,084	+121.96	155,319	+148.24	1,011	+ 17.56	3,342	+ 26.11
Salvador	10,119	+ 94.41	70,154	+108.48	273	+ 118.40	1,097	+ 105.05
Sweden	47,328	+ 37.43	202,085	+149.20	6,642	− 15.84	29,304	− 18.19
Trinidad	7,824	+ 38.43	26,623	+ 49.37	992	+ 4.31	2,412	− 44.25
Uruguay	5,479	+116.65	28,839	+132.22	272	+ 52.81	930	+ 82.71
Venezuela	16,911	+ 46.04	99,533	+ 55.68	538	+ 2.48	2,507	+ 8.43
Windward Islands	2,566	+ 55.89	8,126	+ 65.26	419	+ 33.87	1,188	+ 51.34
Total	1,352,639	+ 44.46	6,269,093	+ 87.22	449,307	16.30	2,720,100	37.86
Average weight per parcel	.....	.....	4.64	.....	.....	.....	6.05	.....

[1] Parcel-post convention with Argentina effective Oct. 15, 1915.
[2] Service to Germany, Austria, and Hungary suspended Nov. 13, 1915; service to the Netherlands suspended Apr. 19, 1916.
[3] Including Samoa.

No. 200.—Number and Weight of Parcel-Post Packages Dispatched to and Received from Foreign Countries: Years Ended June 30, 1916 and 1917, and Weight of Corresponding Packages Dispatched in the Year Ended June 30, 1918, with Percentages of Increase or Decrease as Compared with the Preceding Year, by Countries—Continued.

1917.

Country.	Dispatched.				Received.			
	Number.	Per cent of increase (+) or decrease (−).	Weight.	Per cent of increase (+) or decrease (−).	Number.	Per cent of increase (+) or decrease (−).	Weight.	Per cent of increase (+) or decrease (−).
			Pounds.				*Pounds.*	
Argentina	21,449	+ 63.87	113,095	+ 81.46	3,001	+159.37	12,496	+143.02
Australia	50,567	+ 31.72	278,287	+ 50.49	7,044	− 10.48	27,029	− 35.39
Austria[1]	.....	.....	.....	.....	.....	.....	.....	.....
Bahamas	9,189	+ 31.64	28,137	+ 48.55	888	+ 16.54	2,353	+ 13.84
Barbados	11,693	+ 7.85	44,015	+ 20.41	1,490	− 11.94	3,114	+ .11
Bermuda	10,943	− 1.78	37,336	+ 11.57	2,014	− 19.98	4,736	− 18.08
Bolivia	19,141	+ 70.48	159,161	+ 73.71	517	+ 71.11	3,545	+158.38
Brazil	22,445	+ 51.65	138,197	+ 69.32	674	+ 89.33	2,411	+ 69.91
British Guiana	5,992	+ 84.25	22,854	+107.49	499	+ 28.94	1,545	+ 47.23
British Honduras	7,090	+ 15.13	20,648	+ 15.17	926	+ 68.05	2,584	+ 83.52
Chile	46,594	+ 76.52	326,552	+ 84.52	2,332	+ 42.32	12,308	+ 67.68
China	51,183	+231.21	302,786	+336.81	4,159	− 24.85	18,219	− 21.43
Colombia	107,222	+ 33.51	756,636	+ 34.74	1,971	+ 30.70	9,002	+ 54.14
Costa Rica	21,296	+ 25.45	138,587	+ 34.20	3,289	+249.89	17,136	+356.30
Curaçao	6,771	+ 33.36	27,569	+ 53.77	398	+ 48.51	1,447	+101.00
Danish West Indies	6,677	+ 21.40	25,349	+ 53.20	345	− 13.53	976	− 8.96
Denmark[2]	8,628	.....	33,612	.....	4,433	.....	28,836	.....
Dominican Republic	19,499	+ 50.81	104,161	+ 69.02	445	+155.74	1,537	+112.59
Dutch Guiana	1,305	+ 41.54	5,626	+ 75.10	130	+ 7.43	594	+ 20.00
Ecuador	31,433	+ 20.85	256,154	+ 34.53	1,109	+774.00	5,668	+135.08
France	58,432	+ 65.66	319,416	+114.71	8,315	+ 31.98	73,988	+ 21.71
French Colonies	1,677	+ 85.92	6,943	+ 93.72	112	+ 10.89	631	+ 4.30
Germany[3]	378	.....	1,597	.....	.....	.....	.....	.....
Gibraltar	403	+ 35.69	2,008	+108.73	.....	.....	.....	.....
Great Britain	429,301	− 2.84	1,898,615	+ 20.95	146,533	− 25.61	802,009	− 28.06
Greece[4]	4,869	− 36.34	22,729	− 21.22	349	− 69.78	1,899	.....
Guatemala	31,240	+ 64.96	213,562	+ 73.80	4,379	+ 17.98	23,257	+321.48
Haiti	7,221	+ 38.97	32,911	+ 32.67	155	+ 31.36	509	+ 14.64
Honduras	22,899	+ 11.14	152,507	+ 11.49	2,410	+393.85	13,368	+710.67
Hongkong	6,307	− 20.14	28,908	− 14.48	1,772	− 10.69	6,033	− 9.89
Hungary[1]	.....	.....	.....	.....	.....	.....	.....	.....
Italy	105,975	+ 26.05	505,982	+ 32.93	14,141	+ 8.69	111,743	+ 14.28
Jamaica	33,403	+ 16.04	105,821	+ 29.90	4,273	+ 6.34	8,353	+ 1.12
Japan	74,932	+ 46.87	368,233	+ 92.79	72,985	+ 41.09	387,423	+ 74.82
Leeward Islands	9,120	+ 38.49	36,583	+ 58.71	600	− 9.36	1,525	− 3.79
Liberia	544	− 5.22	3,079	+ .39	22	.....	82	.....
Mexico	127,473	+229.40	841,482	+341.00	4,571	+ 56.22	13,515	+ 38.04
Netherlands[5]	.....	.....	.....	.....	13	.....	90	.....
Newfoundland	13,476	+ 17.78	43,246	+ 51.22	2,538	+ 5.75	5,214	+ 17.45
New Zealand	26,508	+ 39.23	154,100	+ 64.20	2,178	+ 13.14	7,396	+ 17.71
Nicaragua	17,070	+ 36.43	103,429	+ 51.32	785	+231.22	3,381	+ 38.57
Norway[6]	17,454	− 42.13	62,988	.....	4,057	.....	12,548	.....
Panama	19,414	− 6.81	86,929	+ .39	1,600	+ 52.52	5,059	+ 92.50
Peru	48,052	+108.16	339,677	+118.69	1,895	+ 87.43	8,833	+164.30
Salvador	14,640	+ 44.68	102,845	+ 46.60	548	+100.73	2,866	+161.26
Sweden[7]	20,244	− 57.22	74,742	.....	3,172	.....	13,022	.....
Trinidad	9,162	+ 17.10	36,250	+ 36.16	1,034	+ 42.33	2,766	+ 14.68
Uruguay	6,486	+ 18.38	35,166	+ 21.94	323	+ 18.75	1,646	+ 76.98
Venezuela	26,233	+ 55.12	166,283	+ 67.06	627	+ 16.54	3,223	+ 28.56
Windward Islands	3,945	+ 53.74	14,692	+ 80.80	427	+ 1.91	1,233	+ 3.79
Total	1,595,975	+ 17.99	8,579,485	+ 36.85	315,478	− 29.79	1,667,148	− 38.71

[1] Service suspended Nov. 13, 1915.
[2] Service suspended Dec. 31, 1916.
[3] Including Samoa.
[4] Service suspended July 25, 1917.
[5] Service suspended Apr. 19, 1916.
[6] Service suspended May 9, 1917.
[7] Service suspended May 4, 1917.

No. 200.—Number and Weight of Parcel-Post Packages Dispatched to and Received from Foreign Countries, Years Ended June 30, 1916 and 1917, and Weight of Corresponding Packages Dispatched in the Year Ended June 30, 1918, with Percentages of Increase or Decrease as Compared with the Preceding Year, by Countries—Continued.

1918.

Country.	Dispatched.		Country.	Dispatched.	
	Weight.	Increase (+) or decrease (−).		Weight.	Increase (+) or decrease (−).
	Pounds.			*Pounds.*	
Argentina	124,729	+ 10.29	Honduras	176,932	+ 16.02
Australia	549,511	+ 97.46	Hongkong	46,453	+ 60.69
Bahamas	21,818	− 22.46			
Barbados	52,590	− 19.41	Italy	1,320,166	+160.91
Bermuda	26,338	− 29.46	Jamaica	112,720	+ 6.52
			Japan	595,045	+ 61.59
Bolivia	178,979	+ 12.45	Leeward Islands	36,168	− 1.13
Brazil	239,905	+ 73.60	Liberia	2,772	− 9.97
British Guiana	30,250	+ 32.36			
British Honduras	22,433	+ 8.64	Mexico	1,950,707	+131.82
Chile[1]	242,360	− 25.78	Netherlands Colonies[3]	14,233	.....
			Newfoundland	28,947	− 33.06
China	178,503	− 41.05	New Zealand	262,711	.....
Colombia	633,721	− 16.24	Nicaragua	90,074	− 12.91
Costa Rica	74,070	− 46.55			
Curaçao	29,323	+ 6.36	Panama	94,841	+ 9.10
Dominican Republic	118,059	+ 13.34	Peru	495,030	+ 45.74
			Portugal[4]	7,913	.....
Dutch Guiana	4,122	− 26.73	Salvador	99,771	− 2.99
Ecuador	243,941	− 4.76			
France	1,099,765	+244.30	Trinidad	38,010	+ 4.86
French Colonies	15,837	+128.10	Uruguay	45,625	+ 29.74
Gibraltar	6,401	+218.77	Venezuela	163,845	− 1.47
			Windward Islands	15,225	+ 3.63
Great Britain	4,128,638	+117.46			
Guatemala[2]	187,078	− 12.40	Total	13,840,266	.....
Haiti	34,677	+ 5.37			

[1] Service suspended Jan. 1, 1918.
[2] Including Samoa.
[3] New service.
[4] Service commencing Oct. 10, 1917.

No. 201.—LAND TELEGRAPH SYSTEMS: Comparative Summary, 1907 and 1912.

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

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

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

No. 202.—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. 203.—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. 204.—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 company. The number of nautical miles of ocean cable owned and leased by this company was, in 1912, 22,816 miles, and in 1907, 5,729 miles. The number of ocean messages reported by this company for 1912 was 2,996,112, and as estimated by it for 1907, 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. 205.—LAND AND OCEAN TELEGRAPH SYSTEMS COMBINED: COMPARATIVE SUMMARY, 1902, 1907, AND 1912.

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

	1902	1907	1912	Per cent of increase.[1]		
				1902–1907	1902–1912	1907–1912
Number of companies or systems	25	[2] 26	[2] 27	4.0	3.8	8.0
Miles of pole line	[3] 237,990	[3] 239,646	[3] 247,528	0.7	3.3	4.0
Miles of single wire owned and leased	[4] 1,318,350	[4] 1,577,961	[4] 1,814,196	19.7	15.0	37.6
Nautical miles of ocean cable	16,677	46,301	67,676	177.6	46.2	305.8
Number of messages	91,655,287	103,794,076	109,377,698	13.2	5.4	19.3
Number of telegraph offices	27,377	29,110	30,864	6.3	6.0	12.7
Income, total	$40,930,038	$51,583,868	$64,762,843	26.0	25.5	58.2
Telegraph traffic	$35,300,569	$45,255,187	$60,403,009	28.2	33.5	71.1
All other sources	$5,629,469	$6,328,681	$4,359,834	12.4	−31.1	−22.6
Net income	$9,982,004	$9,704,255	$6,383,891	−2.8	−34.2	−36.0
Expenses, total	$30,948,034	$41,879,613	$58,378,952	35.3	39.4	88.6
General operation and maintenance, including salaries and wages and legal expenses	$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:						
Average number	27,627	28,034	[11] 37,295	1.5	33.0	35.0
Salaries and wages	$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 miles. In 1902 includes mileage operated outside of the United States by Western Union Telegraph Co.
[5] Includes charges for depreciation.
[6] Includes treasury stock and "other permanent investments."
[7] Includes sinking funds and stock and bond discount.
[8] Includes assumed stock of subcompanies.
[9] Includes floating debt and cash investments (for unincorporated companies).
[10] Includes deferred noninterest-bearing obligations payable only on determination of leases—not reported at previous censuses—and real estate mortgages.
[11] Number employed Sept. 16, 1912.

No. 206.—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. 207.—OCEAN CABLE TELEGRAPH SYSTEMS: Operating Expenses, 1907 and 1912.

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

	1907	1912	Per cent of increase.
	Dollars.	*Dollars.*	
General operation and maintenance	2,204,939	4,008,218	81.8
Salaries and wages	915,083	1,167,014	27.5
Operation and maintenance, including legal expenses	1,289,856	2,841,204	120.3
Rentals of offices and other real estate	87,806	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. 208.—WIRELESS TELEGRAPH SYSTEMS: Comparative Summary, 1907 and 1912.

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

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

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

No. 209.—WESTERN UNION TELEGRAPH CO.: Mileage of Lines and Wires, Number of Offices, and Traffic, 1871 to 1917.

[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.*
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	61,393,157	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] 75,185,405	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	.....	.....
1916[4]..	237,664	1,627,342	25,234	.....	63,621,601	[5] 49,894,346	13,727,255	.....	.....
1917[4]...	228,966	1,626,963	25,466	.....	78,480,223	62,783,006	15,697,217	.....	.....

[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.
[5] Includes special payment to employees, $1,166,424.50.

No. 210.—TELEPHONE SYSTEMS REPORTING AN ANNUAL INCOME OF $5,000 OR MORE: COMPARATIVE SUMMARY, 1907 AND 1912.[1]

[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	[2] 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] The census figures for the Bell system do not agree exactly with those contained in the annual reports of the directors of the company as given on the succeeding page, because the former include certain affiliated and controlled companies that were not covered in the annual reports.

[2] Number employed Sept. 16, 1912.

No. 211.—AMERICAN TELEPHONE & TELEGRAPH CO. AND ASSOCIATED OPERATING COMPANIES (BELL TELEPHONE SYSTEM): COMPARATIVE STATISTICS, JAN. 1, 1913, TO JAN. 1, 1918.

[Source: The American Telephone & Telegraph Co.]

PLANT AND TRAFFIC.

