INTERNAL COMMUNICATION AND TRANSPORTATION.

No. 155.—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 1910.

[From the annual reports of the Postmaster General.]

Year ended June 30—	Post offices.	Extent of post routes.	Revenue of the Department.	Expended for transportation of—		Total expenditure of the Department.
				Domestic mail.	Foreign mail.	
	Number.	*Miles.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1879	40,588	316,711	30,041,983	18,953,219	200,026	33,449,899
1880	42,989	343,888	33,315,479	20,857,802	199,809	36,542,804
1881	44,512	344,006	36,785,398	22,812,429	240,067	39,592,566
1882	46,231	343,618	41,876,410	22,460,473	280,501	40,482,021
1883	46,820	353,166	45,508,693	23,874,394	316,358	43,282,944
1884	48,434	359,530	43,325,959	25,014,478	332,221	47,224,560
1885	51,252	365,251	42,560,844	27,035,543	331,903	50,046,235
1886	53,614	368,660	43,948,423	27,614,540	391,856	51,004,744
1887	55,157	373,142	48,837,609	27,892,646	402,523	53,006,194
1888	57,376	403,977	52,695,177	29,347,959	547,395	56,468,315
1889	58,999	416,159	56,175,611	32,361,697	541,212	62,317,119
1890	62,401	427,990	60,882,098	34,116,243	563,631	66,259,548
1891	64,329	439,027	65,931,786	37,547,405	620,987	73,059,519
1892	67,119	447,591	70,930,476	39,082,919	774,016	76,980,846
1893	68,403	453,833	75,896,933	41,179,555	1,097,867	81,581,681
1894	69,805	454,746	75,080,479	45,375,359	1,239,363	84,994,112
1895	70,064	456,026	76,983,128	46,336,326	1,173,561	87,179,551
1896	70,360	463,313	82,499,208	47,993,067	1,530,864	90,932,670
1897	71,022	470,032	82,665,463	48,028,094	1,890,099	94,077,242
1898	73,570	480,461	89,012,619	50,444,291	1,760,091	98,033,524
1899	75,000	496,949	95,021,384	52,027,901	1,769,851	101,632,161
1900	76,688	500,990	102,354,579	54,135,930	2,100,266	107,740,268
1901	76,945	511,808	111,631,193	56,002,576	2,148,635	115,554,921
1902	75,924	507,540	121,848,047	58,589,968	2,410,473	124,785,697
1903	74,169	506,268	134,224,443	62,606,015	2,580,700	138,784,488
1904	71,131	496,818	143,582,624	67,027,776	2,697,077	152,362,117
1905	68,131	486,805	152,826,485	69,927,689	2,828,703	167,399,169
1906	65,600	478,711	167,932,782	72,944,352	2,895,756	178,449,779
1907	62,659	463,406	183,585,006	77,471,917	2,988,849	190,238,288
1908	61,158	450,738	191,478,663	78,174,988	2,982,732	208,351,886
1909	60,144	448,618	203,562,383	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

No. 156.—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 1910.

[From the 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	142,541,892	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	179,884	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	187,180	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	13,804,994
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	.....	220,730	426,923,109	49,302,217	.1154	16,795	19,420,349

[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] Excludes mileage of switching and terminal companies not previously segregated.

No. 157.—WESTERN UNION TELEGRAPH COMPANY: MILEAGE OF LINES AND WIRES, NUMBER OF OFFICES, AND TRAFFIC, 1866 TO 1910.

[From 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.*
1866....	37,380	75,686	2,250	.....	.....	.....	.....	.....	.....
1867....	46,270	85,291	2,565	5,879,282	6,568,925	3,944,006	2,624,920	.....	.....
1868....	50,183	97,594	3,219	6,404,595	7,004,560	4,362,849	2,641,711	104.7	63.4
1869....	52,099	104,584	3,607	7,934,933	7,316,918	4,568,117	2,748,801	89.3	54.2
1870....	54,109	112,191	3,972	9,157,646	7,138,738	4,910,772	2,227,966	75.5	51.2
1871....	56,032	121,151	4,606	10,646,077	7,637,449	5,104,787	2,532,662	69.5	45.7
1872....	62,033	137,190	5,237	12,444,499	8,457,096	5,666,863	2,790,233	66.2	43.8
1873....	65,757	154,472	5,740	14,456,832	9,333,019	6,575,056	2,757,963	62.5	43.4
1874....	71,585	175,735	6,188	16,329,256	9,262,654	6,755,734	2,506,920	54.9	39.5
1875....	72,833	179,496	6,565	17,153,710	9,564,575	6,335,415	3,229,158	54.0	35.2
1876....	73,532	183,832	7,072	18,729,567	10,034,984	6,635,474	3,399,510	50.9	33.5
1877....	76,955	194,323	7,500	21,158,941	9,812,353	6,672,225	3,140,128	43.6	29.8
1878....	81,002	206,202	8,014	23,918,894	9,861,355	6,309,813	3,551,543	38.9	25.0
1879....	82,987	211,566	8,534	25,070,106	10,960,640	6,160,200	4,800,440	38.6	25.2
1880....	85,645	233,534	9,077	29,215,509	12,782,895	6,948,957	5,833,938	38.5	25.4
1881....	110,340	327,171	10,737	32,500,000	14,393,544	8,485,264	5,908,280	38.4	25.6
1882....	131,060	374,368	12,068	38,842,247	17,114,166	9,996,096	7,118,070	38.2	25.8
1883....	144,294	432,726	12,917	41,181,177	19,454,903	11,794,553	7,660,350	38.0	26.0
1884....	145,037	450,571	13,761	42,076,226	19,632,940	13,022,504	6,610,436	36.5	25.2
1885....	147,500	462,283	14,184	42,096,583	17,706,834	12,005,910	5,700,924	32.1	24.9
1886....	151,832	489,607	15,142	43,289,807	16,298,639	12,378,783	3,919,855	31.3	23.4
1887....	156,814	524,641	15,658	47,394,530	17,191,910	13,154,629	4,037,281	30.4	23.0
1888....	171,375	616,248	17,241	51,463,955	19,711,164	14,640,592	5,070,572	31.2	23.2
1889....	178,754	647,697	18,470	54,108,326	20,783,194	14,565,153	6,218,041	31.2	22.4
1890....	183,917	678,997	19,382	55,878,762	22,387,029	15,074,304	7,312,725	32.4	22.7
1891....	187,981	715,591	20,098	59,148,343	23,034,327	16,428,742	6,605,585	32.5	23.2
1892....	189,576	739,105	20,700	62,387,298	23,706,405	16,307,857	7,398,548	31.6	22.3
1893....	189,936	769,201	21,078	66,591,858	24,978,443	17,482,406	7,496,037	31.2	22.7
1894....	190,303	790,792	21,166	58,632,237	21,852,655	16,060,170	5,792,485	30.5	23.3
1895....	189,714	802,651	21,360	58,307,315	22,218,019	16,076,630	6,141,389	30.7	23.3
1896....	189,918	826,929	21,725	58,760,444	22,612,736	16,714,756	5,897,980	30.9	24.0
1897....	190,614	841,002	21,769	58,151,684	22,638,859	16,906,656	5,732,203	30.5	24.3
1898....	189,847	874,420	22,210	62,173,749	23,915,733	17,825,582	6,090,151	30.1	24.7
1899....	189,856	904,633	22,285	61,398,157	23,954,312	18,085,579	5,868,733	30.8	25.1
1900....	192,705	933,153	22,900	63,167,783	24,758,570	18,593,206	6,165,364	30.8	25.1
1901....	193,589	972,766	23,238	65,657,049	26,354,151	19,668,903	6,685,248	30.9	25.1
1902....	196,115	1,029,984	23,567	69,374,883	28,078,095	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] 67,477,220	29,033,635	21,845,570	7,188,065	31.6	27.3
1906....	202,959	1,256,147	24,323	[1] 71,487,082	30,675,655	23,605,072	7,070,583	31.6	27.6
1907....	205,646	1,321,199	24,760	[1] 74,804,551	32,856,406	26,532,196	6,324,210	33.7	30.2
1908....	208,477	1,359,430	23,853	[1] 62,371,287	28,582,212	25,179,215	3,402,997	33.7	34.3
1909....	211,513	1,382,500	24,321	[1] 68,053,439	30,541,073	23,193,966	7,347,107	34.1	28.5
1910....	214,360	1,429,049	24,825	[1] 75,135,405	33,889,202	26,614,302	7,274,900	35.2	30.2

[1] Not including messages sent over leased wires or under railroad contracts.

No. 158.—AMERICAN TELEPHONE AND TELEGRAPH CO. AND OPERATING COMPANIES ASSOCIATED WITH IT: STATISTICS, JANUARY 1, 1905 TO 1910.

[Figures furnished by the American Telephone and Telegraph Co.]

	1905	1906	1907	1908	1909	1910
OPERATING COMPANIES.						
Exchanges / Branch offices	4,080	4,532	4,889	5,108	5,048	4,968
Miles of wire:						
On poles / On buildings	[1]1,654,379	2,159,567	2,754,571	3,057,138	3,467,092	3,645,879
Underground	1,888,760	2,345,742	3,241,471	3,883,051	4,625,047	5,021,510
Submarine	6,671	9,373	11,690	6,322	6,540	8,085
Total miles of exchange service wire	3,549,810	4,514,682	6,007,732	6,946,511	8,098,679	8,675,474
Total circuits	930,251	1,135,449	1,384,175	1,541,727	1,668,211	1,829,942
Total employees	67,756	89,661	104,646	100,884	98,533	104,956
Total subscribers	1,799,633	2,241,367	2,727,289	3,035,533	3,215,245	3,588,247
Length of wire operated..miles	4,671,038	5,779,918	7,468,905	8,610,592	9,830,718	10,480,026
Instruments in hands of licensees under rental at beginning of year.....number	4,480,564	5,698,258	7,107,836	7,544,105	7,647,023	8,338,648
Daily exchange connections .....number	11,149,063	13,543,468	16,478,058	18,130,803	18,499,376	19,925,194
Average daily calls per subscriber .....number	6.2	6.0	6.0	6.0	6.0	5.6
AMERICAN TELEPHONE AND TELEGRAPH CO.						
Dividends paid stockholders .....dollars	9,799,118	9,866,355	10,195,234	10,943,644	12,459,156	17,036,276
Capital.....do	158,661,800	158,661,800	158,661,800	179,595,255	180,587,000	256,475,800
Gross earnings.....do	18,546,659	21,712,831	24,526,097	25,609,671	27,898,970	32,761,311
Net earnings[2].....do	11,275,702	13,034,038	12,970,937	16,269,388	18,121,707	23,095,389

[1] Information not collected separately. [2] After deducting interest.

No. 159.—PUBLIC ROADS: MILEAGE AND EXPENDITURES UNDER SPECIFIED HEADS, CALENDAR YEAR 1904, BY STATES AND TERRITORIES.

[From report of the Department of Agriculture.]

State or Territory.	Total mileage of all public roads.	Miles of road per square mile of area.	Population per mile of road.	Percentage of all roads improved.	Expenditures.		
					Total.	Per mile of public road.	Per inhabitant.
					Dollars.	*Dollars.*	*Dollars.*
Alabama	50,089	0.97	36	3.43	1,576,434.27	31.47	0.86
Arizona	5,987	.05	20	3.62	109,309.43	18.25	.89
Arkansas	36,445	.67	36	.54	1,395,342.30	38.28	1.06
California	46,653	.29	31	18.87	2,157,396.36	46.24	1.45
Colorado	30,214	.30	17	.58	707,223.63	23.40	1.31
Connecticut	14,088	2.90	64	16.75	1,195,125.01	84.83	1.32
Delaware	3,000	1.53	61	2.20	90,802.88	30.26	.49
District of Columbia	191	3.18	1,459	68.58	[1] 176,000.00	921.46	.63
Florida	17,374	.34	30	5.09	577,577.10	33.24	1.09
Georgia	57,203	.96	38	2.85	2,080,872.33	36.37	.93
Idaho	18,163	.20	9	1.16	311,588.00	17.15	1.92
Illinois	94,141	1.60	51	3.41	4,210,950.23	44.73	.87
Indiana	68,306	1.90	36	34.94	4,335,108.00	63.46	1.72
Iowa	102,448	1.84	21	1.02	3,106,607.50	30.32	1.39
Kansas	101,196	1.20	14	1.26	1,232,817.45	12.18	.83
Kentucky	57,137	1.40	37	16.60	2,148,689.03	37.60	1.00
Louisiana	24,897	.54	55	.13	951,872.86	38.23	.68
Maine	25,528	.85	27	9.10	1,472,393.70	57.67	2.12
Maryland	16,773	1.70	70	9.36	873,470.50	52.07	.78
Massachusetts	17,092	2.12	164	45.89	2,871,222.47	167.98	1.02
Michigan	69,296	1.20	35	10.13	3,179,787.88	45.88	1.31
Minnesota	79,324	1.00	22	7.87	1,961,629.24	24.72	1.12
Mississippi	38,698	.83	40	.38	1,675,485.45	43.29	1.08
Missouri	108,133	1.50	28	2.52	2,368,972.79	21.90	.76
Montana	22,419	.15	10	.28	404,097.81	18.02	1.66
Nebraska	79,462	1.00	13	.02	878,547.40	11.05	.82
Nevada	12,585	.11	3	.50	46,875.85	3.72	1.10
New Hampshire	15,116	1.67	27	8.55	872,606.35	57.72	2.12
New Jersey	14,842	1.97	127	16.32	3,274,811.25	220.64	1.73
New Mexico	15,326	.12	12	.01	165,651.56	10.80	.84
New York	73,798	1.54	98	7.96	5,692,514.82	77.05	.79
North Carolina	49,763	1.00	38	2.52	1,358,687.23	27.30	.71
North Dakota	59,332	.84	5	.35	550,340.72	9.28	1.72
Ohio	69,439	1.79	59	33.78	5,706,083.61	82.17	1.37
Oklahoma	43,554	1.10	9	.....	774,775.59	17.79	1.94
Oregon	34,258	.36	12	7.55	796,375.97	23.24	1.92
Pennsylvania	99,777	2.21	63	2.10	4,887,265.68	48.98	.77
Rhode Island	2,361	2.24	181	43.26	376,812.16	171.44	.94
South Carolina	41,830	1.30	32	4.48	745,701.50	17.82	.55
South Dakota	59,295	.70	7	.25	383,283.07	6.46	.95
Tennessee	48,989	1.17	41	8.74	1,621,777.15	33.10	.80
Texas	121,409	.46	25	1.75	4,133,157.49	34.03	1.35
Utah	7,090	.08	39	8.57	218,675.78	30.84	.79
Vermont	14,521	1.58	23	13.45	567,397.33	39.07	1.65
Virginia	51,812	1.29	35	3.03	687,751.06	13.27	.37
Washington	31,998	.48	16	6.17	1,436,070.19	44.88	2.77
West Virginia	26,178	1.06	36	.97	893,285.28	34.12	.93
Wisconsin	63,593	1.17	33	16.72	2,181,262.38	34.30	1.05
Wyoming	10,447	.10	8	1.46	345,931.73	9.45	1.04
Total	2,151,570	.73	35	7.14	79,771,417.87	37.07	1.05

[1] One-half the cost of road construction and repair in the District of Columbia is paid from Congressional appropriation, the other half by the District out of the general revenues from taxation of property.

No. 160.—RAILROADS: MILES OF LINE[1] IN SPECIFIED YEARS, 1860 TO 1909, AND PER 100 SQUARE MILES AND PER 10,000 INHABITANTS IN 1909, BY STATES AND TERRITORIES.[2]