	1913	1914	1915	1916	1917	1918
Central offices	5,182	5,245	5,289	5,300	5,397	5,676
Miles of underground wire	7,804,528	8,817,815	9,760,165	10,536,837	11,468,525	13,451,121
Miles of submarine wire	30,301	31,833	35,809	36,314	41,172	46,868
Miles of aerial wire	6,775,984	7,261,363	7,679,620	7,932,394	8,340,618	9,112,498
Total	14,610,813	16,111,011	17,475,594	18,505,545	19,850,315	22,610,487
Miles of exchange wire	12,421,650	13,777,470	15,037,897	16,052,062	17,167,405	19,521,679
Miles of toll wire	2,189,163	2,333,541	2,437,697	2,453,483	2,682,910	3,088,808
Total	14,610,813	16,111,011	17,475,594	18,505,545	19,850,315	22,610,487
Miles of phantom circuit	158,250	174,928	189,562	196,841	221,994	281,016
Telephones owned [1]	4,803,803	5,254,808	5,584,853	5,968,110	6,545,490	7,031,530
Connected telephones (owned by other companies)	2,652,271	2,878,209	3,064,140	3,183,111	3,301,702	3,444,148
Total	7,456,074	8,133,017	8,648,993	9,151,221	9,847,192	10,475,678
Employees	140,789	156,928	142,527	156,294	179,032	192,364
Exchange messages daily	25,572,345	26,431,024	27,049,225	[2] 25,183,799	28,530,073	30,845,153
Toll messages daily	737,823	806,137	798,949	819,030	889,860	1,009,205

REVENUE.[3]

	1912	1913	1914	1915	1916	1917
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Gross revenue	199,172,154	215,572,822	225,952,123	239,999,649	270,400,892	301,867,172
Expenses	142,285,464	156,883,299	166,704,844	173,727,892	194,783,253	229,332,730
Net revenue	56,886,690	58,689,523	59,247,279	66,181,757	75,617,639	72,534,442
Interest	14,205,365	16,652,624	18,940,641	18,095,643	18,378,931	21,820,231
Net income	42,681,325	42,036,899	40,306,638	48,086,114	57,238,708	50,714,211
Dividends	29,460,215	30,301,705	30,304,186	32,897,065	35,160,119	36,862,582
Balance for surplus	13,221,110	11,735,194	10,002,452	15,189,049	22,078,589	13,851,629

TELEPHONE PLANT, CAPITAL STOCK, AND FUNDED DEBT.[3]

	1913	1914	1915	1916	1917	1918
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Telephone plant	742,287,631	797,159,487	847,204,803	880,068,520	946,293,248	1,064,892,710
Capital stock	393,209,925	395,224,531	393,731,750	440,711,200	463,101,569	505,403,777
Funded debt	294,380,353	341,147,485	385,352,367	353,236,464	422,586,617	407,434,080

[1] Includes private-line telephones.
[2] Decrease as compared with figures for previous years, due to the fact that since 1914 all calls on which the subscriber for any reason failed to receive the desired connection have been rigidly excluded.
[3] All duplications between companies excluded.

No. 212.—ELECTRIC RAILWAYS, 1918:[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	411	28	.....	.....	.....	248	.....
Arizona	4	54	44	1	.....	.....	.....	1	.....
Arkansas	10	122	242	.....	.....	.....	.....	44	.....
California	38	3,313	3,733	84	66	9	407	1,531	119
Colorado	13	494	415	149	6	57	.....	206	2
Connecticut	7	1,608	1,922	3	104	300	.....	123	.....
Delaware	2	153	309	.....	.....	.....	.....	81	.....
District of Columbia	8	425	1,066	.....	.....	.....	.....	438	.....
Florida	9	191	289	13	.....	1	.....	41	.....
Georgia	16	499	679	19	.....	26	.....	58	2
Idaho	5	185	61	2	3	.....	.....	22	.....
Illinois	70	3,757	5,999	701	52	9	1,125	517	.....
Indiana	41	2,463	1,730	28	39	85	.....	455	.....
Iowa	24	885	967	13	16	3	.....	354	.....
Kansas	17	546	411	14	.....	.....	12	157	3
Kentucky	10	464	1,005	14	.....	12	.....	70	.....
Louisiana	11	330	687	.....	.....	3	.....	135	.....
Maine	16	535	511	8	11	85	30	151	.....
Maryland	12	685	2,114	54	13	19	70	92	.....
Massachusetts	39	3,227	7,873	354	9	29	33	1,076	.....
Michigan	26	1,736	2,384	57	16	80	.....	598	.....
Minnesota	14	737	1,320	4	7	1	.....	171	.....
Mississippi	11	120	150	2	.....	.....	.....	24	.....
Missouri	22	1,137	2,512	144	1	.....	.....	285	.....
Montana	9	663	134	20	42	32	.....	17	.....
Nebraska	6	253	578	10	1	.....	.....	65	.....
Nevada	2	11	12	.....	.....	.....	.....	.....	.....
New Hampshire	14	248	285	.....	2	6	.....	41	2
New Jersey	29	1,595	3,285	3	2	19	4	77	.....
New Mexico	2	11	16	.....	.....	.....	.....	.....	.....
New York	105	5,633	16,989	1,228	151	65	35	2,116	2
North Carolina	12	285	314	.....	16	1	8	195	.....
North Dakota	4	27	58	.....	.....	.....	.....	8	.....
Ohio	72	4,254	5,501	89	14	59	24	1,285	.....
Oklahoma	16	312	301	.....	.....	.....	.....	73	.....
Oregon	10	682	721	85	22	26	449	206	.....
Pennsylvania	122	4,746	8,154	23	3	24	86	1,365	4
Rhode Island	3	428	1,030	25	.....	.....	.....	246	.....
South Carolina	5	129	188	25	.....	.....	.....	.....	.....
South Dakota	3	25	30	4	.....	1	.....	8	.....
Tennessee	14	482	799	57	1	13	3	74	.....
Texas	34	1,001	1,221	134	.....	31	.....	162	.....
Utah	5	453	269	.....	7	2	.....	251	.....
Vermont	10	128	131	.....	.....	1	12	14	.....
Virginia	13	581	891	63	.....	14	.....	117	.....
Washington	20	1,069	1,027	28	27	7	442	483	48
West Virginia	21	652	574	.....	12	20	5	53	.....
Wisconsin	18	763	913	117	2	67	.....	79	.....
Wyoming	2	22	15	10	.....	.....	.....	4	.....
Total	991	48,484	80,270	3,613	645	1,107	2,745	13,817	182
Geographic divisions.[2]									
New England States	80	6,174	11,752	390	126	421	75	1,651	2
Eastern States	312	14,470	33,382	1,371	181	161	200	4,339	6
Central States	297	16,196	22,331	1,167	147	316	1,149	3,814	.....
Southern States	103	2,523	3,759	144	17	44	11	819	2
Western States	190	9,121	9,046	541	174	165	1,310	3,194	172

[1] The reports from which this table is made up are rendered at different dates, the average of which is about June, 1918. In a few cases, where the company owns a large number of freight cars compared with the number of passenger cars owned, the total number of such freight cars has been omitted. In the case of electrified steam railroads, mileage is included in all cases; but under cars only electric locomotives and motor passenger cars of electrified steam railroads are given. Gasoline and storage battery cars are included under motor passenger cars.

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

No. 213.—RAILROADS: Miles of Line[1] in Specified Years, 1860 to 1916, and per 100 Square Miles and per 10,000 Inhabitants in 1916, 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, 1916, and calendar year 1916, statistical reports of the Interstate Commerce Commission, the data representing mileage owned.]

State.	Mileage.								Miles of line, 1916, per—	
	1860	1870	1880	1890	1900	1910[2]	1916[2]	1916[2,3]	100 sq. m. of territory.	10,000 inhabitants.
Ala	743	1,157	1,843	3,313.87	4,225.84	5,226.16	5,495.75	5,441.87	10.61	23.26
Ark	38	256	859	2,195.81	3,359.86	5,305.51	5,294.03	5,299.25	10.09	30.35
Cal	23	925	2,195	4,356.11	5,751.04	7,771.89	8,440.58	8,438.56	5.42	28.52
Colo	.....	157	1,570	4,176.19	4,587.25	5,532.56	5,701.59	5,699.56	5.50	58.91
Conn	601	742	923	1,007.29	1,023.62	1,000.14	999.73	999.97	20.75	8.01
Del	127	197	275	322.69	346.72	334.81	335.13	335.32	17.06	15.69
Fla	402	446	518	2,470.89	3,299.06	4,431.54	5,279.98	5,279.26	9.62	58.77
Ga	1,420	1,845	2,459	4,532.37	5,651.72	7,056.49	7,482.24	7,463.98	12.71	26.05
Idaho	.....	.....	206	941.44	1,261.23	2,178.63	2,872.57	2,828.77	3.39	65.37
Ill	2,790	4,823	7,851	10,213.97	11,002.93	11,878.34	12,141.92	12,119.93	21.63	19.64
Ind	2,163	3,177	4,373	5,971.03	6,470.61	7,420.14	7,475.53	7,486.40	20.63	26.36
Iowa	655	2,683	5,400	8,355.97	9,185.18	9,754.68	9,946.44	9,841.29	17.70	44.32
Kans	.....	1,501	3,400	8,806.45	8,719.36	9,006.88	9,344.85	9,408.99	11.51	51.29
Ky	534	1,017	1,530	2,746.25	3,059.99	3,526.21	3,836.11	3,854.46	9.59	16.18
La	335	450	652	1,758.94	2,824.08	5,553.74	5,603.12	5,562.89	12.25	30.31
Me	472	786	1,005	1,338.13	1,915.24	2,248.06	2,262.74	2,266.09	7.58	29.29
Md	386	671	1,040	1,231.34	1,376.16	1,426.45	1,428.25	1,418.50	14.27	10.39
Mass	1,264	1,480	1,915	2,093.73	2,118.58	2,115.21	2,133.34	2,139.14	26.61	5.73
Mich	779	1,638	3,938	7,242.67	8,195.18	9,021.13	8,875.85	8,885.27	15.46	29.00
Minn	.....	1,092	3,151	5,466.37	6,942.57	8,668.60	9,152.59	9,196.37	11.37	40.21
Miss	862	990	1,127	2,332.03	2,919.90	4,506.16	4,438.95	4,421.64	9.54	22.59
Mo	817	2,000	3,965	6,004.10	6,875.04	8,082.74	8,270.24	8,230.46	11.98	24.10
Mont	.....	.....	106	2,181.04	3,010.32	4,207.42	4,847.88	4,858.54	3.32	105.08
Nebr	.....	705	1,953	5,205.35	5,684.85	6,067.15	6,169.00	6,166.64	8.03	48.39
Nev	.....	593	739	924.87	909.35	2,276.66	2,318.38	2,318.64	2.11	214.94
N. H	661	736	1,015	1,145.03	1,239.20	1,245.93	1,252.39	1,251.90	13.86	28.26
N. J	560	1,125	1,684	2,046.76	2,256.69	2,260.49	2,337.53	2,343.75	31.19	7.91
N. Y	2,682	3,928	5,957	7,660.71	8,121.03	8,429.77	8,492.78	8,404.29	17.64	8.15
N. C	937	1,178	1,486	3,000.88	3,831.16	4,932.41	5,537.44	5,544.88	11.38	23.01
N. Dak	.....	[4] 65	[4] 1,225	1,940.64	2,731.22	4,201.07	5,274.50	5,275.08	7.52	70.85
Ohio	2,946	3,538	5,792	7,911.51	8,807.27	9,134.46	9,121.19	9,078.15	22.28	17.58
Okla	.....	.....	([5])	167.96	827.88	5,980.22	6,454.38	6,451.08	9.29	29.05
Oreg	.....	159	508	1,427.95	1,723.80	2,284.69	3,067.22	3,226.17	3.37	38.35
Pa	2,598	4,656	6,191	8,453.20	10,330.50	11,290.17	11,634.71	11,619.27	25.94	13.60
R. I	108	136	210	212.52	211.79	212.14	203.09	205.54	19.26	3.33
S. C	973	1,139	1,427	2,193.60	2,817.93	3,441.74	3,723.99	3,693.72	12.11	22.66
S. Dak	([6])	([6])	([6])	2,485.89	2,849.83	3,947.65	4,278.90	4,278.75	5.57	60.91
Tenn	1,253	1,492	1,843	2,751.87	3,136.95	3,815.97	4,090.61	4,098.72	9.83	17.88
Tex	307	711	3,244	8,613.42	9,886.49	14,281.81	15,866.84	15,831.68	6.03	35.59
Utah	.....	257	842	1,090.14	1,547.42	1,985.94	2,137.43	2,143.03	2.60	49.18
Vt	554	614	914	921.49	1,012.11	1,100.48	1,073.16	1,068.02	11.71	29.32
Va	1,379	1,486	1,893	3,160.40	3,779.15	4,534.94	4,798.64	4,792.21	11.90	21.81
Wash	.....	.....	289	1,783.37	2,913.57	4,875.21	5,698.32	5,684.50	8.51	36.73
W. Va	352	387	691	1,327.93	2,228.05	3,600.99	3,973.84	4,008.30	16.68	28.80
Wis	905	1,525	3,155	5,583.59	6,530.52	7,475.21	7,693.56	7,676.38	13.89	30.63
Wyo	.....	459	512	941.88	1,228.63	1,644.89	1,906.24	1,917.71	1.96	106.37
Alaska[7]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ariz	.....	.....	349	1,096.64	1,511.89	2,097.31	2,410.39	2,415.54	2.12	93.85
D. C	([8])	([8])	([8])	30.24	31.75	35.97	36.87	37.20	62.00	1.02
Hawaii[7]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ind. T	.....	.....	289	1,046.20	1,322.75	.....	.....	.....	.....	.....
N. Mex	.....	.....	758	1,324.33	1,752.52	3,032.08	3,039.81	3,038.17	2.48	73.45
Total[9]	30,626	52,922	93,267	163,597.05	193,345.78	240,438.84	254,250.62	254,045.83	[10] 8.54	[11] 24.82

[1] For additional trackage, see Table 200.
[2] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.
[3] Calendar year.
[4] Figures for Dakota.
[5] Included in returns for Indian Territory.
[6] See North Dakota.
[7] See note 8.
[8] Included in returns for Maryland.
[9] Excludes mileage as follows: For 1900, Alaska (21.80 miles); for 1910, Alaska (389.79 miles, unofficial) and Hawaii (175.10 miles); for 1915, Alaska (374.78 miles, unofficial) and Hawaii (249.53 miles); for 1916, Alaska (379.78 miles, unofficial) and Hawaii (256.27 miles); for Dec. 31, 1916, Alaska (380.78 miles, unofficial) and Hawaii (256.33 miles, unofficial).
[10] On basis of 2,973,890 square miles, which covers "land surface" only and excludes Alaska and Hawaii.
[11] On basis of 102,372,266, population on Dec. 31, 1916, which is reached by adding to the population in 1910, 91,972,266 (excluding Alaska, Hawaii, and persons in the military and naval service stationed abroad), an estimated annual increase of 1,600,000 for each successive year

No. 214.—RAILROADS: Operated Mileage and Annual Increase of Mileage, 1837 to 1916.[1]

[Sources: Calendar years 1837 to 1889, Poor's Manual of Railroads; years ending June 30, 1890 to 1916 and calendar year 1916, statistical reports of the Interstate Commerce Commission. No mileage included for Alaska or Hawaii. The term "mileage" signifies single-track mileage.]

Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.
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
1862	32,120	834	1889	161,276	5,162	1916[3]	266,031	1,653
1863	33,170	1,050	1890	167,191	(2)	1916[3,4]	266,381	350

[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.
[4] Calendar year.

No. 215.—RAILROADS: Length of Single, Second, Third, and Fourth Tracks, and Yard Track and Sidings, and Total Mileage Operated, 1895 to 1916.[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.*
1895	177,746.25	10,639.96	975.25	783.12	43,181.32	233,275.90
1896	181,982.64	10,685.16	990.45	764.15	44,717.73	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
1916[2]	259,210.86	28,935.21	2,730.62	2,198.34	101,869.23	394,944.26
1916[2,3]	259,705.18	29,414.28	2,721.27	2,189.78	102,983.81	397,014.32

[1] Represents mileage covered by operating returns. (See Tables 223 and 224.)
[2] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.
[3] Calendar year.