State or Territory.	Mileage.								Miles of line, 1909, per—	
	1860	1870	1880	1890	1900	1907	1908[3]	1909[3]	100 sq. m. of territory.	10,000 inhabitants.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*		
Ala	743	1,157	1,843	3,313.87	4,225.84	5,037.62	5,127.83	5,165.24	10.02	24.47
Ark	38	256	859	2,195.81	3,359.86	4,883.35	5,070.33	5,236.52	9.87	34.59
Cal	23	925	2,195	4,356.11	5,751.04	6,835.60	7,222.31	7,528.80	4.83	43.92
Colo	.....	157	1,570	4,176.19	4,587.25	5,295.43	5,360.31	5,454.43	5.26	87.58
Conn	601	742	923	1,007.29	1,023.62	1,015.61	1,010.80	1,004.74	20.74	9.58
Del	127	197	275	322.69	346.72	335.98	336.99	336.64	17.18	15.82
Fla	402	446	518	2,470.89	3,299.06	4,010.82	4,217.05	4,254.05	7.84	69.69
Ga	1,420	1,845	2,459	4,532.57	5,651.72	6,868.83	6,913.69	6,939.59	11.77	27.13
Idaho	.....	.....	206	941.44	1,261.23	1,763.70	1,946.26	2,134.30	2.53	114.54
Ill	2,790	4,823	7,851	10,213.97	11,002.93	12,206.03	11,891.26	11,850.91	21.16	21.30
Ind	2,163	3,177	4,373	5,971.03	6,470.61	7,268.82	7,399.13	7,382.55	20.56	25.42
Iowa	655	2,683	5,400	8,355.97	9,185.18	9,911.53	9,815.30	9,751.94	17.58	37.86
Kans	.....	1,501	3,400	8,806.45	8,719.36	8,941.04	8,948.59	8,952.59	10.96	52.78
Ky	534	1,017	1,530	2,746.25	3,059.99	3,484.14	3,458.60	3,467.43	8.67	13.99
La	335	450	652	1,758.94	2,824.08	4,737.90	5,420.29	5,456.26	12.01	34.22
Me	472	786	1,005	1,338.13	1,915.24	2,150.92	2,164.66	2,165.66	7.24	27.04
Md	386	671	1,040	1,231.34	1,376.16	1,468.82	1,423.07	1,445.21	14.66	10.54
Mass	1,264	1,480	1,915	2,093.73	2,118.58	2,126.95	2,118.72	2,116.10	26.32	6.54
Mich	779	1,638	3,938	7,242.67	8,195.18	8,976.29	9,011.40	9,058.85	15.77	32.42
Minn	.....	1,092	3,151	5,466.37	6,942.57	8,285.88	8,407.76	8,568.30	10.82	42.41
Miss	862	990	1,127	2,332.03	2,919.90	4,169.11	4,287.80	4,397.64	9.49	24.57
Mo	817	2,000	3,965	6,004.10	6,875.04	8,101.95	8,021.72	8,045.47	11.71	22.44
Mont	.....	.....	106	2,181.04	3,010.32	3,307.27	3,730.47	4,138.10	2.85	147.38
Nebr	.....	705	1,953	5,295.35	5,684.85	5,964.71	6,006.74	6,015.02	7.83	48.90
Nev	.....	593	739	924.87	909.35	1,699.68	1,884.01	2,138.23	1.95	433.23
N. H	661	736	1,015	1,145.03	1,239.20	1,248.30	1,244.95	1,248.86	13.87	26.30
N. J	560	1,125	1,684	2,046.76	2,256.69	2,302.06	2,262.87	2,255.79	29.98	10.38
N. Y	2,682	3,928	5,957	7,660.71	8,121.03	8,504.75	8,416.21	8,448.18	17.74	10.07
N. C	937	1,178	1,486	3,000.88	3,831.16	4,476.37	4,762.48	4,860.24	10.00	22.24
N. Dak	.....	[4]65	[4]1,225	1,940.64	2,731.22	3,905.57	4,178.29	4,200.30	5.98	114.05
Ohio	2,946	3,538	5,792	7,911.51	8,807.27	9,274.45	9,131.79	9,079.19	22.27	18.92
Okla	.....	.....	(5)	167.96	827.88	2,821.32	5,765.60	5,785.06	8.28	63.43
Oreg	.....	159	508	1,427.95	1,723.80	1,955.92	1,996.08	2,159.55	2.28	45.30
Pa	2,598	4,656	6,191	8,453.20	10,330.50	11,357.77	11,241.19	11,205.89	24.91	15.41
R. I	108	136	210	212.52	211.79	211.79	209.71	212.54	20.18	4.30
S. C	973	1,139	1,427	2,193.60	2,817.93	3,324.41	3,351.66	3,397.37	11.26	21.97
S. Dak	(6)	(6)	(6)	2,485.89	2,849.83	3,702.79	3,952.42	3,947.65	5.14	85.16
Tenn	1,253	1,492	1,843	2,751.87	3,136.95	3,760.77	3,688.99	3,761.03	9.01	16.13
Tex	307	711	3,244	8,613.42	9,386.49	12,987.81	13,247.40	13,520.64	5.15	38.43
Utah	.....	257	842	1,090.14	1,547.42	1,986.09	1,953.47	1,956.84	2.38	61.37
Vt	554	614	914	921.49	1,012.11	1,094.23	1,093.29	1,088.27	11.91	27.46
Va	1,379	1,486	1,893	3,160.40	3,779.15	4,186.80	4,230.22	4,486.64	11.13	20.97
Wash	.....	.....	289	1,783.37	2,913.57	3,806.62	4,207.64	4,650.63	6.95	77.81
W. Va	352	387	691	1,327.93	2,228.05	3,355.44	3,415.69	3,502.40	14.21	31.66
Wis	905	1,525	3,155	5,583.59	6,530.52	7,626.89	7,566.24	7,444.83	13.67	31.19
Wyo	.....	459	512	941.88	1,228.63	1,525.59	1,588.81	1,618.41	1.66	151.86
Alaska	.....	.....	.....	.....	21.80	145.89	185.39	.....	.....	.....
Ariz	.....	.....	349	1,096.64	1,511.89	1,930.98	1,929.27	1,994.36	1.77	140.79
D. C	(7)	(7)	(7)	30.24	31.75	32.12	31.43	35.27	58.78	1.10
Ind. T	.....	.....	289	1,046.20	1,322.75	2,757.35	.....	.....	.....	.....
N. Mex	.....	.....	758	1,324.33	1,752.52	2,967.02	3,016.92	3,003.96	2.45	133.08
Total	30,626	52,922	93,267	163,597.05	193,367.58	230,097.08	233,863.10	236,868.53	[8]7.98	[9]27.01

[1] For additional trackage, see Table 162.
[2] The data for calendar years 1860, 1870, and 1880, from Poor's Manual of Railroads, represent mileage operated; the data for fiscal years ended June 30, 1890, 1900, 1907, 1908, and 1909, from the statistical reports of the Interstate Commerce Commission, represent mileage owned.
[3] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.
[4] Figures for Dakota.
[5] Included in returns for Indian Territory.
[6] See North Dakota.
[7] Included in returns for Maryland.
[8] On basis of 2,970,038 square miles, which covers "land surface" only and excludes Alaska and Hawaii.
[9] On basis of 87,694,575 population for 1909, which is reached by adding to the population of the United States in 1900, 75,994,575 (which excludes Alaska, Hawaii, and persons in the military and naval service stationed abroad), an estimated annual increase of 1,300,000 for each successive year.

No. 161.—RAILROADS: Operated Mileage and Annual Increase of Mileage, 1832 to 1909.[1]

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.
1832	229	134	1858	26,968	2,465	1884	125,345	3,923
1833	380	151	1859	28,789	1,821	1885	128,320	2,975
1834	633	253	1860	30,626	1,837	1886	136,338	8,018
1835	1,093	465	1861	31,286	660	1887	149,214	12,876
1836	1,273	175	1862	32,120	834	1888	156,114	6,900
1837	1,497	224	1863	33,170	1,050	1889	161,276	5,162
1838	1,913	416	1864	33,908	738	1890	167,191	(2)
1839	2,302	389	1865	35,085	1,177	1891	172,035	4,844
1840	2,818	516	1866	36,801	1,716	1892	175,691	3,656
1841	3,535	717	1867	39,250	2,249	1893	179,834	4,143
1842	4,026	491	1868	42,229	2,979	1894	182,733	2,899
1843	4,185	159	1869	46,844	4,615	1895	184,628	1,895
1844	4,377	192	1870	52,922	6,078	1896	186,681	2,053
1845	4,633	256	1871	60,301	7,379	1897	188,844	2,163
1846	4,930	297	1872	66,171	5,870	1898	190,870	2,026
1847	5,598	668	1873	70,268	4,097	1899	194,336	3,466
1848	5,996	398	1874	72,385	2,117	1900	198,964	4,628
1849	7,365	1,369	1875	74,096	1,711	1901	202,288	3,324
1850	9,021	1,656	1876	76,808	2,712	1902	207,253	4,965
1851	10,982	1,961	1877	79,082	2,274	1903	213,422	6,169
1852	12,908	1,926	1878	81,747	2,665	1904	220,112	6,690
1853	15,360	2,452	1879	86,556	4,809	1905	225,196	5,084
1854	16,720	1,360	1880	93,262	6,711	1906	230,761	5,565
1855	18,374	1,654	1881	103,108	9,846	1907	236,949	6,188
1856	22,016	3,642	1882	114,677	11,569	1908[3]	240,846	.....
1857	24,503	2,487	1883	121,422	6,745	1909[3]	244,084	3,238

[1] Data for the years 1832 to 1889, from Poor's Manual of Railroads, cover calendar years; data for the years 1890 to 1909, from the statistical reports of the Interstate Commerce Commission, cover years ended June 30. No mileage included for Alaska or Hawaii. The term "mileage" signifies single-track mileage. For additional trackage, see following table.
[2] See preceding footnote.
[3] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

No. 162.—RAILROADS: Length of Single, Second, Third, and Fourth Tracks and Yard Track and Sidings, and Total Mileage Operated, 1890 to 1909.[1]

[From the 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.*
1890	156,404.06	8,437.65	760.88	561.81	33,711.38	199,875.78
1891	161,275.17	8,865.71	813.13	749.51	35,742.14	207,445.66
1892	162,397.30	9,367.21	852.70	626.47	37,807.55	211,051.23
1893	169,779.84	10,051.36	912.98	668.46	40,451.26	221,863.90
1894	175,690.96	10,499.30	958.16	710.99	41,941.37	229,795.78
1895	177,746.25	10,639.96	975.25	733.12	43,181.32	233,275.90
1896	181,982.64	10,685.16	990.45	764.15	44,717.73	239,140.13
1897	183,284.25	11,018.47	995.79	780.48	45,934.46	242,013.45
1898	184,648.26	11,293.25	1,009.65	793.57	47,589.09	245,333.82
1899	187,534.63	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

[1] Represents mileage covered by operating returns. (See Tables *175* and *176*.)
[2] Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

No. 163.—RAILROAD LOCOMOTIVES: NUMBER IN SERVICE ON JUNE 30, 1894 TO 1909, BY CLASSES OF SERVICE.

[From the statistical reports of the Interstate Commerce Commission.]

Year.	Service.				
	Passenger.	Freight.	Switching.	Unclassified.	Total.
1894	9,893	20,000	5,086	513	35,492
1895	9,999	20,012	5,100	588	35,699
1896	9,943	20,351	5,161	495	35,950
1897	10,017	20,398	5,102	469	35,986
1898	9,956	20,627	5,234	417	36,234
1899	9,894	20,728	5,480	601	36,703
1900	9,863	21,596	5,621	583	37,663
1901	10,184	22,839	5,959	602	39,584
1902	10,318	23,594	6,683	630	41,225
1903	10,570	25,444	7,058	799	43,871
1904	11,252	27,029	7,610	852	46,743
1905	11,618	27,869	7,923	947	48,357
1906	12,249	29,848	8,485	1,090	51,672
1907	12,814	32,079	9,258	1,237	55,388
1908[1]	13,185	33,655	8,783	1,110	56,733
1909[1]	13,317	33,935	8,837	1,123	57,212

[1] Excludes locomotives in the service of switching and terminal companies.

No. 164.—RAILROAD LOCOMOTIVES: NUMBER AND AVERAGE TRACTIVE POWER, GRATE AND HEATING SURFACE, AND WEIGHT OF EACH TYPE, 1903 TO 1909.[1]

[From the 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.*
1903	Single expansion	40,443	21,156	27	1,590	57	46
	4-cylinder compound	1,953	30,551	50	2,702	99	70
	2-cylinder compound	849	31,379	37	2,551	82	68
1904	Single expansion	43,246	22,206	29	1,681	60	49
	4-cylinder compound	1,968	31,896	48	2,843	93	73
	2-cylinder compound	932	31,335	37	2,549	83	69
1905	Single expansion	45,033	23,178	30	1,759	62	51
	4-cylinder compound	1,793	32,326	47	2,941	95	73
	2-cylinder compound	870	31,056	38	2,569	83	69
1906	Single expansion	48,300	24,307	31	1,862	66	54
	4-cylinder compound	1,767	33,168	47	3,070	98	75
	2-cylinder compound	887	31,561	38	2,596	84	70
1907	Single expansion	51,891	25,439	33	1,952	68	56
	4-cylinder compound	1,727	34,345	48	3,169	101	76
	2-cylinder compound	945	31,335	39	2,578	83	70
1908	Single expansion	54,230	25,988	34	2,005	69	57
	4-cylinder compound	1,714	35,288	49	3,268	104	79
	2-cylinder compound	923	31,378	39	2,592	84	70
1909[2]	Single expansion	53,977	26,300	34	2,041	71	58
	4-cylinder compound	1,603	35,173	47	3,297	105	78
	2-cylinder compound	888	31,509	39	2,614	85	71

[1] Data for this table are lacking for some locomotives included in Table 163.
[2] Excludes locomotives in the service of switching and terminal companies.

No. 165.—RAILROAD LOCOMOTIVES AND CARS: NUMBER PER 1,000 MILES OF LINE, AND ASSIGNMENT TO AMOUNT OF TRAFFIC, 1895 TO 1909, BY CLASSES OF SERVICE.

[From the statistical reports of the Interstate Commerce Commission.]

I. NUMBER PER 1,000 MILES OF LINE.

Year ended June 30—	Locomotives.					Cars.			
	Passenger.	Freight.	Switching.	Unclassified.	Total.	Passenger.	Freight.	Company's service.	Total.
1895	56	113	29	3	201	186	6,729	233	7,148
1896	54	112	28	3	197	181	6,715	235	7,131
1897	54	111	28	3	196	183	6,666	230	7,079
1898	54	112	28	2	196	182	6,763	237	7,182
1899	53	111	29	3	196	181	6,908	248	7,337
1900	51	112	29	3	195	180	7,092	263	7,535
1901	52	117	30	3	202	184	7,488	258	7,930
1902	52	118	33	3	206	185	7,725	285	8,195
1903	52	124	34	4	214	186	8,055	299	8,540
1904	53	127	36	4	220	187	7,973	314	8,474
1905	54	128	37	4	223	188	7,980	326	8,494
1906	55	134	38	5	232	190	8,266	354	8,810
1907	56	141	41	5	243	193	8,756	401	9,350
1908[1]	57	146	38	5	246	196	9,064	420	9,680
1909[1]	57	144	37	5	243	193	8,809	421	9,423

II. ASSIGNMENT TO AMOUNT OF TRAFFIC.

Year ended June 30—	Passengers carried per passenger locomotive.	Passenger miles per passenger locomotive.	Tons carried per freight locomotive.	Ton-miles per freight locomotive.	Passenger cars per million passengers carried.	Freight cars per million tons of freight carried.
1895	50,747	1,218,967	34,310	4,258,821	65	1,742
1896	51,471	1,312,381	37,036	4,684,210	64	1,621
1897	48,861	1,223,614	35,734	4,664,135	69	1,676
1898	50,328	1,343,906	41,869	5,530,498	67	1,446
1899	52,878	1,474,765	45,529	5,966,193	65	1,373
1900	58,484	1,626,179	50,101	6,556,731	60	1,262
1901	59,631	1,704,005	47,692	6,439,736	59	1,344
1902	62,985	1,908,310	50,874	6,666,499	57	1,288
1903	65,742	1,978,786	51,265	6,807,942	55	1,208
1904	63,582	1,948,384	48,403	6,456,846	56	1,292
1905	63,594	2,048,558	51,230	6,690,700	55	1,213
1906	65,144	2,054,636	54,656	7,232,503	53	1,127
1907	68,199	2,163,146	55,997	7,375,585	50	1,109
1908[1]	67,502	2,205,752	45,550	6,488,829	51	1,363
1909[1]	66,942	2,185,877	45,869	6,447,708	51	1,332

[1] Excludes equipment in the service of switching and terminal companies.

No. 166.—RAILROAD CARS: NUMBER IN SERVICE ON JUNE 30, 1894 TO 1909, BY CLASSES OF SERVICE.

[From the statistical reports of the Interstate Commerce Commission.]

Year.	Service.				Fast freight line service.
	Passenger.	Freight.	Company.	Total.	
1894	33,018	1,205,169	39,891	1,278,078	44,212
1895	33,112	1,196,119	41,330	1,270,561	49,472
1896	33,003	1,221,887	42,759	1,297,649	44,701
1897	33,626	1,221,730	42,124	1,297,480	46,169
1898	33,595	1,248,826	43,753	1,326,174	44,653
1899	33,850	1,295,510	46,556	1,375,916	45,117
1900	34,713	1,365,531	50,594	1,450,838	42,771
1901	35,969	1,464,328	50,536	1,550,833	41,942
1902	36,987	1,546,101	57,097	1,640,185	43,142
1903	38,140	1,653,782	61,467	1,753,389	34,579
1904	39,752	1,692,194	66,615	1,798,561	37,937
1905	40,713	1,731,409	70,749	1,842,871	33,857
1906	42,262	1,837,914	78,736	1,958,912	32,168
1907	43,973	1,991,557	91,064	2,126,594	32,092
1908[1]	45,117	2,089,302	96,762	2,231,181	30,907
1909[1]	45,584	2,073,606	99,090	2,218,280	29,856

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

No. 167.—RAILROAD FREIGHT CARS: NUMBER AND AVERAGE CAPACITY OF EACH CLASS, YEARS ENDED JUNE 30, 1902 TO 1909.[1]

[From the statistical reports of the Interstate Commerce Commission.]

Class of car.	1902		1903		1904		1905		1906		1907		1908		1909[2]	
	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	708,861	27	765,820	28	780,445	28	802,964	29	843,118	30	904,821	31	950,209	32	941,533	32
Flat	142,303	26	154,074	27	147,226	28	146,050	28	146,908	29	156,860	31	159,749	32	154,630	32
Stock	57,668	25	61,790	25	64,270	26	62,988	26	64,202	27	69,997	29	76,219	29	73,494	29
Coal	534,448	31	595,963	33	622,568	33	632,171	34	686,717	36	746,670	38	805,185	40	792,291	40
Tank	3,533	30	4,421	35	4,520	35	4,918	37	5,324	37	5,972	37	6,888	38	6,630	38
Refrigerator	18,222	26	21,454	27	22,735	27	26,844	28	31,782	29	33,617	29	27,930	30	28,204	30
Other	40,957	27	47,093	29	46,577	30	51,685	31	55,584	32	68,080	34	70,054	36	74,556	36
Total	1,505,992	28	1,650,615	29	1,688,341	30	1,727,620	31	1,833,635	32	1,986,017	34	2,096,234	35	2,071,338	35

[1] Data for this table are lacking for some locomotives included in Table 166.

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

No. 168.—EMPLOYEES OF RAILROADS: NUMBER IN SERVICE ON JUNE 30, 1894 TO 1909, BY CLASSES.

[From the statistical reports of the Interstate Commerce Commission.]

Class.	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908[1]	1909[1]
General officers	5,257	5,407	5,372	4,890	4,956	4,832	4,916	4,780	4,816	4,842	5,165	5,536	6,090	6,407	5,076	5,492
Other officers	1,778	2,534	2,718	3,830	3,925	4,294	4,669	4,923	5,039	5,201	5,375	5,706	6,705	7,549	7,751	8,022
General office clerks	24,779	26,583	26,328	26,837	26,845	29,371	32,265	34,778	37,570	42,218	46,037	51,284	57,210	65,700	63,973	69,959
Station agents	28,199	29,014	29,723	30,049	30,699	30,787	31,610	32,294	33,478	34,892	34,918	35,245	34,940	35,649	35,740	36,519
Other station men	71,150	73,569	75,919	74,569	78,603	83,910	89,851	94,847	105,433	120,724	120,002	125,180	138,778	152,929	132,013	136,733
Enginemen	35,466	34,718	35,851	35,667	37,939	39,970	42,837	45,292	48,318	52,993	52,451	54,817	59,855	65,298	57,668	57,077
Firemen	36,327	35,516	36,762	36,735	38,925	41,152	44,130	47,166	50,651	56,041	55,004	57,892	62,678	69,384	61,215	60,349
Conductors	24,823	24,776	25,457	25,322	26,876	28,232	29,957	32,092	35,070	39,741	39,645	41,061	43,936	48,869	43,322	43,608
Other trainmen	63,417	62,721	64,806	63,673	66,968	69,497	74,274	84,493	91,353	104,885	106,734	111,405	119,087	134,257	114,580	114,760
Machinists	29,245	27,740	29,272	28,229	28,832	30,377	32,831	34,698	39,145	44,819	46,272	47,018	51,253	55,244	44,941	48,237
Carpenters	36,328	35,564	38,846	37,740	40,374	42,501	46,666	48,946	51,698	56,407	53,646	56,089	63,830	70,394	58,946	60,867
Other shopmen	84,359	88,661	95,613	91,415	99,717	103,937	114,773	120,550	136,579	154,635	159,472	176,348	199,940	221,656	176,680	195,110
Section foremen	29,660	29,809	30,372	30,414	30,771	31,690	33,085	33,817	35,700	37,101	37,609	38,217	40,463	41,391	41,419	41,859
Other trackmen	150,711	155,146	169,664	171,752	184,494	201,708	226,799	239,166	281,075	300,714	289,044	311,185	343,791	367,277	299,448	320,762
Switch tenders, crossing tenders, and watchmen	43,219	43,158	44,266	43,768	47,124	48,686	50,789	47,576	50,489	49,961	46,262	45,532	49,659	53,414	46,221	44,698
Telegraph operators and dispatchers	22,145	20,984	21,682	21,452	22,488	23,944	25,218	26,606	28,244	30,984	30,425	31,963	36,090	39,193	39,744	39,115
Employees—account floating equipment	7,469	5,779	5,502	6,409	6,349	6,775	7,597	7,423	7,426	7,949	7,495	8,753	8,314	9,139	8,028	8,758
All other employees and laborers	85,276	83,355	88,467	90,725	98,673	107,261	125,386	131,722	147,201	168,430	160,565	178,965	198,736	228,324	199,510	210,898
Total	779,608	785,034	826,620	823,476	874,558	928,924	1,017,653	1,071,169	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] Excludes employees of switching and terminal companies.