No. 216.—RAILROAD LOCOMOTIVES: Number and Average Tractive Power, Grate and Heating Surface, and Weight of Each Type, 1907 to 1916.[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.*
1907	Single expansion	51,891	25,439	[2] 33	1,952	68	56
	4-cylinder compound	1,727	34,345	[2] 48	3,169	101	76
	2-cylinder compound	945	31,335	[2] 39	2,578	83	70
1908[3]	Single expansion	53,374	26,011	[2] 34	2,014	70	57
	4-cylinder compound	1,712	35,321	[2] 49	3,272	104	79
	2-cylinder compound	923	31,378	[2] 39	2,592	84	70
1909[3]	Single expansion	53,977	26,300	[2] 34	2,041	71	58
	4-cylinder compound	1,603	35,173	[2] 47	3,297	105	78
	2-cylinder compound	888	31,509	[2] 39	2,614	85	71
1910[3]	Single expansion	55,867	26,891	[2] 35	2,107	72	59
	4-cylinder compound	1,511	39,440	[2] 49	3,489	112	87
	2-cylinder compound	862	31,326	[2] 39	2,549	84	71
1911[3]	Single expansion	57,963	27,771	[2] 37	2,167	75	61
	4-cylinder compound	1,838	42,970	[2] 52	3,766	122	95
	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
	2-cylinder compound	659	31,931	[2] 40	2,583	86	73
1915[4]	Drivers 69 inches or less	49,049	32,797	.....	.....	.....	71
	Drivers more than 69 inches	6,440	27,788	.....	.....	.....	65
	Switching	8,361	27,030	.....	.....	.....	64
1916[4]	Drivers 69 inches or less	47,836	33,820	.....	.....	.....	74
	Drivers more than 69 inches	6,430	28,063	.....	.....	.....	66
	Switching	8,397	27,802	.....	.....	.....	65
1916[4,5]	Drivers 69 inches or less	47,859	34,377	.....	.....	.....	75
	Drivers more than 69 inches	6,532	28,319	.....	.....	.....	66
	Switching	8,430	27,988	.....	.....	.....	66

[1] Data for this table are lacking for some locomotives.
[2] Basis excludes oil-burning locomotives.
[3] Excludes locomotives in the service of switching and terminal companies.
[4] Excludes locomotives in the service of so-called small roads (having operating revenues below $100,000 for the year) and in the service of switching and terminal companies.
[5] Calendar year.

No. 217.—RAILROAD CARS: Number in Service Fiscal Years Ended June 30, 1902 to 1916, and Calendar Year ended Dec. 31, 1916, by Classes of Service.

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

Year ended June 30—	Service.				Fast freight line service.
	Passenger.	Freight.	Company.	Total.	
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[1]	55,705	2,356,338	95,934	2,507,977	20,914
1916[1]	54,664	2,326,987	96,508	2,478,159	19,861
1916[1,3]	55,081	2,342,699	99,665	2,497,445	17,826

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

No. 218.—RAILROAD FREIGHT CARS: Number and Average Capacity of Each Class, on June 30, 1910 to 1916, and for Calendar Year Ended Dec. 31, 1916.[1]

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

Class of car.	1910[2]		1911[2]		1912[2]		1913[2]		1914[3]		1915		1916		1916[4]	
	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	966,577	33	990,313	34	1,004,005	34	1,032,585	34	1,043,796	35	1,041,692	35.5	1,025,051	36.0	1,032,482	36.2
Flat	153,918	33	153,300	33	150,840	34	147,541	35	146,133	36	146,336	36.0	137,813	36.5	134,652	36.7
Stock	77,584	30	77,590	30	76,535	31	78,308	31	82,971	31	86,326	32.0	83,499	32.2	83,943	32.3
Coal	818,689	41	853,699	42	855,111	43	871,339	44	899,314	45	910,637	45.9	910,000	47.0	919,115	47.6
Tank	7,434	39	7,787	39	7,836	40	8,216	40	8,530	40	10,164	39.0	10,619	39.3	10,691	39.5
Refrigerator	30,918	30	31,786	30	30,693	31	43,389	31	48,886	32	52,446	32.1	51,749	32.3	51,394	32.4
Other	78,411	37	80,856	39	90,219	40	91,911	41	96,017	42	93,955	42.2	94,569	43.2	96,944	43.7
Total	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	2,313,300	40.5	2,329,221	40.8

[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.
[4] Calendar year ended Dec. 31, 1916.

No. 219.—TRAFFIC ON RAILROADS: ANALYSIS OF STATISTICS OF PASSENGER AND FREIGHT SERVICES, YEARS ENDED JUNE 30, 1890, 1895, 1900, 1905, 1910, AND 1913 TO 1916, AND THE CALENDAR YEAR 1916.

[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]	1913[2]	1914[2]	1915[2]	1916[2]	1916[3]
Number of passengers reported as carried	492,430,865	507,421,362	576,831,251	738,834,667	971,683,199	1,033,679,680	1,053,138,718	976,303,602	1,005,683,174	1,039,012,308
Passengers carried 1 mile	11,847,785,617	12,188,446,271	16,038,076,200	23,800,149,436	32,338,496,329	34,575,872,980	35,258,497,509	32,384,247,563	34,213,596,127	35,121,675,959
Passengers carried 1 mile per mile of line	75,751	68,572	83,290	109,949	138,169	143,067	144,278	131,165	137,818	141,305
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	2,058,035,487	1,976,138,155	1,802,018,177	2,225,943,388	2,316,088,894
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers[4]			583,351,351	784,920,188	1,026,491,782	1,160,862,756	1,109,271,040	1,005,028,743	1,239,704,936	1,293,090,623
Tons carried 1 mile	77,207,047,298	85,227,515,891	141,596,551,161	186,463,109,510	255,016,910,451	301,398,752,108	288,319,890,210	276,830,302,723	343,099,937,805	365,771,824,741
Tons carried 1 mile per mile of line	493,638	479,490	735,352	861,396	1,071,086	1,245,158	1,176,923	1,121,059	1,380,349	1,470,274
Mileage of revenue passenger trains	[5] 285,575,804	[5] 317,565,615	363,469,596	459,827,029	549,015,003	593,061,212	602,388,660	577,633,888	586,611,300	592,829,813
Average number of passengers in train[6]	41	38	41	48	56	55	56	53	55	56
Average journey per passenger, miles	24.06	24.02	27.80	32.21	33.50	33.58	33.61	33.18	34.02	33.80
Mileage of revenue freight trains	[7] 435,170,812	[7] 449,291,238	492,543,526	546,424,405	635,450,681	643,841,292	605,923,249	550,395,585	606,900,357	630,507,021
Average number of tons in train[6]	177.42	189.69	270.86	322.26	380.38	445.43	451.80	474.45	534.95	550.15
Average haul per ton:										
Typical haul of the average railway, miles	122.21	124.13	130.87	130.60	138.31	146.59	146.04	153.79	154.20	157.98
Typical haul of all the railways regarded as a system, miles			242.73	237.56	249.68	259.99	260.19	275.80	276.88	282.99
Mileage of revenue mixed trains			30,691,508	32,189,996	35,807,207	32,907,378	32,565,313	36,629,942	34,912,617	34,739,068
Total revenue train mileage			886,704,630	1,038,441,430	[8] 1,221,852,647	[9] 1,271,220,178	[9] 1,242,080,241	[9] 1,163,040,998	[9] 1,229,608,236	[9] 1,259,294,590
Total mileage of freight cars			12,476,705,508	15,082,070,763	18,981,573,779	21,034,670,482	20,796,894,831	20,070,814,328	22,605,813,184	23,248,375,845

[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] Calendar year.
[4] Figures include an apportionment of unclassified tonnage.
[5] Includes 25 per cent of the total mileage of revenue mixed trains.
[6] 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.
[7] Includes 75 per cent of the total mileage of revenue mixed trains.
[8] Includes a small amount of unclassified train mileage; also a small amount of special-train mileage not separately reported prior to 1909.
[9] Includes a small amount of special-train mileage not separately reported prior to 1909.

No. 220.—FINANCES OF RAILROADS: ANALYSIS OF STATISTICS OF RECEIPTS FROM PASSENGER AND FREIGHT SERVICES, 1896 TO 1916.

[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.*
1896	2.019	0.52078	0.98591	1,816.18	0.806	1.05101	1.63337	4,343.83	1.39567	0.93838
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
1916[4]	2.006	.68242	1.38619	3,479.00	.716	1.10346	3.82828	9,863.00	2.80074	1.83279
1916[4,5]	2.046	.69170	1.44224	3,637.00	.715	1.13001	3.93483	10,501.00	2.90561	1.90662

[1] See note 6, p. 321. [2] For years subsequent to 1900, computed on the basis of average mileage operated. [3] See note 1, p. 321. [4] See note 2, p. 321. [5] Calendar year.

No. 221.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING, 1899 TO 1916.

[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.*
1899	4,323,300,969	1,191,710,757	5,515,011,726	4,731,054,376	485,781,695	260,048,753	42,058,348	5,518,943,172	11,033,954,898
1900	4,522,291,838	1,323,287,755	5,845,579,593	4,900,626,823	464,983,341	219,536,883	60,308,320	5,645,455,367	11,491,034,960
1901	4,475,408,821	1,331,157,383	5,806,566,204	5,048,811,611	545,780,485	218,872,068	68,116,723	5,881,580,887	11,688,147,091
1902	4,722,056,120	1,302,145,175	6,024,201,295	5,213,421,911	564,794,588	242,556,745	89,208,425	6,109,981,669	12,134,182,964
1903	4,876,961,012	1,278,598,020	6,155,559,032	5,426,730,154	640,704,135	234,016,821	142,980,116	6,444,431,226	12,599,990,258
1904	5,050,529,469	1,289,369,860	6,339,899,329	5,746,898,983	723,114,986	229,876,687	173,334,694	6,873,225,350	13,213,124,679
1905	5,180,933,907	1,373,623,144	6,554,557,051	6,024,449,023	786,241,442	253,707,699	186,302,906	7,250,701,070	13,805,258,121
1906	5,403,001,962	1,400,758,131	6,803,760,093	6,266,770,962	973,647,924	301,523,400	224,719,099	7,766,661,385	14,570,421,478
1907	5,932,948,772	1,423,912,919	7,356,861,691	6,472,839,323	1,616,427,904	306,244,476	329,773,289	8,725,284,992	[1] 16,082,146,683
1908 [2]	5,910,351,430	1,462,860,893	7,373,212,323	6,610,189,953	2,180,965,753	258,584,016	344,592,782	9,394,332,504	[3] 16,767,544,827
1909 [2]	6,218,382,485	1,467,896,060	7,686,278,545	6,942,012,066	2,267,211,732	284,497,531	307,869,061	9,801,590,390	[4] 17,487,868,935
1910 [2]	6,710,168,538	1,403,488,842	8,113,657,380	7,408,183,482	2,250,998,522	290,951,276	353,341,578	10,303,474,858	[5] 18,417,132,238
1911 [2]	7,074,917,534	1,395,800,077	8,470,717,611	7,825,269,102	2,331,574,399	261,777,220	319,596,749	10,738,217,470	[6] 19,208,935,081
1912 [2]	7,248,749,515	1,373,651,306	8,622,400,821	8,015,943,172	2,530,676,934	267,371,927	316,143,410	11,130,135,443	[7] 19,752,536,264
1913 [8]	7,231,515,045	1,379,096,282	8,610,611,327	8,186,366,426	2,379,571,854	250,290,655	369,285,450	11,185,514,385	[9] 19,796,125,712
1914 [8]	7,304,479,846	1,376,279,858	8,680,759,704	8,496,370,538	2,397,400,240	254,230,505	418,540,270	11,566,541,553	[10] 20,247,301,257
1915 [11]	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	[12] 21,127,959,078
1916 [11]	7,602,923,972	1,455,758,761	9,058,682,733	9,254,546,150	2,120,698,373	283,277,570	374,867,419	12,033,389,512	[13] 21,092,072,245
1916 [11, 15]	7,593,731,500	1,455,141,559	9,048,873,059	9,176,656,024	2,094,351,413	359,645,188	369,782,898	12,000,435,523	[14] 21,049,308,582

[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] Excludes returns for switching and terminal companies.
[12] Includes $598,345, receipts outstanding for installments paid on stock, and $500,035, receipts outstanding for funded debt.
[13] Includes $728,710, receipts outstanding for installments paid on stock, and $266,035, receipts outstanding for funded debt.
[14] Includes $933,237, receipts outstanding for installments paid on stock, and $258,535, receipts outstanding for funded debt.
[15] Calendar year.

No. 222.—FINANCES OF RAILROADS: DIVIDENDS ON CAPITAL STOCK AND INTEREST ON FUNDED DEBT, 1895 TO 1916.

[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.*
1895	1,485,618,453	29.94	5.74	85,287,543	252,512,920	337,800,463	7,860,261
1896	1,559,024,075	29.83	5.62	87,603,371	249,624,177	337,227,548	8,469,063
1897	1,603,549,978	29.90	5.43	87,110,599	247,880,230	334,990,829	7,844,336
1898	1,818,113,082	33.74	5.29	96,152,889	246,126,691	342,279,580	7,073,953
1899	2,239,502,545	40.61	4.96	111,009,822	251,158,087	362,167,909	7,102,847
1900	2,668,969,895	45.66	5.23	139,597,972	252,949,616	392,547,588	4,912,892
1901	2,977,575,179	51.27	5.26	156,735,784	262,094,838	418,830,622	5,526,572
1902	3,337,644,681	55.40	5.55	185,391,655	274,421,855	459,813,510	7,717,103
1903	3,450,737,869	56.06	5.70	196,728,176	283,953,124	480,681,300	9,060,645
1904	3,643,427,319	57.47	6.09	221,941,049	297,674,738	519,615,787	13,945,009
1905	4,119,086,714	62.84	5.78	237,964,482	310,631,802	548,596,284	11,451,400
1906	4,526,958,760	66.54	6.03	272,795,974	322,555,934	595,351,908	11,653,076
1907	4,948,756,203	67.27	6.23	308,088,627	344,242,617	652,331,244	16,671,532
1908 [1]	4,843,370,740	65.69	8.07	390,695,351	368,295,579	758,990,930	31,338,440
1909 [1]	4,920,174,118	64.01	6.53	321,071,626	382,675,101	703,746,727	24,226,066
1910 [1]	5,412,578,457	66.71	7.50	405,771,416	399,582,056	805,353,472	16,536,695
1911 [1]	5,730,250,326	67.65	8.03	460,195,376	410,326,852	870,522,228	26,207,567
1912 [1]	5,581,289,249	64.73	7.17	400,315,313	429,026,729	829,342,042	25,409,689
1913 [2]	5,780,982,416	66.14	6.37	369,077,546	[2] 434,752,760	[2] 803,830,306	[2] 31,194,260
1914 [2]	5,667,072,956	64.39	7.97	451,653,346	[2] 439,879,894	[2] 891,533,240	[2] 45,972,506
1915 [3]	5,219,846,562	60.45	6.29	328,477,938	[3] 464,186,021	[3] 792,663,959	[3] 34,546,454
1916 [3]	5,279,427,954	60.38	6.48	342,109,396	[3] 474,534,514	[3] 816,643,910	[3] 20,250,725
1916 [3,4]	5,430,123,235	62.02	6.75	366,561,494	[3] 481,435,525	[3] 847,997,019	[3] 19,800,528

[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.
[3] *Excludes interest paid by switching and terminal companies.*
[4] Calendar year.