No. 169.—EMPLOYEES OF RAILROADS: TOTAL YEARLY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1890 TO 1909, BY CLASSES.[1]

[From the statistical reports of the Interstate Commerce Commission.]

Class.	1890	1894	1896	1898	1900	1902	1904	1905	1906	1907	1908[2]	1909[2]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
General officers	13,584,924	12,792,793	12,497,957	12,632,224	13,157,420	13,090,284	14,475,126	15,155,278	15,911,369	17,231,606	16,213,474	16,574,587
Other officers	.....	3,322,089	5,301,119	6,870,275	8,141,500	9,491,146	10,816,880	11,599,169	12,870,203	15,012,226	16,689,833	17,241,799
General office clerks	16,901,342	19,077,963	19,037,816	19,859,404	23,127,228	26,853,600	34,735,708	37,445,570	41,227,916	48,340,123	51,867,978	52,516,034
Station agents	14,806,456	16,588,277	17,050,117	17,692,146	18,553,252	20,172,608	22,584,269	23,112,137	22,571,595	24,831,066	25,908,206	25,881,387
Other station men	34,918,155	36,659,516	39,076,478	40,237,653	45,627,016	53,709,985	66,318,729	67,012,465	70,702,517	84,244,486	81,766,135	79,089,030
Enginemen	37,814,011	39,633,962	41,354,307	44,307,993	50,713,401	58,135,447	68,946,543	70,626,750	74,581,454	87,496,778	84,517,730	78,988,116
Firemen	21,750,252	22,793,093	23,724,854	25,199,230	29,203,596	33,780,709	40,463,040	41,701,463	44,247,306	52,474,059	50,747,825	48,294,077
Conductors	21,881,455	23,807,486	24,758,485	26,316,465	30,089,322	35,211,477	44,150,760	44,758,533	47,417,403	55,847,244	55,479,055	51,873,772
Other trainmen	35,276,703	36,637,729	38,379,035	39,597,133	44,844,475	56,335,462	75,521,384	77,416,200	81,884,828	99,978,356	97,456,690	89,710,526
Machinists	19,235,809	18,263,226	19,312,746	19,507,896	22,924,702	28,412,840	37,344,571	37,495,267	40,326,031	46,475,695	42,368,436	41,731,839
Carpenters	24,090,749	21,502,302	22,948,585	23,951,246	28,144,452	31,925,126	36,654,270	36,501,025	40,961,083	49,082,659	44,552,855	43,420,646
Other shopmen	42,179,614	42,558,166	48,497,887	51,359,701	59,470,846	73,269,159	94,463,049	101,164,035	111,524,564	132,421,765	121,695,515	119,909,837
Section foremen	15,238,221	16,755,590	17,097,832	17,223,628	18,481,594	20,356,376	22,555,363	23,041,754	23,519,671	26,326,635	27,658,733	27,405,664
Other trackmen	57,560,900	51,865,100	54,521,113	57,303,740	71,664,298	89,536,409	104,600,785	103,413,280	112,196,214	135,793,476	122,994,426	110,769,229
Switch tenders, crossing tenders, and watchmen	20,656,369	24,464,841	24,950,907	26,633,630	29,599,258	28,669,990	26,920,495	26,355,957	27,939,001	32,184,636	27,607,830	25,521,433
Telegraph operators and dispatchers	11,823,844	13,543,426	13,695,587	14,259,057	16,176,401	18,281,069	21,770,296	22,638,034	24,729,669	29,058,251	30,989,257	29,896,851
Employees—account floating equipment	3,565,408	3,246,068	3,221,290	3,551,898	4,247,915	4,363,822	4,884,713	5,612,076	4,776,654	6,035,415	6,224,613	6,597,867
All other employees and laborers	42,686,131	43,782,000	43,398,416	48,552,299	63,098,165	74,433,083	90,392,829	94,895,687	103,414,175	129,551,951	130,698,937	122,901,000
Total	433,970,343	447,293,627	468,824,531	495,055,618	577,264,841	676,028,592	817,598,810	839,944,680	[3]900,801,653	1,072,386,427	1,035,437,528	988,323,694

[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, and 1903, the per cent for which was over 97.

[2] Excludes compensation of employees of switching and terminal companies.

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

No. 170.—EMPLOYEES OF RAILROADS: AVERAGE DAILY COMPENSATION, YEARS ENDED JUNE 30, 1893 TO 1909, BY CLASSES.

[From the statistical reports of the Interstate Commerce Commission.]

Class.	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908[1]	1909[1]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
General officers	8.10	9.71	9.01	9.19	9.54	9.73	10.03	10.45	10.97	11.17	11.27	11.61	11.74	11.81	11.93	13.11	12.67
Other officers	.....	5.75	5.85	5.96	5.12	5.21	5.18	5.22	5.56	5.60	5.76	6.07	6.02	5.82	5.99	6.27	6.40
General office clerks	2.25	2.34	2.19	2.21	2.18	2.25	2.20	2.19	2.19	2.18	2.21	2.22	2.24	2.24	2.30	2.33	2.31
Station agents	1.83	1.75	1.74	1.73	1.73	1.73	1.74	1.75	1.77	1.80	1.87	1.93	1.93	1.94	2.05	2.09	2.08
Other station men	1.65	1.63	1.62	1.62	1.62	1.61	1.60	1.60	1.59	1.61	1.64	1.69	1.71	1.69	1.78	1.82	1.82
Enginemen	3.68	3.61	3.65	3.65	3.65	3.72	3.72	3.75	3.78	3.84	4.01	4.10	4.12	4.12	4.30	4.45	4.44
Firemen	2.06	2.03	2.05	2.06	2.05	2.09	2.10	2.14	2.16	2.20	2.28	2.35	2.38	2.42	2.54	2.64	2.67
Conductors	3.10	3.04	3.04	3.05	3.07	3.13	3.13	3.17	3.17	3.21	3.38	3.50	3.50	3.51	3.69	3.81	3.81
Other trainmen	1.92	1.89	1.90	1.90	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
Machinists	2.31	2.21	2.22	2.26	2.23	2.28	2.29	2.30	2.32	2.36	2.50	2.61	2.65	2.69	2.87	2.95	2.98
Carpenters	2.10	2.02	2.03	2.03	2.01	2.02	2.03	2.04	2.06	2.08	2.19	2.26	2.25	2.28	2.40	2.40	2.43
Other shopmen	1.73	1.69	1.70	1.69	1.71	1.70	1.72	1.73	1.75	1.78	1.86	1.91	1.92	1.92	2.06	2.12	2.13
Section foremen	1.75	1.71	1.70	1.70	1.70	1.69	1.68	1.68	1.71	1.72	1.78	1.78	1.79	1.80	1.90	1.95	1.96
Other trackmen	1.22	1.18	1.17	1.17	1.16	1.16	1.18	1.22	1.23	1.25	1.31	1.33	1.32	1.36	1.46	1.45	1.38
Switch tenders, crossing tenders, and watchmen	1.82	1.75	1.75	1.74	1.72	1.74	1.77	1.80	1.74	1.77	1.76	1.77	1.79	1.80	1.87	1.78	1.73
Telegraph operators and dispatchers	1.96	1.93	1.98	1.93	1.90	1.92	1.93	1.96	1.98	2.01	2.08	2.15	2.19	2.13	2.26	2.30	2.30
Employees—account floating equipment	1.96	1.97	1.91	1.94	1.86	1.89	1.89	1.92	1.97	2.00	2.11	2.17	2.17	2.10	2.27	2.38	2.31
All other employees and laborers	1.70	1.65	1.65	1.65	1.64	1.67	1.68	1.71	1.69	1.71	1.77	1.82	1.83	1.83	1.92	1.97	1.98

[1] See note 2, Table 169.

No. 171.—TRAFFIC ON RAILROADS: ANALYSIS OF STATISTICS OF PASSENGER AND FREIGHT SERVICES, YEARS ENDED JUNE 30, 1890, 1895, 1900, AND 1903 TO 1909.

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

Item.	1890	1895	1900	1903	1904	1905	1906	1907	1908[1]	1909[1]
Number of passengers reported as carried	492,430,865	507,421,362	576,831,251	694,891,535	715,419,682	738,834,667	[2]797,946,116	873,905,133	890,009,574	891,472,425
Passengers carried 1 mile	11,847,785,617	12,188,446,271	16,038,076,200	20,915,763,881	21,923,213,536	23,800,149,436	25,167,240,831	27,718,554,030	29,052,836,944	29,109,322,589
Passengers carried 1 mile per mile of line	75,751	68,572	83,290	103,291	104,198	109,949	114,529	123,259	130,073	127,299
Tons carried:										
Number of tons reported as carried	631,740,636	686,614,778	1,081,983,301	1,304,394,323	1,309,899,165	1,427,731,905	[2]1,631,374,219	1,796,336,659	1,532,981,790	1,556,559,741
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers[3]	----------	----------	583,351,351	714,767,821	714,375,339	784,920,188	896,159,485	977,489,440	869,797,510	881,334,355
Tons carried 1 mile	77,207,047,298	85,227,515,891	141,596,551,161	173,221,278,993	174,522,089,577	186,463,109,510	215,877,551,241	236,601,390,103	218,381,554,802	218,802,986,929
Tons carried 1 mile per mile of line	493,638	479,490	735,352	855,442	829,476	861,396	982,401	1,052,119	974,654	953,986
Mileage of revenue passenger trains	[4]285,575,804	[4]317,565,615	363,469,596	425,142,204	440,464,866	459,827,029	479,037,553	509,328,042	505,945,582	506,011,038
Average number of passengers in train[5]	41	38	41	46	46	48	49	51	54	54
Average journey per passenger, miles	24.06	24.02	27.80	30.10	30.64	32.21	31.54	31.72	32.86	32.85
Mileage of revenue freight trains	[6]435,170,812	[6]449,291,238	492,543,526	526,312,433	535,090,971	546,424,405	594,005,825	629,995,723	587,218,454	568,854,608
Average number of tons in train[5]	177.42	189.69	270.86	310.54	307.76	322.26	344.39	357.35	351.80	362.57
Average haul per ton:										
Typical haul of the average railway, miles	122.21	124.13	130.87	132.80	133.23	130.60	132.33	131.71	143.83	141.87
Typical haul of all the railways regarded as a system, miles	----------	----------	242.73	242.35	244.30	237.56	240.89	242.05	253.94	251.10
Mileage of revenue mixed trains	----------	----------	30,691,508	31,491,647	31,973,615	32,189,996	32,833,713	32,111,134	34,866,036	36,236,916
Total revenue train mileage	----------	----------	886,704,630	982,946,284	1,007,529,452	1,038,441,430	1,105,877,091	1,171,922,997	[8]1,129,149,453	[8]1,112,452,351
Total mileage of freight cars	----------	----------	12,476,705,508	14,193,718,005	14,353,650,056	15,082,070,763	16,589,958,024	17,122,259,754	16,857,003,236	17,169,413,224

[1] The figures given for the years ending June 30, 1908 and 1909, are not fully comparable with those shown for previous years, chiefly for the reason that they do not include data for roads classed as switching and terminal.

[2] Includes an estimate for certain roads, as their records for this item were destroyed in the San Francisco fire of April, 1906.

[3] Figures include an apportionment of unclassified tonnage.

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

[5] For the years 1890 to 1899, 25 per cent of the mixed-train mileage was apportioned to passenger-train mileage and 75 per cent to freight-train mileage; but in computations for subsequent years the total mixed-train mileage was used both with passenger-train mileage and with freight-train mileage.

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

[7] Includes a small amount of unclassified train mileage.

[8] Includes a small amount of special-train mileage formerly not separately reported.

No. 172.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING, 1890 TO 1909.

[From the 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.*
1890	3,803,284,943	606,373,542	4,409,658,485	4,123,921,557	324,242,541	76,933,818	49,478,215	4,574,576,131	8,984,234,616
1891	3,796,239,374	654,409,653	4,450,649,027	4,081,621,675	379,600,890	324,288,690	54,755,157	4,840,266,412	9,290,915,439
1892	3,978,762,245	654,346,518	4,633,108,763	4,302,570,993	392,107,940	303,205,522	55,153,595	5,053,038,050	9,686,146,813
1893	3,982,009,602	686,925,816	4,668,935,418	4,504,383,162	410,474,647	248,132,730	62,699,282	5,225,689,821	9,894,625,239
1894	4,103,584,166	730,491,493	4,834,075,659	4,593,931,754	456,277,380	242,403,681	63,970,204	5,356,583,019	10,190,658,678
1895	4,201,697,351	759,561,305	4,961,258,656	4,641,755,548	445,221,472	242,603,226	55,915,327	5,385,495,573	10,346,754,229
1896	4,256,570,577	969,956,692	5,226,527,269	4,517,872,063	457,735,531	314,425,977	50,304,931	5,340,338,502	10,566,865,771
1897	4,367,056,657	997,585,598	5,364,642,255	4,539,911,595	430,718,303	259,847,154	39,888,767	5,270,365,819	10,635,008,074
1898	4,269,271,714	1,118,996,607	5,388,268,321	4,640,762,632	486,977,279	262,194,688	40,351,111	5,430,285,710	10,818,554,031
1899	4,323,300,969	1,191,710,757	5,515,011,726	4,731,054,376	485,781,695	260,048,753	42,053,348	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	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

[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.

No. 173.—FINANCES OF RAILROADS: INCOME ACCOUNT, CONSIDERED AS A SYSTEM, FOR YEARS ENDED JUNE 30, 1894 TO 1909.

[From the statistical reports of the Interstate Commerce Commission.]

Item.	1894	1895	1896	1897	1898	1899	1900
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Operating revenues [1]	1,073,361,797	1,075,371,462	1,150,169,376	1,122,089,773	1,247,325,621	1,313,610,118	1,487,044,814
Clear income from investments	25,445,494	21,795,948	18,842,340	18,012,880	21,937,636	26,044,996	32,526,016
Operating revenues and income [2]	1,098,807,291	1,097,167,410	1,169,011,716	1,140,102,653	1,269,263,257	1,339,655,114	1,519,570,830
Operating expenses	731,414,322	725,720,415	772,989,044	752,524,764	817,973,276	856,968,999	961,428,511
Salaries and maintenance of leased lines	509,257	589,523	545,468	508,598	443,325	595,192	520,102
Total	731,923,579	726,309,938	773,534,512	753,033,362	818,416,601	857,564,191	961,948,613
Net revenue and income [3]	366,883,712	370,857,472	395,477,204	387,069,291	450,846,656	482,090,923	557,622,217
Net interest on funded debt	244,035,517	243,571,401	241,389,994	238,750,920	237,578,706	241,657,535	242,998,285
Other interest [4]	10,239,190	7,860,261	8,469,063	7,844,336	7,073,953	7,102,847	4,912,892
Taxes	38,125,274	39,832,433	39,970,791	43,137,844	43,828,224	46,337,632	48,332,273
Total	292,399,981	291,264,095	289,829,848	289,733,100	288,480,883	295,098,014	296,243,450
Available for dividends, adjustments, and improvements	74,483,731	79,593,377	105,647,356	97,336,191	162,365,773	186,992,909	261,378,767
Net dividends	89,023,713	77,146,347	78,066,518	77,403,603	83,995,384	94,273,796	118,624,409
Available for adjustments and improvements	[5] 14,539,982	2,447,030	27,580,838	19,932,588	78,370,389	92,719,113	142,754,358

Item.	1901	1902	1903	1904	1905	1906	1907	1908 [5]	1909 [5]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Operating revenues [1]	1,588,526,037	1,726,380,267	1,900,846,907	1,975,174,091	2,082,482,406	2,325,765,167	2,589,105,578	2,393,805,989	2,418,677,538
Clear income from investments	33,488,648	43,067,141	49,896,729	49,380,970	51,725,750	60,520,306	60,626,333	64,015,142	73,586,827
Operating revenues and income [2]	1,622,014,685	1,769,447,408	1,950,743,636	2,024,555,061	2,134,208,156	2,386,285,473	2,649,731,911	2,457,821,131	2,492,264,365
Operating expenses	1,030,397,270	1,116,248,747	1,257,538,852	1,338,896,253	1,390,602,152	1,536,877,271	1,748,515,814	1,669,547,876	1,599,443,410
Salaries and maintenance of leased lines	532,299	527,038	430,427	453,341	612,518	571,431	648,835	390,841	406,309
Total	1,030,929,569	1,116,775,785	1,257,969,279	1,339,349,594	1,391,214,670	1,537,448,702	1,749,164,649	1,669,938,717	1,599,849,719
Net revenue and income [3]	591,085,116	652,671,623	692,774,357	685,205,467	742,993,486	848,836,771	900,567,262	787,882,414	892,414,646
Net interest on funded debt	252,594,808	260,295,847	268,830,564	282,118,438	294,803,884	305,337,754	323,733,751	343,516,671	364,050,105
Other interest [4]	5,526,572	7,717,103	9,060,645	13,945,009	11,451,400	11,653,076	16,671,532	31,337,323	24,223,049
Taxes	50,944,372	54,465,437	57,849,569	61,696,354	63,474,679	74,785,615	80,312,375	84,555,146	90,529,014
Total	309,065,752	322,478,387	335,740,778	357,759,801	369,729,963	391,776,445	420,717,658	459,409,140	478,802,168
Available for dividends, adjustments, and improvements	282,019,364	330,193,236	357,033,579	327,445,666	373,263,523	457,060,326	479,849,604	328,473,274	413,612,478
Net dividends	131,626,672	157,215,380	166,176,586	183,754,236	188,175,151	213,555,081	227,394,962	[7] 227,597,070	[7] 236,620,890
Available for adjustments and improvements	150,392,692	172,977,856	190,856,993	143,691,430	185,088,372	243,505,245	252,454,642	100,876,204	176,991,588

[1] For the years prior to 1908, figures are for "Gross earnings from operation."
[2] For the years prior to 1908, figures are for "Gross earnings and income."
[3] For the years prior to 1908, figures are for "Net earnings and income."
[4] For the years prior to 1908, figures are for "Interest on current liabilities."
[5] Deficit.