No. 223.—FINANCES OF RAILROADS, CONSIDERED AS A SYSTEM: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT FOR THE CALENDAR YEAR 1916.[1]

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

Item.	Amount.	Average amount per mile operated.
Average operated mileage represented (miles)	257,324.61	.....
Operating income:		
Railway operating revenues	*Dollars.* 3,691,065,217	*Dollars.* 14,344
Railway operating expenses	2,426,250,521	9,429
Net revenue from railway operations	1,264,814,696	4,915
Railway tax accruals	163,450,852	635
Uncollectible railway revenues	818,422	3
Railway operating income	1,100,545,422	4,277
Revenues from miscellaneous operations	41,055,675	160
Expenses of miscellaneous operations	34,523,561	134
Net revenue from miscellaneous operations	6,532,114	26
Taxes on miscellaneous operating property	1,971,322	8
Miscellaneous operating income	4,560,792	18
Total operating income	1,105,106,214	4,295
Nonoperating income:		
Rent from locomotives [2]	164,746	1
Rent from work equipment [2]	1,574,391	6
Miscellaneous rent income	8,784,856	34
Miscellaneous nonoperating physical property	3,144,368	12
Dividend income	103,662,014	403
Income from funded securities	53,834,983	209
Income from unfunded securities and accounts	27,739,859	108
Income from sinking and other reserve funds	3,524,806	14
Release of premiums on funded debt	342,432	1
Miscellaneous income	1,922,627	7
Total nonoperating income	204,695,082	795
Gross income	1,309,801,296	5,090
Deductions from gross income:		
Hire of freight cars—Net debit balance [2]	*Dollars.* 25,083,982	*Dollars.* 98
Rent for passenger-train cars [2]	1,283,138	5
Rent for floating equipment [2]	2,867,040	11
Joint facility rents [2]	17,575,849	68
Rent for leased roads [2]	4,456,085	17
Miscellaneous rents	6,051,480	24
Miscellaneous tax accruals	2,639,760	10
Separately operated properties—Net loss	4,245,104	17
Interest on funded debt	480,503,253	1,867
Interest on unfunded debt	19,776,742	77
Amortization of discount on funded debt	3,377,657	13
Maintenance of investment organization	689,331	2
Miscellaneous income charges	5,910,710	23
Total deductions from gross income	574,460,131	2,232
Net income	735,341,165	2,858
Appropriations for year:		
Appropriations to sinking and other reserve funds	18,283,682	71
Dividend appropriations	366,491,029	1,424
Appropriations for investment in physical property	84,436,758	328
Miscellaneous appropriations	22,694,529	88
Stock and debt discount extinguished	18,644,268	73
Total appropriations for year	510,550,266	1,984
Remainder	224,790,899	874
Balance in profit and loss on Dec. 31 of preceding year	1,068,925,077	4,154
Sum	1,293,715,976	5,028
Adjustments, etc., through profit and loss:		
Credits	47,689,340	185
Debits	84,346,284	328
Net adjustments	[3] 36,656,944	[3] 143
Balance on Dec. 31 carried to general balance sheet	1,257,059,032	4,885

[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 accounts," "Interest on funded debt," "Interest on unfunded debt," "Dividend appropriations," etc., and eliminations for such payments have been made only for the items to which note 2 applies.

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

[3] Debit.

No. 224.—FINANCES OF RAILROADS UNDER SPECIFIED HEADINGS: FISCAL YEARS ENDED JUNE 30, 1915 AND 1916, AND CALENDAR YEAR 1916.

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

ANALYSIS OF OPERATING REVENUES.

Item.	June 30, 1915.[1]		June 30, 1916.[1]		Dec. 31, 1916.[1]	
	Amount.[2]	Proportion to total.	Amount.[3]	Proportion to total.	Amount.[4]	Proportion to total.
	Dollars.	*Per ct.*	*Dollars.*	*Per ct.*	*Dollars.*	*Per ct.*
Freight	2,037,925,560	68.94	2,469,026,921	71.10	2,631,091,957	71.28
Passenger	646,475,045	21.87	689,626,943	19.86	722,359,371	19.57
Excess baggage	6,442,869	.22	6,381,792	.19	6,172,651	.17
Sleeping car	2,552,405	.09	2,919,881	.08	2,896,348	.08
Parlor and chair car	1,304,538	.04	1,344,045	.04	1,378,391	.04
Mail	58,359,095	1.97	61,477,813	1.77	62,559,984	1.69
Express	70,124,795	2.37	82,091,535	2.36	91,495,490	2.48
Other passenger train	4,247,867	.14	5,801,491	.17	5,986,026	.16
Milk	14,436,319	.48	15,907,870	.46	16,567,307	.45
Switching	31,274,203	1.06	38,602,082	1.11	41,089,712	1.11
All other rail-line revenue	7,287,400	.25	7,661,885	.22	7,993,900	.22
Total rail-line transportation revenue	2,880,430,096	97.43	3,380,842,258	97.36	3,589,591,137	97.25
Total water-line transportation revenue	13,867,737	.47	15,471,631	.45	16,913,831	.46
Total incidental operating revenue	59,820,281	2.03	74,065,656	2.13	82,087,896	2.22
Joint facility—Cr	3,492,491	.12	3,647,293	.10	3,904,006	.11
Joint facility—Dr	[5] 1,417,403	[5] .05	[5] 1,384,897	[5] .04	[5] 1,431,653	[5] .04
Total	2,956,193,202	100.00	3,472,641,941	100.00	3,691,065,217	100.00

ANALYSIS OF OPERATING EXPENSES.

Total maintenance of way and structures	381,532,488	[6] 18.26	421,500,898	[7] 18.51	439,195,062	[8] 18.10
Total maintenance of equipment	509,818,744	[6] 24.41	570,326,407	[7] 25.05	609,105,045	[8] 25.10
Total traffic	60,962,687	[6] 2.92	62,203,097	[7] 2.73	64,502,123	[8] 2.66
Total transportation—rail line	1,032,442,821	[6] 49.43	1,110,225,460	[7] 48.75	1,194,918,669	[8] 49.25
Total transportation—water line	8,688,803	[6] .42	9,979,422	[7] .44	10,182,124	[8] .42
Total miscellaneous operations	23,157,637	[6] 1.11	25,473,952	[7] 1.12	27,044,193	[8] 1.12
Total general expenses	79,043,173	[6] 3.78	83,962,660	[7] 3.69	89,247,110	[8] 3.68
Transportation for investment—Cr	[5] 6,982,898	[5] .33	[5] 6,494,951	[5,7] .29	[5] 8,082,425	[5,8] .33
Total	[9] 2,088,682,956	[6] 100.00	[10] 2,277,202,278	[8] 100.00	[11] 2,426,250,521	[8] 100.00

[1] Does not include data for switching and terminal companies.
[2] Represents 256,213.61 miles (average mileage operated during the year).
[3] Represents 257,511.82 miles (average mileage operated during the year).
[4] Represents 257,324.61 miles (average mileage operated during the year).
[5] Debit.
[6] Based on $2,088,663,455, which excludes $19,501 unclassified.
[7] Based on $2,277,176,495, which excludes $25,333 unclassified.
[8] Based on $2,426,111,901, which excludes $138,620 unclassified.
[9] Includes $19,501 unclassified.
[10] Includes $25,333 unclassified.
[11] Includes $138,620 unclassified.

No. 225.—ADVANCES TO RAILROADS AND OTHER TRANSPORTATION PROPERTIES UNDER GOVERNMENT CONTROL AND DEPOSITS BY SPECIFIED RAILROADS AND CORPORATIONS TO AND INCLUDING DEC. 31, 1918.

[Source: Official United States Bulletin, Jan. 4, 1919.]

ADVANCES.[1]

Railroads, etc.	Dollars.	Railroads, etc.	Dollars.
Pennsylvania	90,066,000	Ann Arbor	801,800
New York Central	72,720,000	Toledo & Ohio Central	770,000
New York, New Haven & Hartford	65,925,000	Monongahela	750,000
Baltimore & Ohio	35,875,000	Rutland Railroad	741,000
Erie	23,600,000	Wheeling & Lake Erie	700,000
Chicago, Milwaukee & St. Paul	22,532,000	Kansas City, Mexico & Orient	700,000
Illinois Central	17,425,000	Atlanta, Birmingham & Atlantic	659,000
Southern Pacific	16,500,000	Bangor & Aroostook	643,000
Union Pacific	13,500,000	Fort Worth & Denver City	619,000
Southern	11,706,650	Gulf, Mobile & Northern	600,000
Chicago, Burlington & Quincy	10,650,000	Chicago, Peoria & St. Louis	600,000
Chicago, Rock Island & Pacific	9,700,000	New York, Ontario & Western	575,000
Chicago & North Western	9,000,000	Pittsburg & Shawmut	528,500
Delaware & Hudson	8,790,000	Lehigh & New England	525,000
Missouri Pacific	8,400,000	Old Dominion Steamship Line	515,000
Seaboard Air Line	8,075,000	Chicago Junction	500,000
Chesapeake & Ohio	8,050,000	Gulf, Colorado & Santa Fe	500,000
Boston & Maine	7,067,000	Western Pacific	430,000
Great Northern	6,800,000	Kansas City Terminal	400,000
Philadelphia & Reading	6,090,000	Chicago, Terre Haute & Southeastern	387,913
St. Louis-San Francisco	6,020,000	Pittsburgh & West Virginia	375,000
Denver & Rio Grande	6,000,000	Cincinnati, Indianapolis & Western	350,000
Northern Pacific	5,500,000	Georgia Railroad	309,000
Norfolk & Western	5,250,000	Detroit, Toledo & Ironton	300,150
Wabash	4,645,000	Brooklyn Eastern District Terminal	300,000
Missouri, Kansas & Texas	4,245,000	Belt Railway of Chicago	290,000
Minneapolis, St. Paul & Sault Ste. Marie	4,159,000	Midland Valley	270,000
Buffalo, Rochester & Pittsburgh	4,000,000	Trans-Mississippi Terminal	265,000
Delaware, Lackawanna & Western	4,000,000	Missouri, Oklahoma & Gulf	255,000
Western Maryland	3,568,000	San Antonio & Aransas Pass	253,000
Lehigh Valley	3,500,000	Fort Dodge, Des Moines & Southern	246,000
Louisville & Nashville	3,000,000	Vicksburg & Shreveport	242,000
Hocking Valley	2,892,000	Am. Refrigerator Transportation Co	229,000
Chicago, St. Paul, Minneapolis & Omaha	2,450,000	Chicago & Western Indiana	215,000
Minneapolis & St. Louis	2,395,000	New York, Susquehanna & Western	200,000
Maine Central	2,130,000	Gulf & Ship Island	200,000
Chicago & Alton	2,060,000	New Orleans, Texas & Mexico	176,100
Chicago, Indianapolis & Louisville	1,925,000	Illinois Southern	160,000
International & Great Northern	1,877,215	Missouri & Northern Arkansas	150,000
St. Louis Southwestern	1,770,000	Duluth, South Shore & Atlantic	150,000
Chicago Great Western	1,680,660	Ocean Steamship Line	150,000
Grand Trunk	1,621,000	Portland Terminal	150,000
Kansas City Southern	1,585,000	Detroit & Toledo Shore Line	135,000
Terminal Railroad Assn. of St. Louis	1,545,000	Cumberland & Pennsylvania	127,900
Colorado & Southern	1,485,000	Detroit, Bay City & Western	120,000
Central of Georgia	1,450,000	New Orleans Great Northern	120,000
Chicago & Eastern Illinois	1,449,000	Atlantic Terminal	115,000
Virginian Railway	1,300,000	Winston-Salem South Bound	112,000
Central Railroad of New Jersey	1,250,000	Western Railway of Alabama	110,000
Pullman Co	1,200,000	Mississippi Central	102,500
Atlantic Coast Line	1,200,000	Ulster & Delaware	100,000
Los Angeles & Salt Lake	1,175,000	Baltimore & Ohio Chicago Terminal	100,000
Denver & Salt Lake	1,118,460	Toledo Terminal	100,000
Norfolk Southern	1,058,000	26 roads receiving in each case less than $100,000	990,000
Florida East Coast	1,050,000	Advances to inland waterways and canals	4,361,486
Central Vermont	1,035,000	Payments on account of standardized engines and cars	114,514,400
Hudson & Manhattan	1,012,000		
New York, Chicago & St. Louis	1,009,775		
Central New England	990,000		
Indiana Harbor Belt	920,000		
Texas & Pacific	909,250		
Pere Marquette	855,000	Total	689,034,759

DEPOSITS.[2]

Atchison, Topeka & Santa Fe	12,600,000	Duluth, Missabe & Northern	10,400,000
Elgin, Joliet & Eastern	7,000,000	Louisville & Nashville	5,510,000
Bessemer & Lake Erie	4,000,000	Atlantic Coast Line	3,800,000
Duluth & Iron Range	3,400,000	Pullman Car Lines	2,800,000
Richmond, Fredericksburg & Potomac	1,540,000	Atlantic S. S. Lines	1,500,000
Morgan's Louisiana & Texas R. R.	1,300,000	Central R. R. of New Jersey	1,250,000
Pere Marquette	1,145,900	Nashville, Chattanooga & St. Louis	1,000,000

[1] The figures include loans for current needs, payments on account of compensation, advances for operating requirements, and payments on account of new standardized cars and locomotives. In making these payments the Director drew on the $500,000,000 revolving fund to the extent of $453,454,810. The balance was obtained from surplus operating receipts of certain roads and from receipts from express companies.

[2] The figures relate to railroads and corporations which have made deposits with the Director-General aggregating as much as $1,000,000 in excess of the amounts returned to them by him.

No. 226.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENED JUNE 30, 1910 TO 1915, AND THE CALENDAR YEAR 1916, BY LEADING COMMODITIES.