[6] Excludes returns for switching and terminal companies and for a few roads the reports of which were not sufficiently complete for use in this summary.
[7] This amount is obtained by deducting from total dividends declared, which includes dividends declared from current income, and dividends declared out of surplus, the dividends receivable by railways from railway stock owned or controlled.

No. 174.—FINANCES OF RAILROADS: DIVIDENDS ON CAPITAL STOCK AND INTEREST ON FUNDED DEBT, 1890 TO 1909.

[From the 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.*
1890	1,598,131,933	36.24	5.45	87,071,613	221,499,702	308,571,315	8,114,768
1891	1,796,390,636	40.36	5.07	91,117,913	219,521,005	310,638,918	8,171,494
1892	1,825,705,437	39.40	5.35	97,614,745	240,074,895	337,689,640	7,935,873
1893	1,809,600,846	38.76	5.58	100,929,885	250,176,887	351,106,772	7,989,508
1894	1,767,925,565	36.57	5.40	95,515,226	252,779,523	348,294,749	10,239,190
1895	1,485,618,453	29.94	5.74	85,287,543	252,512,920	337,800,463	7,869,261
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	755,174,941	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

[1] Excludes data of switching and terminal companies not segregated for years previous to 1908.

No. 175.—FINANCES OF RAILROADS: GROSS AND NET EARNINGS AND INCOME AND CHARGES AGAINST THE SAME, UNDER VARIOUS HEADINGS, YEARS ENDED JUNE 30, 1893 TO 1907.[1]

[From the statistical reports of the Interstate Commerce Commission.]

Item.	1893[2]	1894[2]	1895[2]	1896[2]	1897[2]
EARNINGS AND INCOME.[3]					
Gross earnings from operation:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Passenger revenue	301,491,816	285,349,558	252,246,180	266,562,533	251,135,927
Mail	28,445,053	30,059,657	30,969,746	32,379,819	33,754,466
Express	23,631,394	23,035,300	24,284,508	24,880,383	24,901,066
Freight revenue	829,053,861	699,490,913	729,993,462	786,615,837	772,849,314
Other earnings, n. e. s	38,129,750	35,426,369	37,877,566	39,730,804	39,449,000
Total	1,220,751,874	1,073,361,797	1,075,371,462	1,150,169,376	1,122,089,773
Income from property owned but not operated:					
Lease of road	103,103,690	96,043,754	92,879,513	91,916,969	87,973,434
Stocks	14,963,580	15,742,331	11,797,543	12,452,693	12,261,328
Bonds	11,009,585	10,175,649	10,454,140	9,560,876	10,404,288
Miscellaneous	20,572,760	20,855,071	17,300,937	15,094,193	14,450,960
Total	149,649,615	142,816,805	132,432,133	129,024,731	125,090,010
Total gross earnings and income	1,370,401,489	1,216,178,602	1,207,803,595	1,279,194,107	1,247,179,783
CHARGES AGAINST EARNINGS AND INCOME.[3]					
Operating expenses:					
Maintenance of way and structures	169,258,376	143,669,386	143,976,344	160,344,950	159,434,403
Maintenance of equipment	136,875,909	112,894,526	113,788,709	133,381,998	122,762,358
Conducting transportation	435,465,575	394,513,035	431,148,963	442,217,582	432,525,862
General expenses	85,548,837	79,771,497	35,907,017	36,083,285	36,481,269
Unclassified	772,602	565,878	899,382	961,229	1,320,872
Total	827,921,299	731,414,322	725,720,415	772,989,044	752,524,764
Fixed charges and other deductions from income:					
Interest on funded debt	250,176,887	252,779,523	252,512,920	249,624,177	247,880,230
Interest on interest-bearing current liabilities	7,989,508	10,239,190	7,860,261	8,469,063	7,844,336
Rents paid for lease of road	107,222,921	98,325,046	94,324,738	92,972,322	87,505,302
Taxes	36,514,689	38,125,274	39,832,433	39,970,791	43,137,844
Permanent improvements charged to income account	2,957,069	4,418,003	4,016,382	5,162,240	4,544,813
Other deductions, n. e. s	26,561,082	25,121,274	27,420,187	20,374,544	22,484,988
Total	431,422,156	429,008,310	425,966,921	416,573,137	413,397,513
Dividends and other payments from net income:					
On common stock	83,661,738	81,469,611	71,388,378	71,355,014	71,265,704
On preferred stock	17,268,147	14,045,615	13,899,165	16,248,357	15,844,835
Other payments from net income	2,011,404	6,092,038	673,957	494,386	267,390
Total	102,941,289	101,607,264	85,961,500	88,097,757	87,377,989
Total charges	1,362,284,744	1,262,029,896	1,237,648,836	1,277,659,938	1,253,300,266
SUMMARY STATEMENT.[3]					
Gross earnings from operation	1,220,751,874	1,073,361,797	1,075,371,462	1,150,169,376	1,122,089,773
Operating expenses	827,921,299	731,414,322	725,720,415	772,989,044	752,524,764
Net earnings from operation	392,830,575	341,947,475	349,651,047	377,180,332	369,565,009
Income from property owned but not operated	149,649,615	142,816,805	132,432,133	129,024,731	125,090,010
Total net earnings and income	542,480,190	484,764,280	482,083,180	506,205,063	494,655,019
Fixed charges and other deductions from income	431,422,156	429,008,310	425,966,921	416,573,137	413,397,513
Net income	111,058,034	55,755,970	56,116,259	89,631,926	81,257,506
Dividends and other payments from net income	102,941,289	101,607,264	85,961,500	88,097,757	87,377,989
Net surplus	8,116,745	[4] 45,851,294	[4] 29,845,241	1,534,169	[4] 6,120,483

[1] See following table for data for 1908 and 1909 compiled from annual reports of carriers kept in conformity with the requirements of new classifications prescribed by the Commission, effective July 1, 1907.
[2] Miles of line represented are as follows: 1893, 169,779.84; 1894, 175,690.96; 1895, 177,746.25; 1896, 181,982.64; 1897, 183,284.25.
[3] Contains duplications resulting from intercorporate payments.
[4] Deficit.

No. 175.—FINANCES OF RAILROADS: GROSS AND NET EARNINGS AND INCOME AND CHARGES AGAINST THE SAME, UNDER VARIOUS HEADINGS, YEARS ENDED JUNE 30, 1893 TO 1907[1]—Continued.

Item.	1898[2]	1899[2]	1900[2]	1901[2]	1902[2]
EARNINGS AND INCOME.[3]					
Gross earnings from operation:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Passenger revenue	266,970,490	291,112,993	323,715,639	351,356,265	392,963,248
Mail	34,608,352	35,999,011	37,752,474	38,453,602	39,835,844
Express	25,908,075	26,756,054	28,416,150	31,121,613	34,253,459
Freight revenue	876,727,719	913,737,155	1,049,256,323	1,118,543,014	1,207,228,845
Other earnings, n. e. s.	43,110,985	46,004,905	47,904,228	49,051,543	52,098,871
Total	1,247,325,621	1,313,610,118	1,487,044,814	1,588,526,037	1,726,380,267
Income from property owned but not operated:					
Lease of road	95,471,678	96,352,295	99,429,619	111,637,907	110,924,621
Stocks	15,614,638	20,104,521	24,490,253	28,822,788	34,982,212
Bonds	10,529,343	11,334,690	11,833,974	12,055,312	17,280,238
Miscellaneous	16,587,120	20,922,477	27,131,225	27,230,442	33,136,558
Total	138,202,779	148,713,983	162,885,071	179,746,449	196,323,629
Total gross earnings and income	1,385,528,400	1,462,324,101	1,649,929,885	1,768,272,486	1,922,703,896
CHARGES AGAINST EARNINGS AND INCOME.[3]					
Operating expenses:					
Maintenance of way and structures	173,314,958	180,410,806	211,220,521	231,056,602	248,381,594
Maintenance of equipment	142,624,862	150,919,249	181,173,880	190,299,560	213,389,644
Conducting transportation	464,674,276	486,159,607	529,116,326	565,265,789	609,961,695
General expenses	36,476,686	38,676,883	39,328,765	42,566,553	44,197,880
Unclassified	882,494	802,454	589,019	1,208,766	326,934
Total	817,973,276	856,968,999	961,428,511	1,030,397,270	1,116,248,747
Fixed charges and other deductions from income:					
Interest on funded debt	246,126,691	251,158,087	252,949,016	262,094,838	274,421,855
Interest on interest-bearing current liabilities	7,073,953	7,102,847	4,912,892	5,526,572	7,717,103
Rents paid for lease of road	92,391,008	94,406,737	101,951,319	112,644,822	111,697,122
Taxes	43,828,224	46,337,632	48,332,273	50,944,372	54,465,437
Permanent improvements charged to income account	6,847,905	13,070,045	25,500,035	31,938,901	34,712,968
Other deductions, n. e. s.	30,967,922	29,124,941	27,594,792	33,214,393	43,164,337
Total	427,235,703	441,200,289	461,240,927	496,363,898	526,178,822
Dividends and other payments from net income:					
On common stock	74,672,054	79,863,252	104,353,644	115,017,632	141,394,107
On preferred stock	21,480,835	31,146,570	35,244,328	41,718,152	43,997,548
Other payments from net income	87,975	80,114	4,542	10,752	29,584
Total	96,240,864	111,089,936	139,602,514	156,746,536	185,421,239
Total charges	1,341,449,843	1,409,259,224	1,562,271,952	1,683,507,704	1,827,848,808
SUMMARY STATEMENT.[3]					
Gross earnings from operation	1,247,325,621	1,313,610,118	1,487,044,814	1,588,526,037	1,726,380,267
Operating expenses	817,973,276	856,968,999	961,428,511	1,030,397,270	1,116,248,747
Net earnings from operation	429,352,345	456,641,119	525,616,303	558,128,767	610,131,520
Income from property owned but not operated	138,202,779	148,713,983	162,885,071	179,746,449	196,323,629
Total net earnings and income	567,555,124	605,355,102	688,501,374	737,875,216	806,455,149
Fixed charges and other deductions from income	427,235,703	441,200,289	461,240,927	496,363,898	526,178,822
Net income	140,319,421	164,154,813	227,260,447	241,511,318	280,276,327
Dividends and other payments from net income	96,240,864	111,089,936	139,602,514	156,746,536	185,421,239
Net surplus	44,078,557	53,064,877	87,657,933	84,764,782	94,855,088