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

Commodity.	1910[1]	1911[1]	1912[1]	1913[2]	1914[2]	1915	1916[2,3]		
							Originating on road.	Received from connecting roads and other carriers.	Total.
Products of agriculture:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
Grain	67,733,043	71,126,786	70,779,832	89,587,276	80,011,068	97,047,693	56,511,680	52,350,163	108,861,843
Flour	19,729,851	19,557,516	19,971,463	21,767,405	22,218,779	22,376,112	10,426,308	14,747,219	25,173,527
Other mill products	15,632,126	15,475,563	16,817,362	17,918,707	17,968,272	18,550,419	8,360,573	11,406,817	19,767,390
Hay	11,744,710	12,033,156	13,754,257	13,046,480	13,288,162	13,905,913	7,563,948	5,764,210	13,328,158
Tobacco	1,833,353	1,706,044	1,947,001	2,128,314	1,989,568	1,857,388	1,097,176	1,113,300	2,210,476
Cotton	6,122,624	7,228,879	9,221,868	7,997,025	8,624,847	9,944,886	4,619,677	5,628,194	10,247,871
Fruit and vegetables	27,968,788	29,108,043	31,083,546	35,892,658	39,269,036	41,754,129	18,426,632	24,829,688	43,256,320
Other products of agriculture	9,637,198	10,628,085	15,579,590	14,865,327	15,217,108	16,479,284	9,861,338	7,497,755	17,359,093
Total	160,401,693	166,864,072	179,154,919	203,203,192	198,586,840	221,915,824	116,867,332	123,337,346	240,204,678
Products of animals:									
Live stock	18,200,325	20,416,150	20,535,108	21,572,184	21,144,300	21,167,301	17,845,787	7,472,991	25,318,778
Dressed meats	5,953,431	5,637,469	5,702,584	5,855,960	5,445,499	5,709,711	2,818,180	3,725,355	6,543,535
Other packing-house products	4,651,120	4,809,181	5,126,238	5,103,435	5,066,472	5,225,922	2,675,868	3,148,178	5,824,046
Poultry, game, and fish	1,512,280	1,587,942	1,732,682	1,981,139	2,351,144	2,254,173	1,118,712	1,891,076	3,009,788
Wool	904,324	1,023,914	1,017,230	954,196	1,075,594	906,425	516,468	805,549	1,322,017
Hides and leather	3,014,630	2,653,507	2,689,907	2,686,586	2,656,355	2,700,723	1,447,499	1,876,176	3,323,675
Other products of animals	4,388,665	5,085,894	6,490,287	7,107,763	8,735,892	7,289,604	4,871,622	3,821,857	8,693,479
Total	38,624,775	41,214,057	43,294,036	45,261,263	46,475,256	45,253,859	31,294,136	22,741,182	54,035,318
Products of mines:									
Anthracite coal	117,480,501	127,402,064	119,835,090	136,205,485	128,826,808	124,647,691	79,095,284	50,983,355	130,078,639
Bituminous coal	467,060,739	479,638,745	525,444,172	562,465,724	561,412,516	507,832,161	343,756,704	274,880,243	618,636,947
Coke	77,990,907	60,804,241	61,941,110	73,155,701	60,783,693	46,689,044	38,755,568	34,986,004	73,741,572
Ores	158,179,430	133,082,878	138,667,493	171,905,292	159,705,231	126,791,372	143,730,442	82,682,732	226,413,174

Stone, sand, and other like articles	98,861,001	99,352,582	103,293,371	130,496,192	125,850,740	119,075,306	113,144,706	37,085,808	150,230,514
Other products of mines	22,493,269	20,848,929	20,031,710	25,639,154	26,868,601	26,005,022	18,668,168	18,070,091	36,738,259
Total	942,065,847	921,129,439	969,212,946	1,099,867,548	1,063,447,589	951,040,596	737,150,872	498,688,233	1,235,839,105
Products of forests:									
Lumber	135,677,828	125,185,647	125,350,692	152,065,216	145,464,354	123,122,328	75,896,808	85,276,934	161,173,742
Other products of forests	57,561,905	61,770,233	51,071,833	51,550,278	53,996,912	48,612,961	35,953,522	13,473,109	49,426,631
Total	193,239,733	186,955,880	176,422,525	203,615,494	199,461,266	171,735,289	111,850,330	98,750,043	210,600,373
Manufactures:									
Petroleum and other oils	16,531,174	17,596,449	20,677,785	23,536,256	23,660,871	26,296,569	16,909,465	19,995,706	36,905,171
Sugar	7,056,371	6,923,808	7,754,719	8,429,702	9,354,197	9,358,343	3,961,972	7,253,270	11,215,242
Naval stores	1,743,122	1,553,271	1,783,114	1,689,128	1,725,097	1,537,205	1,218,643	875,960	2,094,603
Iron, pig and bloom	28,963,137	22,713,623	24,053,768	29,613,282	23,336,043	18,391,787	21,745,490	18,631,581	40,377,071
Iron and steel rails	9,378,658	8,920,596	7,983,842	10,615,984	7,414,519	4,811,458	4,277,561	5,071,805	9,349,366
Other castings and machinery	27,274,820	23,052,502	23,843,074	30,951,697	26,540,896	21,139,593	16,150,743	19,529,932	35,680,675
Bar and sheet metal	34,074,515	29,899,867	31,227,138	37,315,634	30,560,443	26,877,408	22,171,244	22,760,205	44,931,449
Cement, brick, and lime	59,626,450	61,082,645	62,187,497	73,239,287	71,644,540	68,243,809	47,987,508	34,294,273	82,281,781
Agricultural implements	3,249,071	3,264,739	3,399,214	3,865,145	3,526,385	2,645,044	1,653,144	1,691,831	3,344,975
Wagons, carriages, tools, etc	3,223,308	3,008,857	2,914,832	3,852,949	3,959,499	4,124,543	3,343,070	4,742,944	8,086,014
Wines, liquors, and beers	6,785,150	6,829,700	7,068,924	7,858,107	7,771,970	6,635,184	4,241,845	3,605,204	7,847,049
Household goods and furniture	4,081,175	3,820,113	4,198,706	4,722,233	4,804,557	4,027,005	2,399,943	2,796,443	5,196,386
Other manufactures	76,170,549	79,110,164	82,678,331	89,100,195	86,505,185	78,397,992	50,113,751	55,727,987	105,841,738
Total	278,157,500	267,776,334	279,770,944	324,789,599	300,804,202	972,486,240	196,174,379	196,977,141	393,151,520
Merchandise	61,234,757	60,976,778	67,377,804	77,971,985	70,339,182	[4]53,605,587	[4]43,674,182	[4]39,088,812	[4]82,762,994
Miscellaneous—Other commodities	71,600,523	73,097,558	70,837,892	74,920,823	70,593,664	[5]81,274,512	[5]54,419,882	[5]42,307,968	[5]96,727,850
Grand total [6]	1,745,324,828	1,718,014,118	1,786,071,066	2,029,629,904	1,949,707,999	1,797,311,907	1,291,431,113	1,021,890,725	2,313,321,838

[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] Calendar year.

[4] Represents "Miscellaneous commodities not specified above (carload rates)."

[5] Represents "L. C. L. goods not distributed above."

[6] Excludes freight not classified, as follows: 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; 1916, 2,972,723 tons.

No. 227.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1910 TO 1916, AND CALENDAR YEAR 1916, BY STATES.

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

State.	1910 [1]		1911 [1]		1912 [1]		1913 [2]		1914 [2]		1915 [2]		1916 [2]		1916 [2,3]	
	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	1,410,412	297	1,520,686	317	1,619,874	336	1,559,168	322	1,755,382	357	1,686,859	342	1,700,415	339	1,750,834	349
Arizona	321,294	158	434,463	209	575,226	279	884,803	418	1,133,451	525	1,158,980	532	1,397,457	627	1,340,887	601
Arkansas	1,347,159	277	1,490,864	306	1,740,233	365	1,765,588	419	2,018,598	466	2,047,248	465	2,158,938	490	2,248,034	510
California	3,443,690	508	3,621,052	524	4,173,318	558	4,230,926	571	4,925,589	665	4,800,884	633	4,857,712	639	5,141,629	675
Colorado	1,636,739	306	1,766,000	326	1,831,933	327	1,847,843	339	2,026,619	372	2,115,660	383	2,368,277	436	2,451,233	451
Connecticut	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	789	972,740	975	1,113,992	1,116
Delaware	161,368	482	130,031	388	161,354	482	148,946	445	149,402	446	156,333	467	132,878	396	153,079	457
Dist. Columbia	56,189	1,562	54,714	1,521	54,292	1,509	56,742	1,659	57,394	1,678	62,136	1,816	59,397	1,704	64,124	1,823
Florida	838,618	208	886,771	212	991,023	224	1,053,651	257	1,207,574	281	1,215,782	276	1,515,490	335	1,571,571	345
Georgia	1,385,516	206	1,486,775	218	1,669,327	247	1,721,666	263	1,820,601	277	1,754,736	267	1,927,529	291	1,957,319	296
Idaho	714,427	345	785,051	337	1,395,779	581	1,434,985	584	1,738,925	662	1,462,006	549	1,681,536	615	1,475,327	540
Illinois	5,937,797	501	5,976,477	501	6,335,118	532	6,866,113	575	8,097,545	675	8,287,666	691	8,558,096	717	9,049,080	760
Indiana	3,845,333	521	4,145,568	562	4,193,485	569	4,536,007	624	4,880,652	670	5,196,470	717	5,470,789	755	5,802,532	796
Iowa	2,463,401	253	2,630,145	269	2,739,734	280	2,830,763	294	3,283,344	337	3,556,187	364	3,775,291	386	3,870,681	396
Kansas	3,074,085	344	2,837,915	316	3,490,893	387	3,401,988	380	3,593,097	396	3,825,908	421	4,022,138	441	4,107,564	449
Kentucky	1,073,463	312	1,374,307	396	1,301,159	366	1,637,277	469	2,188,544	619	1,812,116	513	1,860,484	522	2,017,931	573
Louisiana	1,238,064	250	1,324,555	265	1,444,817	293	1,486,000	330	1,778,823	381	1,948,905	412	1,996,812	427	2,234,916	479
Maine	674,962	301	780,429	345	937,239	417	971,889	455	1,060,336	496	1,097,785	510	1,071,383	498	1,025,693	476
Maryland	1,015,666	742	1,041,519	754	884,929	641	951,652	733	983,434	732	1,078,874	797	1,149,462	845	1,211,129	888
Massachusetts	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	2,562,916	1,227	2,574,726	1,230
Michigan	4,051,524	469	4,163,197	490	4,104,538	481	4,013,839	478	4,316,394	519	3,985,698	477	4,380,643	522	4,219,625	503
Minnesota	3,958,061	461	3,744,265	425	3,909,691	441	4,808,295	543	5,396,777	605	4,900,761	550	6,027,684	668	6,444,706	710
Mississippi	997,063	250	1,013,915	252	1,012,753	252	1,364,658	354	1,702,928	442	1,806,773	465	1,727,196	442	1,916,031	492

Missouri	1,830,155	230	1,859,948	232	2,028,768	253	2,204,835	283	2,173,382	279	2,252,461	289	2,194,200	282	2,257,903	290
Montana	1,485,534	356	1,634,809	385	1,723,495	405	1,874,409	428	2,119,912	445	2,226,213	468	2,562,694	539	2,780,697	583
Nebraska	2,030,864	335	2,182,954	360	2,299,663	375	2,324,355	378	2,594,851	420	2,626,086	426	2,698,558	437	2,704,452	439
Nevada	668,121	388	1,092,779	627	826,293	375	931,520	444	983,927	472	746,068	373	1,012,741	485	1,028,226	492
New Hampshire	777,864	629	708,217	572	751,443	607	862,257	691	809,313	649	751,121	602	696,062	559	746,161	600
New Jersey	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	7,792,764	3,537	7,655,741	3,458
New Mexico	745,120	254	560,874	192	680,909	233	970,915	337	1,276,641	443	1,068,876	369	1,154,537	414	1,179,213	423
New York	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	11,187,009	1,369	11,723,920	1,450
North Carolina	951,781	220	1,017,757	225	1,287,314	280	1,328,202	313	1,449,443	336	1,493,084	341	1,680,604	384	1,705,849	391
North Dakota	1,427,261	341	1,400,463	317	1,690,454	379	1,802,379	364	1,782,144	354	1,899,503	371	2,274,211	440	2,288,520	442
Ohio	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	9,701,813	1,071	10,618,161	1,179
Oklahoma	2,967,148	499	2,774,641	460	2,648,149	433	3,117,403	509	3,391,688	545	2,903,972	464	3,684,460	581	3,653,132	577
Oregon	912,851	444	830,462	360	1,461,162	608	1,479,983	599	1,730,265	683	1,430,208	538	1,668,936	625	1,491,542	530
Pennsylvania	6,352,492	587	7,491,403	689	7,092,339	647	8,489,875	810	8,824,383	821	8,491,931	785	8,678,961	800	9,957,027	917
Rhode Island	276,268	1,302	283,326	1,336	287,294	1,411	350,960	1,773	365,252	1,845	368,578	1,888	388,781	1,990	397,318	2,008
South Carolina	763,846	232	819,996	248	875,679	259	863,742	272	938,990	288	961,785	293	1,068,266	325	1,090,913	332
South Dakota	834,162	211	882,728	213	942,935	227	956,241	230	1,061,203	255	1,321,306	312	1,446,198	342	1,634,812	386
Tennessee	1,180,760	326	1,226,618	334	1,363,374	368	1,344,055	370	1,644,120	448	1,671,459	441	1,747,858	463	1,718,003	455
Texas	2,687,542	196	2,812,477	199	3,399,520	233	3,216,712	225	4,382,808	299	4,081,445	275	4,935,807	332	4,655,945	313
Utah	692,424	383	723,673	394	822,741	412	933,246	456	1,096,726	541	1,093,174	529	1,115,058	534	1,123,366	537
Vermont	256,657	251	280,217	272	293,873	286	386,888	395	499,224	509	508,707	519	491,207	501	490,729	502
Virginia	1,756,022	400	2,153,796	488	2,193,180	494	2,244,540	532	2,428,900	579	2,589,166	609	2,658,141	614	3,011,824	711
Washington	3,150,542	685	2,844,978	568	3,615,254	736	3,749,488	769	4,860,509	995	4,341,849	847	4,261,838	822	4,063,897	772
West Virginia	1,453,699	463	1,478,675	461	1,485,946	452	1,492,545	477	1,760,479	557	1,893,008	589	2,298,087	702	2,355,132	718
Wisconsin	3,162,137	440	3,306,656	456	3,583,427	482	3,855,843	544	4,387,545	619	4,768,492	671	5,119,043	720	4,967,702	687
Wyoming	614,314	384	631,534	395	614,301	376	655,993	403	789,340	448	742,162	405	855,681	465	900,958	490
Total [4]	99,423,112	431	103,873,193	444	115,643,032	488	122,817,394	528	136,263,054	579	134,895,161	569	144,748,778	608	149,943,786	629

[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] Calendar year.

[4] The figures exclude certain amounts of taxes not apportioned by States, as follows: 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); fiscal year 1916, $6,327,429 (including $5,969,823 assessed by the United States Government, chiefly as a special excise tax); calendar year 1916, $13,008,480 (including $12,530,949 assessed by the United States Government, chiefly as a special excise tax).

No. 228.—SUMMARY OF REPORTS OF PRINCIPAL RAILROADS FOR THE 10 MONTHS ENDED OCT. 31, 1917 AND 1918.

[Source: Official United States Bulletin, Jan. 8, 1919.]

Item.	1917	1918
Average number miles operated	232,247.39	232,768.38
Revenues:	*Dollars.*	*Dollars.*
Freight	2,357,337,826	2,818,178,627
Passenger	675,995,350	856,675,293
Mail	49,747,292	44,641,564
Express	87,602,865	102,568,529
All other transportation	95,929,935	103,591,193
Incidental	86,494,596	103,195,484
Joint facility—Cr	3,525,549	4,838,234
Joint facility—Dr	1,305,334	1,454,780
Railway operating revenues	3,355,328,079	4,032,234,144
Expenses:		
Maintenance of way and structures	383,027,441	521,591,085
Maintenance of equipment	564,864,375	897,206,220
Traffic	54,200,512	42,010,618
Transportation	1,240,877,509	1,666,399,250
Miscellaneous operations	27,954,528	32,485,831
General	79,749,836	92,082,032
Transportation for investment—Cr	6,467,277	4,689,107
Railway operating expenses	2,344,206,924	3,247,085,929
Net revenue from railway operations	1,011,121,155	785,148,215
Railway tax accruals (excluding "war taxes")	148,071,739	156,438,077
Uncollectible railway revenues	551,372	515,598
Railway operating income	862,498,044	628,194,540
Equipment rents	[1] 17,669,539	[1] 11,225,075
Joint facility rent (Dr. bal.)	11,285,121	11,790,543
Net of three previous items	833,543,384	605,178,922
Ratio of operating expenses to operating revenues ..... per cent	69.87	80.53

[1] Debit.

No. 229.—RAILROAD ACCIDENTS (STEAM RAILWAYS): NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1895 TO 1917.

[Sources: Years 1895 to 1910, statistical reports of the Interstate Commerce Commission; for subsequent years, accident bulletins of that commission compiled from monthly reports required under the act approved May 6, 1910. For various reasons, mainly the fact that returns were required under different acts, the statistics are not strictly comparable.]

Year ended June 30—	Employees.		Passengers.		Other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
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
1916 [2]	2,941	176,923	291	8,008	6,769	11,791	10,001	196,722
1917 [2]	3,199	174,247	343	8,374	6,545	12,184	10,087	194,805

[1] Excludes accidents reported by switching and terminal companies.
[2] Year ended Dec. 31.

No. 230.—RAILROAD ACCIDENTS: ANALYSIS OF CASUALTIES CLASSED AS "NONTRAIN ACCIDENTS" ON STEAM ROADS, YEAR ENDED DEC. 31, 1917. (See Table 231.)

[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.
Working machinery, engines, motors, etc.	7	4,148	1	32	....	271	1	100	6	190	...	19	15	4,760
Transmission apparatus (belts, gears, shafting, ropes, etc.)	4	406	...	8	....	37	...	23	1	56	...	5	5	535
Use of hand tools, apparatus, etc.	5	11,451	2	164	2	2,526	1	667	4	435	1	23	15	15,296
Flying particles	1	5,928	...	56	....	1,094	...	161	...	184	...	16	1	7,439
Explosives and inflammable, hot, or corrosive substances	10	2,521	1	66	4	118	2	54	4	190	...	30	21	2,979
Electric currents	7	103	...	3	5	18	2	8	10	53	4	5	28	190
Collapse, fall, etc., of objects	11	10,339	1	1,538	8	939	16	522	6	749	2	107	44	14,194
Falls of persons	27	7,089	1	1,561	26	2,447	26	1,027	18	1,768	20	404	118	14,296
Handling rails, ties, bridge timbers, etc.	...	2,200	...	148	5	9,089	2	1,292	1	516	...	43	8	13,288
Handling freight or supplies	5	4,684	9	10,119	....	611	2	178	...	745	...	113	16	16,450
Miscellaneous industrial causes	41	18,458	7	1,918	31	3,805	8	982	32	2,407	25	396	144	27,966
Total industrial accidents	118	67,327	22	15,613	81	20,955	60	5,044	82	7,293	52	1,161	415	117,393
Other nontrain accidents	1	225	1	39	6	144	...	24	5	546	38	1,086	51	2,064
Total	119	67,552	23	15,652	87	21,099	60	5,068	87	7,839	90	2,247	466	119,457

No. 231.—RAILROAD ACCIDENTS: CASUALTIES TO PERSONS, YEARS ENDED JUNE 30, 1916, AND DEC. 31, 1916 AND 1917.[1]

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

Cause.	Year ended June 30, 1916.							
	Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nontrespassers).		Total persons.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions [2]	84	2,143	145	1,660	23	57	252	3,860
Derailments [2]	57	1,671	133	1,255	68	128	258	3,054
Miscellaneous train accidents, including locomotive-boiler explosions [2]	.....	36	35	497	4	26	39	559
Train-service accidents [2]	142	4,529	1,960	39,740	6,227	9,337	8,329	53,606
Total	283	8,379	2,273	43,152	6,322	9,548	8,878	61,079
Nontrain accidents [3]	.....	.....	414	117,511	72	1,785	486	119,296
Total casualties	283	8,379	2,687	160,663	6,394	11,333	9,364	180,375

Cause.	Year ended Dec. 31, 1916.							
	Passengers and persons carried under contract.		Employees (including employees not on duty).		Other persons (trespassers and nontrespassers).		Total persons.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions [2]	70	1,886	179	2,013	17	46	266	3,945
Derailments [2]	41	1,699	156	1,279	61	155	258	3,133
Miscellaneous train accidents, including locomotive-boiler explosions [2]	.....	66	35	530	3	23	38	619
Train-service accidents [2]	180	4,357	2,143	45,299	6,591	9,629	8,914	59,285
Total	291	8,008	2,513	49,121	6,672	9,853	9,476	66,982
Nontrain accidents [3]	.....	.....	428	127,802	97	1,938	525	129,740
Total casualties	291	8,008	2,941	176,923	6,769	11,791	10,001	196,722

Cause.	Year ended Dec. 31, 1917.							
	Passengers and persons carried under contract.		Employees (including employees not on duty).		Other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions [2]	116	2,560	244	2,450	4	91	364	5,101
Derailments [2]	15	1,844	156	1,333	5	37	176	3,214
Miscellaneous train accidents, including locomotive-boiler explosions [2]	.....	56	51	506	100	345	151	907
Train-service accidents [2]	212	3,914	2,330	48,491	2,091	5,514	4,633	57,919
Total [4]	343	8,374	2,781	52,780	2,200	5,987	5,324	67,141
Nontrain accidents [4]	.....	.....	418	121,467	102	2,368	520	123,835
Total casualties	343	8,374	3,199	174,247	2,302	8,355	5,844	190,976

[1] See also preceding table.
[2] Covers all accidents to and around trains, cars, and engines, including, in general, all casualties resulting from train operation.
[3] Nontrain accidents are those in which train operation is not involved.
[4] Figures do not include trespassers: In train accidents, 68 killed, 76 injured; and in train-service accidents, 4,175 killed, 3,753 injured.

No. 232.—RAILROAD ACCIDENTS: SUMMARY OF ACCIDENTS ON STEAM ROADS, YEAR ENDED DEC. 31, 1917.

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

Classification.	In train accidents.		In train-service accidents.		Total.		
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Casualties.
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*
Trespassers:							
Employees	9	4	140	203	149	207	356
Other persons	59	72	4,035	3,550	4,094	3,622	7,716
Total	68	76	4,175	3,753	4,243	3,829	8,072
Nontrespassers:							
Employees on duty—							
Trainmen	395	3,719	1,097	44,168	1,492	47,887	49,379
All other	44	495	1,080	3,854	1,124	4,349	5,473
Total	439	4,214	2,177	48,022	2,616	52,236	54,852
Employees not on duty	12	75	153	469	165	544	709
Passengers	113	4,136	188	3,446	301	7,582	7,883
Persons carried under contract	18	324	24	468	42	792	834
All other	109	473	2,091	5,514	2,200	5,987	8,187
Total persons	759	9,298	8,808	61,672	9,567	70,970	80,537

Classification.	Number of accidents.	Killed.	Injured.	Total.
Nontrain accidents:	*Number.*	*Number.*	*Number.*	*Number.*
Industrial employees	.....	418	121,467	121,885
Other persons	.....	102	2,368	2,470
Total	124,172	520	123,835	124,355
Train accidents	19,435	759	9,298	10,057
Train-service accidents	67,122	8,808	61,672	70,480
Grand total	210,729	10,087	194,805	204,892

No. 233.—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. 234.—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	22,584,269	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. 235.—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. 236.—EMPLOYEES OF RAILROADS: AVERAGE NUMBER IN SERVICE AND AVERAGE NUMBER PER 100 MILES OF LINE OF STEAM RAILWAYS, CALENDAR YEAR 1916, BY CLASSES.

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

Class.	Steam railways (other than switching and terminal companies).[1]		Switching and terminal companies, average number.
	Average number.	Per 100 miles of line.	
General officers, $3,000 per annum and upward	4,284	2	167
General officers, below $3,000 per annum	5,146	2	469
Division officers, $3,000 per annum and upward	1,165	1	18
Division officers, below $3,000 per annum	9,325	4	154
Clerks, $900 per annum and upward	66,913	26	2,144
Clerks, below $900 per annum	102,804	40	3,056
Messengers and attendants	8,448	3	211
Assistant engineers and draftsmen	10,603	4	249
Maintenance of way and structure foremen	7,854	3	112
Section foremen	43,103	17	515
General foremen—maintenance of equipment department	1,619	1	81
Gang and other foremen—maintenance of equipment department	16,864	7	263
Machinists	38,694	15	708
Boiler makers	12,495	5	322
Blacksmiths	8,079	3	158
Masons and bricklayers	1,273	1	41
Structural ironworkers	762	.....	12
Carpenters	51,973	20	952
Painters and upholsterers	11,130	4	163
Electricians	8,780	4	208
Air-brake men	5,751	2	103
Car inspectors	18,765	7	769
Car repairers	66,937	26	1,203
Other skilled laborers	48,994	19	785
Mechanics' helpers and apprentices	81,163	32	1,125
Section men	268,355	104	4,724
Other unskilled laborers	104,492	41	2,312
Foremen of construction gangs and work trains	2,626	1	97
Other men in construction gangs and work trains	39,083	15	1,544
Traveling agents and solicitors	6,033	2	14
Employees in outside agencies	1,885	1	1
Other traffic employees	672	.....	16
Train dispatchers and directors	5,095	2	127
Telegraphers, telephoners, and block operators	19,677	8	387
Telegraphers and telephoners operating interlockers	7,793	3	170
Levermen (nontelegraphers)	3,436	1	233
Telegrapher clerks	11,035	4	42
Agent telegraphers	20,825	8	12
Station agents (nontelegraphers)	16,042	6	200
Station masters and assistants	638	.....	106
Station-service employees	110,751	43	4,711
Yardmasters	3,578	1	311
Yardmasters' assistants	2,175	1	168
Yard engineers and motormen	16,106	6	1,755
Yard firemen and helpers	16,420	6	1,779
Yard conductors (or foremen)	15,561	6	1,721
Yard brakemen (switchmen or helpers)	40,643	16	3,447
Yard switch tenders	4,898	2	600
Other yard employees	4,124	2	202
Hostlers	7,799	3	253
Enginehouse men	51,200	20	1,309
Road freight engineers and motormen	33,094	13	73
Road freight firemen and helpers	35,058	14	78
Road freight conductors	26,699	10	73
Road freight brakemen and flagmen	65,819	26	143
Road passenger engineers and motormen	14,008	5	18
Road passenger firemen and helpers	13,575	5	7
Road passenger conductors	11,182	4	19
Road passenger baggagemen	5,821	2	4
Road passenger brakemen and flagmen	15,258	6	12
Other road train employees	3,391	1	4
Crossing flagmen and gatemen	16,217	6	755
Drawbridge operators	1,368	1	71
Floating-equipment employees	10,765	4	243
Express-service employees	17	.....	2
Policemen and watchmen	8,562	3	465
Other transportation employees	6,431	3	129
All other employees	19,683	8	611
Total	1,700,814	661	42,935

[1] Represents 257,331.08 miles (average mileage of road operated during the year).

No. 237.—EMPLOYEES OF RAILROADS: Total Yearly Compensation of Steam Railways, Calendar Year 1916, by Classes.

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

Class.	Steam railways (other than switching and terminal companies).[1]	Switching and terminal companies.
	Dollars.	*Dollars.*
General officers, $3,000 per annum and upward	28,300,450	769,568
General officers, below $3,000 per annum	8,298,008	639,903
Division officers, $3,000 per annum and upward	4,366,724	58,098
Division officers, below $3,000 per annum	16,363,916	266,233
Clerks, $900 per annum and upward	79,554,910	2,410,089
Clerks, below $900 per annum	69,958,344	2,078,103
Messengers and attendants	3,967,512	82,335
Assistant engineers and draftsmen	11,896,836	290,177
Maintenance of way and equipment foremen	8,852,730	139,230
Section foremen	34,851,488	475,940
General foremen—maintenance of equipment department	2,511,788	118,053
Gang and other foremen—maintenance of equipment department	20,749,156	334,980
Machinists	46,509,274	879,573
Boiler makers	15,325,285	393,673
Blacksmiths	8,701,803	171,997
Masons and bricklayers	1,184,797	28,669
Structural ironworkers	783,676	12,270
Carpenters	44,384,463	854,875
Painters and upholsterers	9,524,327	141,758
Electricians	8,389,618	203,056
Air-brake men	5,404,563	92,146
Car inspectors	18,189,811	793,356
Car repairers	55,074,586	1,005,874
Other skilled laborers	45,752,825	752,159
Mechanics' helpers and apprentices	56,314,779	831,460
Section men	135,151,829	2,841,571
Other unskilled laborers	63,374,232	1,567,057
Foremen of construction gangs and work trains	2,424,505	93,157
Other men in construction gangs and work trains	21,671,833	997,449
Traveling agents and solicitors	9,398,697	19,324
Employees in outside agencies	1,959,499	600
Other traffic employees	779,165	10,530
Train dispatchers and directors	8,614,593	160,627
Telegraphers, telephoners, and block operators	16,859,592	294,625
Telegraphers and telephoners operating interlockers	6,771,548	144,775
Levermen (nontelegraphers)	2,661,455	200,223
Telegrapher clerks	9,135,051	34,258
Agent telegraphers	17,718,276	11,218
Station agents (nontelegraphers)	14,742,909	269,742
Station masters and assistants	717,582	125,409
Station-service employees	72,458,623	3,201,775
Yardmasters	5,780,798	529,081
Yardmasters' assistants	3,371,443	271,074
Yard engineers and motormen	25,910,312	2,851,255
Yard firemen and helpers	16,187,870	1,822,131
Yard conductors (or foremen)	22,103,626	2,451,128
Yard brakemen (switchmen or helpers)	48,559,839	4,271,326
Yard switch tenders	3,694,622	457,338
Other yard employees	2,304,371	165,043
Hostlers	8,020,802	251,013
Enginehouse men	36,890,317	987,779
Road freight engineers and motormen	60,574,151	115,127
Road freight firemen and helpers	39,042,136	76,327
Road freight conductors	42,638,621	98,190
Road freight brakemen and flagmen	68,612,631	153,779
Road passenger engineers and motormen	29,332,301	25,922
Road passenger firemen and helpers	17,416,630	10,088
Road passenger conductors	20,610,370	21,045
Road passenger baggagemen	6,308,656	3,526
Road passenger brakemen and flagmen	15,579,095	8,250
Other road train employees	2,668,457	594
Crossing flagmen and gatemen	7,954,195	371,710
Drawbridge operators	958,621	55,227
Floating-equipment employees	9,417,300	213,927
Express-service employees	12,019	1,560
Policemen and watchmen	6,860,794	324,761
Other transportation employees	4,294,541	92,677
All other employees	12,196,419	401,319
Total	1,506,960,995	39,827,112

[1] Represents 257,188.41 miles (average mileage of road operated during the year).

No. 238.—EMPLOYEES OF RAILROADS: AVERAGE HOURLY COMPENSATION OF STEAM RAILWAYS, CALENDAR YEAR 1916, BY CLASSES.

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

Class.	Steam railways (other than switching and terminal companies).[1]	Switching and terminal companies.
	Dollars.	*Dollars.*
General officers, $3,000 per annum and upward	[2] 20.341	[2] 15.480
General officers, below $3,000 per annum	[2] 5.086	[2] 4.767
Division officers, $3,000 per annum and upward	[2] 11.115	[2] 10.034
Division officers, below $3,000 per annum	[2] 4.989	[2] 5.228
Clerks, $900 per annum and upward	.428	.366
Clerks, below $900 per annum	.234	.223
Messengers and attendants	[2] 1.378	[2] 1.160
Assistant engineers and draftsmen	[2] 3.477	[2] 3.587
Maintenance of way and equipment foremen	.334	.348
Section foremen	.236	.270
General foremen—maintenance of equipment department	[2] 4.382	[2] 4.074
Gang and other foremen—maintenance of equipment department	.358	.357
Machinists	.409	.390
Boiler makers	.409	.395
Blacksmiths	.391	.355
Masons and bricklayers	.316	.265
Structural ironworkers	.326	.324
Carpenters	.289	.307
Painters and upholsterers	.308	.286
Electricians	.288	.302
Air-brake men	.286	.252
Car inspectors	.246	.258
Car repairers	.284	.259
Other skilled laborers	.305	.289
Mechanics' helpers and apprentices	.238	.226
Section men	.164	.196
Other unskilled laborers	.193	.198
Foremen of construction gangs and work trains	.283	.305
Other men in construction gangs and work trains	.182	.206
Traveling agents and solicitors	[2] 4.947	[2] 4.518
Employees in outside agencies	.397	.200
Other traffic employees	.465	.197
Train dispatchers and directors	.546	.418
Telegraphers, telephoners, and block operators	.282	.254
Telegraphers and telephoners operating interlockers	.301	.300
Levermen (nontelegraphers)	.219	.260
Telegrapher clerks	.253	.272
Agent telegraphers	.231	.267
Station agents (nontelegraphers)	[2] 2.557	[2] 3.911
Station masters and assistants	[2] 3.226	[2] 3.201
Station-service employees	.202	.198
Yardmasters	[2] 4.425	[2] 4.867
Yardmasters' assistants	[2] 4.148	[2] 4.311
Yard engineers and motormen	.434	.435
Yard firemen and helpers	.272	.281
Yard conductors (or foremen)	.385	.388
Yard brakemen (switchmen or helpers)	.352	.354
Yard switch tenders	.197	.214
Other yard employees	.157	.217
Hostlers	.255	.254
Enginehouse men	.188	.199
Road freight engineers and motormen	.601	.407
Road freight firemen and helpers	.380	.256
Road freight conductors	.494	.373
Road freight brakemen and flagmen	.332	.318
Road passenger engineers and motormen	.876	.414
Road passenger firemen and helpers	.550	.310
Road passenger conductors	.691	.358
Road passenger baggagemen	.396	.221
Road passenger brakemen and flagmen	.396	.309
Other road train employees	.285	.468
Crossing flagmen and gatemen	.120	.125
Drawbridge operators	.172	.199
Floating-equipment employees	.227	.262
Express-service employees	.269	.213
Policemen and watchmen	[2] 2.126	[2] 1.954
Other transportation employees	.206	.201
All other employees	.188	.184
All classes for which hourly pay is shown	.275	.266
All classes for which daily pay is shown	4.071	4.318

[1] Represents 257,188.41 miles (average mileage of road operated during the year).
[2] Represents average daily compensation.

No. 239.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: Number and Mileage, 1880 to 1917.

[Source: The Railway Age, Chicago, Ill.]

Calendar year.	Placed under receivership.			Sold under foreclosure.		
	Number of roads.	Miles.	Stocks and bonds.	Number of roads.	Miles.	Stocks and bonds.
			Dollars.			*Dollars.*
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	18	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	2,968	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	23,266,000
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	8	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	4,430	208,159,689	26	8,355	703,444,855
1917	19	2,486	61,169,962	20	10,963	557,846,348

No. 240.—EXPRESS COMPANIES: Classification of Mileage Covered by Operations, Dec. 31, 1917, Compared with Total for Dec. 31, 1916.

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

Company.	Steam road.	Electric line.	Steamboat line.	State line.	Total, Dec. 31, 1917.	Total, Dec. 31, 1916.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Adams Express Co	41,496.84	2,738.52	4,367.00	.....	48,602.36	45,306.98
American Express Co	71,003.33	1,064.08	1,221.62	.....	73,289.03	73,464.92
Canadian Express Co	11,238.14	113.00	1,079.00	17.00	12,447.14	12,049.93
Great Northern Express Co	8,591.75	335.50	168.00	.....	9,095.25	9,957.29
Northern Express Co	7,975.29	14.10	301.00	.....	8,290.39	8,294.45
Southern Express Co	34,135.30	77.00	706.00	.....	34,918.30	34,822.60
Wells, Fargo & Co	77,766.71	4,431.50	32,144.37	1,178.07	115,520.65	107,071.58
Western Express Co	5,200.90	28.00	8.00	.....	5,236.90	5,253.32
Total	257,408.26	8,801.70	39,994.99	1,195.07	307,400.02	[1] 296,221.07

[1] Includes 8,663.62 miles of electric lines; 31,738.01 miles of steamboat lines; and 1,097.37 miles of stage lines.

No. 241.—EXPRESS COMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEAR ENDED DEC. 31, 1917.

[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, 1917.
INCOME ACCOUNT.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Charges for transportation	53,730,035	75,920,831	4,950,453	3,808,456	3,615,043	19,300,342	59,813,391	1,721,822	222,860,373
Express privileges—Dr	26,707,165	37,715,796	2,490,507	2,314,182	1,965,486	9,924,641	31,586,320	830,962	113,535,059
Revenue from transportation	27,022,870	38,205,035	2,459,946	1,494,274	1,649,557	9,375,701	28,227,071	890,860	109,325,314
Revenue from operations other than transportation	630,830	3,894,238	153,570	69,880	52,390	395,746	1,351,269	46,892	6,594,815
Total operating revenues	27,653,700	42,099,273	2,613,516	1,564,154	1,701,947	9,771,447	29,578,340	937,752	115,920,129
Operating expenses	30,476,896	40,831,310	2,460,569	1,232,256	1,338,190	8,170,055	28,397,532	814,249	113,721,057
Net operating revenues	[1]2,823,196	1,267,963	152,947	331,898	363,757	1,601,392	1,180,808	123,503	2,199,072
Uncollectible revenue from transportation	20,745	26,469	1,816	176	1,618	2,220	17,542	170	70,756
Express taxes	293,247	562,310	88,462	109,679	72,416	[2]649,952	511,849	24,706	[2]2,312,621
Operating income	[1]3,137,188	679,184	62,669	222,043	289,723	949,220	651,417	98,627	[1]184,305
Other income	2,308,709	860,710	----------	42,120	66,562	92,151	1,092,829	8,211	4,471,292
Gross income	[1]828,479	1,539,894	62,669	264,163	356,285	1,041,371	1,744,246	106,838	4,286,987
Deductions from gross income	1,056,064	282,301	[3]62,669	373	254	16,775	119,394	751	[4]1,538,581
Net income	[1]1,884,543	1,257,593	----------	263,790	356,031	1,024,596	1,624,852	106,087	2,748,406
Dividend appropriations of income	----------	----------	----------	270,000	----------	800,000	1,438,044	----------	2,508,044
Other deductions from net income	----------	----------	----------	----------	----------	----------	----------	----------	----------
Income balance transferred to profit and loss	[1]1,884,543	1,257,593	----------	[1]6,210	356,031	224,596	186,808	106,087	240,362
PROFIT AND LOSS ACCOUNT.									
Credit balance on Dec. 31 of the preceding year	10,350,433	6,923,549	----------	638,109	773,301	3,647,150	4,020,095	182,790	26,535,427
Credit balance for the year from income	[1]1,884,543	1,257,593	----------	[1]6,210	356,031	224,596	186,808	106,087	240,362
Dividend appropriations of surplus	550,000	1,046,190	----------	----------	----------	----------	----------	----------	1,596,190
Other profit and loss items—credit balance	99,116	[1]921,035	----------	574	[1]21	20,407	[1]84,118	270	[1]884,807
Balance credit carried to balance sheet	8,015,006	6,213,917	----------	632,473	1,129,311	3,892,153	4,122,785	289,147	24,294,792

[1] Debit.
[2] Includes a charge of $400,000 to create a "Reserve for war-profits tax."
[3] Represents balance turned over to Grand Trunk Ry. Co. of Canada.
[4] Includes $62,669 balance turned over to Grand Trunk Ry. Co. of Canada.

No. 242.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1902 TO 1917.[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.
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
St. Louis and Cairo:							
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	16,081	972	982	6,581	113,673	5,786	44,555
1911	23,578	1,889	2,871	8,868	165,398	7,732	63,908
1912	12,496	1,251	1,997	5,507	145,227	6,429	37,856
1913	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	31,064
1916	13,044	285	1,027	6,580	62,723	19,358	828,514
1917	7,586	907	1,415	5,608	15,183	7,357	28,664
Cairo and Memphis:							
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
1916	7,112	25,896	4,798	2,506	477,829	26,795	184,270
1917	5,064	6,370	4,175	2,439	220,811	30,410	195,152
Memphis and Vicksburg:							
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	1,077,693	76,357	630,226
1905	47,960	66,556	64,099	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	116,748
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
1916	13,175	30,565	15,338	10,563	379,201	32,127	155,034
1917	9,314	14,661	9,827	7,031	129,847	29,652	208,821
Vicksburg and New Orleans:							
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	18,809
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
1916	13,239	6,053	8,324	3,331	349,394	70,812	77,626
1917	5,247	13,193	5,865	2,353	269,568	40,517	238,245

[1] Each stretch is treated as a separate river, and tonnage carried between ports on different stretches will appear in the statistics of all intervening stretches; consequently the sum of the tonnage carried in the four stretches does not represent the total traffic on the river as a whole.

No. 242.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1902 TO 1917—Continued.

Section of river and year.	Iron, steel, and metals.	Groceries and provisions.	Gravel, sand, and stone.	Oil.[1]	Miscellaneous and unclassified.	Total.
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
St. Louis and Cairo:						
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
1916	4,468	9,061	771,753	19,569	75,051	1,065,773
1917	60,584	6,256	127,254	8,143	95,820	364,777
Cairo and Memphis:						
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
1916	313	11,575	429,779	1,054	33,720	1,205,647
1917	55,052	8,967	70,089	5,305	31,610	635,444
Memphis and Vicksburg:						
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	72,600	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	24,881	45,860	892,940	38,579	76,444	2,198,814
1916	4,206	20,984	1,059,150	2,395	87,230	1,809,977
1917	58,803	13,389	932,612	5,745	73,838	1,493,540
Vicksburg and New Orleans:						
1902	51,714	193,099	.....	.....	399,500	2,159,258
1903	52,891	157,540	27,983	.....	187,030	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
1916	2,185	75,268	290,457	1,201,581	135,968	2,234,238
1917	1,249	46,237	247,478	1,515,115	164,587	2,549,654

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

No. 243.—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: 1877 TO 1918.

[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.*
1877	11.24	15.8	20.3	7	1898	4.42	4.96	11.55	$3\frac{7}{16}$
1878	9.15	11.4	17.7	$7\frac{5}{8}$	1899	5.65	6.63	11.13	$2\frac{7}{16}$
1879	11.6	13.3	17.3	$6\frac{3}{16}$	1900	4.42	5.05	[3] 9.98	$3\frac{1}{8}$
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	$2\frac{1}{8}$	1908	6.00	6.33	[3] 11.70	$1\frac{9}{16}$
1888	5.93	11.0	[2] 14.5	$2\frac{5}{8}$	1909	5.35	6.88	[3] 11.70	$1\frac{5}{8}$
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	$2\frac{5}{8}$	1913	5.74	7.01	[3] 9.60	$2\frac{11}{16}$
1893	6.33	8.44	14.7	$2\frac{3}{8}$	1914	5.31	6.54	[3] 9.60	3
1894	4.44	7.0	12.88	$1\frac{15}{16}$	1915	6.08	7.48	[3] 10.08	$13\frac{1}{4}$
1895	4.11	6.95	12.17	$2\frac{9}{16}$	1916	7.95	9.55	[3] 10.08	$18\frac{1}{2}$
1896	5.88	7.32	12.0	$2\frac{15}{16}$	1917	8.72	9.99	[3] 10.08	([4])
1897	4.35	7.37	12.32	$3\frac{1}{16}$	1918	12.53	12.27	[3] 16.24	([4])

[1] Includes canal tolls prior to 1883, but not Buffalo transfer charges.
[2] Averages based upon officially published tariffs; actual rates lower.
[3] For domestic consumption; local rate for export only 9.08 cents in 1900, 9.02 cents in 1901, and 8.75 cents in 1902; and, when consigned or delivered to steamer, 8.89 cents in 1903, 8.47 cents in 1904, 7.99 cents in 1905, 8.10 cents in 1906, 9.70 cents in 1907, 10.50 cents in 1908 and 1909, 7.80 cents in 1910 to 1914, 8.22 cents in 1915 and 1916, 9.18 cents in 1917, and 15.29 cents in 1918.
[4] No freights quoted.

No. 244.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK AND ELEVATING AND STORAGE RATES AT BUFFALO: 1887 TO 1918.

[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.*
1887	4.5	0.875	1903	4.0	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	.875	1914	4.3	.500
1899	3.0	.500	1915	4.6	.500
1900	2.5	.500	1916	5.0	.500
1901	3.5	.500	1917	4.4	([2])
1902	3.8	500	1918	9.3	([2])

[1] Storage varied; 5 to 10 days the limit.
[2] No available data.

No. 245.—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 1907 TO 1916.[1]

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

Shipped to—	Article.	1907	1908	1909	1910	1911	1912	1913	1915	1916
		Dolls.	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*
Liverpool	Grain	0.1922	0.1901	0.1893	0.1815	0.1979	0.2561	0.2339	0.5968	0.5017
Do	Sacked flour	.2125	.2075	.2072	.1975	.2302	.2900	.3000	.6250	.8530
Do	Provisions	.4085	.4257	.4538	.4538	.4538	.4819	.5100	1.0600	1.7750
Glasgow	Grain	.1967	.1863	.1800	.1591	.2000	.2100	.2292	.5813	.4880
Do	Sacked flour	.2391	.2200	.2100	.2150	.2500	.3000	.3200	.6980	.8580
Do	Provisions	.4688	.4688	.4688	.4688	.4688	.5250	.5531	1.0009	1.7750
London	Grain	.2054	.1946	.1817	.1775	.2092	.2630	.2433	.5443	.4992
Do	Sacked flour	.2363	.2316	.2150	.2200	.2525	.2922	.3050	.6825	.8580
Do	Provisions	.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	.4556	.4959	.4942	.4944	.4944	.5235	.5522	.....	.....
Hamburg	Grain	.....	.....	.....	.....	.....	.....	.2616	.....	.....
Do	Sacked flour	.....	.....	.....	.....	.2770	.4500	.3700	.....	.....
Do	Provisions	.4600	.4949	.4909	.5000	.5000	.6200	.5583	.....	.....
Amsterdam	Grain	.....	.....	.....	.....	.2100	.3250	.2507	.....	.....
Do	Sacked flour	.....	.....	.....	.....	.2400	.3550	.3000	.....	.....
Do	Provisions	.4500	.4500	.4800	.4800	.4900	.6100	.5400	.....	.....
Rotterdam	Grain	.....	.....	.....	.....	.2000	.3200	.2507	.6943	.6143
Do	Sacked flour	.....	.....	.....	.....	.2300	.3550	.2900	.8333	.8675
Do	Provisions	.4500	.4500	.4700	.4700	.4800	.6000	.5300	.....	1.7180
Copenhagen	Sacked flour	.....	.....	.....	.....	.3100	.4800	.4000	.....	.8875
Do	Provisions	.5100	.5396	.5531	.5531	.5697	.7129	.6943	.....	1.7650
Stockholm	Sacked flour	.....	.....	.....	.....	.3600	.5200	4300	.....	.....
Do	Provisions	.5300	.5466	.5672	.5672	.5978	.7499	.7314	.....	.....
Stettin	Sacked flour	.....	.....	.....	.....	.3100	.4900	.3900	.....	.....
Do	Provisions	.4900	.5185	.5391	.5391	.5556	.6987	.6801	.....	.....
Bordeaux	do	.5500	.5500	.5500	.5750	.5750	.6300	.7125	.....	.....
Havre	do	.....	.....	.....	.....	.5375	.6150	.6938	.....	.....

[1] During the first six months of the year 1914 rates paid on grain, flour, and provisions were quite low as compared with previous years; the European war, however, shortly after the beginning of hostilities, created a tremendous demand for tonnage and forced rates to the highest level known to this generation of shippers. Complete statements of freight averages for 1914 to 1916 are therefore impossible, and for 1917 and 1918 no figures are available.

No. 246.—AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS: 1900 TO 1918.

[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.*
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)
1917	.....	.....	19.80	43.87	.....	(2)
1918	13.00	7.8	[3] 28.00	[4] 62.06	(5)	(5)

[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 1914 to 1917 are not available.
[3] Effective June 25, 1918; prior to that, rate was 22½ cents.
[4] Effective June 25, 1918; prior to that, rate was 49.22 cents per barrel.
[5] No ocean rates available, as shipping was controlled by Governments and rates were not made public.

No. 247.—CATTLE, HOGS, AND SHEEP: Receipts at Twelve Principal Western Markets, 1892 to 1918.

[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.*
1892..	3,769,372	7,714,435	2,145,079	1,571,155	2,397,477	438,268	855,056	1,613,384	188,588
1893..	3,343,963	6,057,278	3,031,174	1,746,828	1,948,373	569,517	852,456	1,406,451	252,273
1894..	3,135,312	7,483,228	3,099,725	1,772,545	2,547,077	589,555	821,512	1,932,677	243,945
1895..	2,757,298	7,885,283	3,406,739	1,689,652	2,457,697	864,713	586,103	1,186,726	204,870
1896..	2,738,813	7,659,472	3,590,655	1,814,698	2,605,575	993,126	586,578	1,216,370	358,005
1897..	2,677,900	8,363,724	3,606,640	1,921,962	3,350,796	1,134,236	810,949	1,610,981	627,160
1898..	2,613,630	8,817,114	3,589,439	1,846,233	3,672,909	980,803	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	4,682,760	2,137,112	1,969,381	1,151,780	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	1,754,865
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..	3,389,519	6,619,018	4,441,424	2,659,928	3,092,835	1,645,325	1,124,618	2,135,493	2,167,014
1910..	3,552,899	5,586,858	5,229,294	2,507,142	2,085,566	1,841,173	1,223,533	1,894,314	2,984,870
1911..	3,453,343	7,103,360	5,736,244	2,370,390	3,167,816	2,175,493	1,174,312	2,366,684	2,977,570
1912..	3,157,743	7,180,967	6,055,546	2,147,224	2,523,331	2,138,976	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	2,978,933	1,758,175	1,434,304	3,116,820	3,170,908
1917..	3,820,271	7,168,852	3,595,228	2,902,253	2,276,995	1,498,550	1,719,822	2,796,596	3,016,631
1918..	4,447,689	8,614,190	4,029,736	3,319,511	3,327,722	1,667,463	1,993,366	3,429,533	3,385,696

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.*
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..	38,898	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..	282,078	1,034,125	121,707	795,611	2,136,328	477,091	215,993	338,405	430,194
1899..	294,950	1,401,794	258,393	766,032	2,147,144	432,566	221,367	369,243	383,598
1900..	390,381	1,678,520	390,308	795,800	2,150,972	494,133	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	1,254,286	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	3,057,414	670,838	941,115	2,674,547	623,214
1917..	670,167	1,920,177	678,853	1,404,741	2,705,614	531,034	1,197,129	1,927,952	429,617
1918..	369,383	2,351,013	827,489	1,509,409	3,256,500	536,406	1,430,408	2,061,390	630,203

[1] Cattle only.

No. 247.—Cattle, Hogs, and Sheep: Receipts at Twelve Specified Western Markets, 1892 to 1918—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.*
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	130,480
1900....	300,437	833,141	61,342	210,631	782,742	330,748	123,552	1,180,605	186,822
1901....	308,529	959,964	66,930	222,738	742,701	358,922	68,851	995,113	197,456
1902....	404,835	1,007,762	61,275	239,679	664,734	410,248	61,858	960,067	194,537
1903....	379,446	1,007,900	41,774	245,716	736,770	394,108	90,743	1,215,798	224,489
1904....	331,293	1,113,177	28,464	252,807	870,128	370,475	94,235	1,354,276	237,161
1905....	402,955	1,298,685	56,582	298,893	948,093	322,624	105,703	1,251,229	190,080
1906....	385,255	1,157,947	64,167	313,256	859,334	313,885	100,215	964,139	242,712
1907....	410,216	1,289,125	64,507	312,214	938,793	305,161	100,041	1,107,662	367,329
1908....	385,470	1,380,639	58,747	295,746	1,170,999	330,136	92,325	1,496,978	325,216
1909....	426,278	1,077,350	78,490	310,380	876,180	360,938	106,425	1,155,523	344,563
1910....	438,690	1,044,122	150,935	319,138	758,922	354,371	131,872	537,291	350,716
1911....	487,237	1,348,551	212,004	327,075	1,035,978	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
1917....	706,718	2,149,115	267,441	452,836	1,239,042	270,329	135,560	648,332	182,065
1918....	817,584	2,421,166	387,423	.....	.....	.....	[2]94,213	568,815	173,191

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.*
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	620,481	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	2,576,611	98,142	[2]220,133	572,679	20,875
1917....	653,377	351,903	2,059,898	501,156	2,350,730	102,293	[2]371,307	494,877	27,366
1918....	728,268	383,543	1,651,759	504,190	2,749,976	113,828	[2]393,914	617,745	39,842

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

No. 248.—GRAIN RECEIVED:[1] BY SPECIFIED PORTS, CALENDAR YEARS 1914 TO 1918.

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

Port.[2]	1904	1905	1906	1907	1908
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	9,649,880	9,804,675	11,769,800	9,558,500	7,228,000
Coastwise and river	1,319,632	755,567	244,815	254,613	957,259
By rail	81,196,902	111,787,340	017,618,105	112,397,811	95,532,736
Total	92,166,414	122,347,582	119,632,720	122,210,924	103,717,995
Portland, Me	15,940,114	17,723,688	19,184,965	25,061,918	.....
Boston	24,374,770	32,445,637	35,136,397	37,776,856	24,637,968
Philadelphia	26,281,337	36,066,919	48,535,326	53,918,914	44,614,736
Baltimore	27,650,511	42,225,063	52,329,118	51,274,138	40,329,270
New Orleans	11,027,673	31,007,764	33,705,168	22,444,681	17,737,501
Grand total	197,440,819	281,816,648	308,523,694	312,687,431	231,037,470
Montreal, Canada	24,228,680	31,804,504	31,965,187	42,954,386	41,006,738

Port.[2]	1909	1910	1911	1912	1913
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	9,676,000	11,000,700	7,895,000	3,530,600	4,371,700
Coastwise and river	1,863,504	441,588	3,913,254	4,268,675	3,904,292
By rail	82,895,110	86,635,278	107,411,728	122,371,905	131,768,203
Total	94,434,614	98,077,566	119,219,982	130,171,180	140,044,195
Portland, Me.[3]	.....	.....	.....	.....	.....
Boston	25,968,955	22,451,292	28,904,930	31,846,400	42,046,105
Philadelphia	35,126,455	30,120,980	41,195,845	43,423,348	47,496,548
Baltimore	31,654,690	32,861,922	42,123,546	55,010,887	68,754,883
New Orleans	17,127,626	16,213,444	15,919,182	21,530,971	30,757,892
Grand total	204,312,340	199,725,204	247,363,485	281,982,786	329,099,623
Montreal, Canada	43,551,119	45,427,290	49,325,297	59,393,707	66,078,237

Port.[2]	1914	1915	1916	1917	1918
New York:	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
By canal, via river	5,803,900	3,841,000	1,839,000	617,100	2,990,348
Coastwise and river	11,333,344	7,291,638	10,179,449	4,982,694	1,419,190
By rail	142,127,622	214,753,963	220,993,650	180,617,799	114,335,479
Total	159,264,866	225,886,601	233,012,099	186,217,593	118,745,017
Boston	26,033,229	28,132,085	42,788,468	27,133,944	28,723,722
Philadelphia	49,009,621	70,765,806	73,610,091	65,051,227	52,569,863
Baltimore	68,909,106	106,124,331	143,464,462	96,831,477	62,857,556
New Orleans	53,061,500	56,774,000	48,268,000	58,736,000	67,626,500
Grand total	356,278,322	487,682,823	541,143,120	433,970,241	330,522,658
Montreal, Canada	99,054,293	68,231,647	107,784,890	57,607,943	105,378,861

[1] Grain embraces wheat flour reduced to equivalent in wheat, corn, rye, oats, barley, malt, and peas.
[2] Receipts at New York, Portland, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Portland via Montreal are duplications of receipts reported at Montreal. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain.

No. 249.—SHIPMENTS OF ANTHRACITE COAL: CALENDAR YEARS 1905, 1910, AND 1915 TO 1918.

[Source: The Coal Trade.]

Railroad.	1905	1910	1915	1916	1917	1918
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Philadelphia & Reading	12,574,502	12,445,733	11,488,444	12,842,731	14,910,240	14,837,395
Lehigh Valley	10,072,120	11,195,765	12,932,526	12,056,078	13,969,504	14,277,325
Central of New Jersey	7,983,274	8,519,135	8,017,816	7,135,544	8,286,670	7,124,551
Delaware, Lackawanna & Western	9,554,046	9,589,076	9,579,053	10,638,500	12,409,120	11,884,669
Delaware & Hudson	4,390,635	6,578,356	8,016,988	7,095,297	8,533,716	8,914,684
Pennsylvania	6,225,622	6,250,976	6,124,596	5,841,475	5,610,846	5,578,207
Erie	5,640,528	7,554,198	7,874,062	7,718,089	8,841,894	8,641,572
New York, Ontario & Western	2,864,096	2,772,547	2,088,577	1,945,030	2,010,724	2,033,388
Delaware, Susquehanna & Schuylkill [1]	1,605,378	(1)	(1)	(1)	(1)	(1)
Lehigh & New England	.....	.....	1,761,714	2,653,964	3,949,172	3,812,753
Total	61,410,201	64,905,786	67,883,776	67,926,708	78,521,859	77,104,544
Deductions [2]	.....	.....	.....	550,344	1,388,554	354,625
Total, 10 roads	61,410,201	64,905,786	67,883,776	67,376,364	77,133,305	76,749,919

[1] Now included in Lehigh Valley.
[2] Reported by both the C. R. R. of New Jersey and the L. & N. E. R. R.

No. 250.—MOVEMENTS OF COAL AND COKE OVER SPECIFIED RAILROADS: CALENDAR YEARS 1914 TO 1918.

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

BITUMINOUS COAL.

Railroad.	1914	1915	1916	1917	1918
	Short tons.	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*
Baltimore & Ohio [1]	32,554,359	35,930,206	35,354,489	38,158,222	48,873,089
Buffalo, Rochester & Pittsburgh [1, 2]	8,059,756	8,511,316	9,450,671	10,258,424	11,658,598
Buffalo & Susquehanna [1, 2]	1,190,181	1,277,438	1,517,784	1,598,075	1,855,405
Chesapeake & Ohio [1]	20,663,520	24,038,298	26,731,383	25,715,776	27,232,031
Erie	[3] 75,818	[1, 2] 10,357,805	8,686,186	8,292,210	11,167,119
Huntingdon & Broad Top Mountain [1, 2]	1,036,658	1,111,652	1,205,077	1,509,421	1,402,002
New York Central & Hudson River [3]	8,120,210	9,406,850	7,713,118	8,543,162	8,389,149
Norfolk & Western [1, 2]	25,471,969	29,728,206	30,749,390	28,571,966	29,213,188
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	47,769,227	49,584,802	48,167,136	50,557,468	62,221,555
Pittsburgh & Lake Erie [1, 2]	10,703,478	11,046,893	11,528,401	11,768,671	14,872,432
Pittsburg & Shawmut	.....	.....	.....	2,689,647	2,557,835
Pittsburg, Shawmut & Northern [1, 2]	2,359,807	2,646,819	2,789,752	2,689,223	1,101,974
Southern [3]	3,904,503	3,446,042	[1] 9,142,134	[1] 11,067,472	[1] 12,790,446
Virginian [1, 2]	3,954,310	4,128,940	5,509,155	6,398,836	6,716,944
Western Maryland	3,069,708	6,807,474	8,654,099	9,314,395	11,623,210
Total, 15 roads	168,933,504	198,022,741	207,148,775	217,132,968	251,674,977

COKE.

Baltimore & Ohio [1]	3,202,381	3,792,125	4,345,521	3,471,003	3,117,754
Buffalo, Rochester & Pittsburgh [1, 2]	302,996	483,601	537,129	449,586	534,093
Buffalo & Susquehanna [1, 2]	447,354	579,944	454,127	404,527	375,806
Chesapeake & Ohio [1]	298,632	303,984	550,163	501,340	542,661
Erie	.....	[1] 1,099,213	1,126,656	679,627	696,925
Huntingdon & Broad Top Mountain	[4] 9,635	[4] 53,489	71,839	75,923	67,090
Norfolk & Western [1, 2]	1,018,611	990,296	2,048,314	2,548,080	2,366,847
Pennsylvania (east of Pittsburgh and Erie) [1, 3]	9,548,354	12,020,472	14,257,911	12,014,851	11,373,462
Pittsburgh & Lake Erie [1, 2]	4,839,185	6,198,316	7,764,578	7,417,319	8,022,731
Pittsburg, Shawmut & Northern [1, 2]	.....	25	70	19	.....
Virginian	84	.....	56	759	404
Western Maryland	59,646	[1] 281,441	242,518	193,039	439,576
Total, 12 roads	19,726,878	25,802,906	31,398,882	27,756,673	27,537,349

[1] Includes amounts from connecting lines.
[2] Includes company coal.
[3] Does not include company coal hauled free.
[4] Six months, July to December.

No. 251.—SAULT STE. MARIE CANALS: Analysis of Traffic Statistics, Seasons 1895 to 1918.

[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.*
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	36,666,889	537,463,454	88,392,000	6,140,500	5.0
1907	58,217,214	52,937,151	91	828.3	48,221,465,547	.80	38,457,345	569,830,188	102,525,500	7,918,000	5.0
1908	41,390,557	38,144,570	92	842.0	34,853,548,177	.69	23,903,244	470,141,318	101,643,000	10,054,000	7.0
1909	57,895,149	53,649,833	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	60,242,833,004	.67	40,578,225	791,357,837	125,618,800	12,927,500	6.0
1913	79,718,344	75,173,822	94	820.0	65,330,716,791	.68	44,380,864	865,957,838	127,125,500	15,295,700	6.0
1914	55,369,934	52,063,466	94	832.8	46,112,251,781	.60	27,597,099	634,800,268	117,211,000	17,420,700	9.0
1915	71,290,304	67,098,814	94	832.0	59,316,744,083	.71	41,984,031	882,263,141	123,472,700	15,936,700	6.0
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
1917	89,813,898	85,566,016	95	820.0	73,634,549,794	1.21	89,277,226	1,196,922,183	229,538,875	18,247,475	6.0
1918	85,680,327	81,847,161	96	818.2	70,107,617,229	1.19	83,507,638	987,005,347	223,757,625	17,583,550	6.0