[1] See following table for data for 1908 and 1909, compiled from annual reports of carriers, kept in conformity with the requirements of new classifications prescribed by the Commission, effective July 1, 1907.
[2] Miles of line represented are as follows: 1898, 184,648.26; 1899, 187,534.68; 1900, 192,556.03; 1901, 195,561.92; 1902, 200,154.56.
[3] Contains duplications resulting from intercorporate payments.

No. 175.—FINANCES OF RAILROADS: GROSS AND NET EARNINGS AND INCOME AND CHARGES AGAINST THE SAME, UNDER VARIOUS HEADINGS, YEARS ENDED JUNE 30, 1893 TO 1907 [1]—Continued.

Item.	1903 [2]	1904 [2]	1905 [2]	1906 [2]	1907 [2]
EARNINGS AND INCOME. [3]					
Gross earnings from operation:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Passenger revenue	421,704,592	444,326,991	472,694,732	510,032,583	564,606,343
Mail	41,709,396	44,499,732	45,426,125	47,371,453	50,378,964
Express	38,331,964	41,875,636	45,149,155	51,010,930	57,332,931
Freight revenue	1,338,020,026	1,379,002,693	1,450,772,838	1,640,386,655	1,823,651,998
Other earnings, n. e. s.	61,080,929	65,469,039	68,439,556	76,963,546	93,135,342
Total	1,900,846,907	1,975,174,091	2,082,482,406	2,325,765,167	2,589,105,578
Income from property owned but not operated:					
Lease of road	109,696,201	109,694,361	114,473,139	119,604,619	124,705,781
Stocks	40,081,725	44,969,794	56,842,694	66,861,656	88,523,952
Bonds	17,696,586	18,702,245	18,786,644	20,537,011	24,361,054
Miscellaneous	38,212,968	39,567,590	41,796,076	49,636,305	48,993,155
Total	205,687,480	212,933,990	231,898,553	256,639,591	286,583,942
Total gross earnings and income	2,106,534,387	2,188,108,081	2,314,380,959	2,582,404,758	2,875,689,520
CHARGES AGAINST EARNINGS AND INCOME. [3]					
Operating expenses:					
Maintenance of way and structures	266,421,774	261,280,454	275,046,036	311,720,820	343,544,907
Maintenance of equipment	240,429,742	267,184,739	288,441,273	328,554,658	368,061,728
Conducting transportation	702,509,818	758,238,681	771,228,666	836,202,707	970,952,924
General expenses	47,767,947	51,579,196	55,319,805	59,752,230	65,404,655
Unclassified	409,571	613,183	566,372	646,856	551,600
Total	1,257,538,852	1,338,896,253	1,390,602,152	1,536,877,271	1,748,515,814
Fixed charges and other deductions from income:					
Interest on funded debt	283,953,124	297,674,738	310,631,802	322,555,934	344,242,617
Interest on interest-bearing current liabilities	9,060,645	13,945,009	11,451,400	11,653,076	16,671,532
Rents paid for lease of road	112,230,384	110,857,803	116,380,644	122,290,911	128,766,452
Taxes	57,849,569	61,696,354	63,474,679	74,785,615	80,312,375
Permanent improvements charged to income account	41,948,183	38,522,548	37,720,624	49,042,631	38,552,890
Other deductions, n. e. s.	47,577,585	47,729,450	57,029,271	80,012,992	69,166,652
Total	552,619,490	570,425,902	596,688,420	660,341,159	677,712,518
Dividends and other payments from net income:					
On common stock	152,247,629	175,713,433	188,903,748	221,245,145	258,365,734
On preferred stock	44,480,547	46,227,616	49,060,734	51,550,820	49,722,893
Other payments from net income	420,400	115,546	82,415	55,593	49,297
Total	197,148,576	222,056,595	238,046,897	272,851,567	308,137,924
Total charges	2,007,306,918	2,131,378,750	2,225,337,469	2,470,069,997	2,734,366,256
SUMMARY STATEMENT. [3]					
Gross earnings from operation	1,900,846,907	1,975,174,091	2,082,482,406	2,325,765,167	2,589,105,578
Operating expenses	1,257,538,852	1,338,896,253	1,390,602,152	1,536,877,271	1,748,515,814
Net earnings from operation	643,308,055	636,277,838	691,880,254	788,887,896	840,589,764
Income from property owned but not operated	205,687,480	212,933,990	231,898,553	256,639,591	286,583,942
Total net earnings and income	848,995,535	849,211,828	923,778,807	1,045,527,487	1,127,173,706
Fixed charges and other deductions from income	552,619,490	570,425,902	596,688,420	660,341,159	677,712,518
Net income	296,376,045	278,785,926	327,090,387	385,186,328	449,461,188
Dividends and other payments from net income	197,148,576	222,056,595	238,046,897	272,851,567	308,137,924
Net surplus	99,227,469	56,729,331	89,043,490	112,334,761	141,323,264

[1] See following table for data for 1908 and 1909, compiled from annual reports of carriers, kept in conformity with the requirements of new classifications prescribed by the Commission, effective July 1, 1907.
[2] Miles of line represented are as follows: 1903, 205,313.54; 1904, 212,243.20; 1905, 216,973.61; 1906, 222,340.30; 1907, 227,454.83.
[3] Contains duplications resulting from intercorporate payments.

No. 176.—FINANCES OF RAILROADS: UNDER SPECIFIED HEADINGS, YEARS ENDED JUNE 30, 1908 AND 1909.[1]

[From the statistical reports of the Interstate Commerce Commission.]

ANALYSIS OF OPERATING REVENUES.

Item.	1908		1909	
	Amount.[2]	Proportion to total.	Amount.[3]	Proportion to total.
	Dollars.	*Per cent.*	*Dollars.*	*Per cent.*
Freight revenue	1,655,419,108	69.15	1,677,614,678	69.32
Passenger revenue	566,832,746	23.68	563,609,342	23.32
Mail revenue	48,517,563	2.03	49,380,783	2.04
Express revenue	58,692,091	2.45	59,647,022	2.47
Excess baggage revenue and milk revenue (on passenger trains)	12,838,647	.54	13,694,171	.57
Parlor and chair car revenue and other passenger-train revenue	3,480,738	.14	3,989,612	.17
Switching revenue	19,715,089	.82	21,599,256	.89
Special service-train revenue and miscellaneous transportation revenue	7,082,526	.30	7,833,852	.33
Total revenue from operations other than transportation	21,225,243	.89	19,756,577	.82
Joint facilities revenue—Dr			*500,301*	*.02*
Joint facilities revenue—Cr			2,052,546	.09
Unclassified	2,238	(4)		
Total	2,393,805,989	100.00	2,418,677,538	100.00

ANALYSIS OF OPERATING EXPENSES.

Maintenance of way and structures	329,373,367	19.73	308,450,105	19.29
Maintenance of equipment	368,353,798	22.06	363,912,886	22.75
Traffic expenses	48,262,758	2.89	49,287,148	3.08
Transportation expenses	868,252,168	52.00	814,088,149	50.90
General expenses	55,179,174	3.31	63,677,378	3.98
Unclassified	[5] 126,611	.01	[6] 27,744	(4)
Total	1,669,547,876	100.00	1,599,443,410	100.00

ANALYSIS OF INCOME OF OPERATING ROADS OTHER THAN OPERATING INCOME.

Item.	1908	1909
	Dollars.	*Dollars.*
Rents accrued from lease of road	1,081,454	2,123,205
Hire of equipment—balance	14,140,351	8,118,416
Joint facilities	13,890,179	15,216,611
Miscellaneous rents	4,566,511	3,923,479
Separately operated properties—profit	4,732,150	9,018,950
Dividends declared on stocks owned or controlled	172,093,206	101,897,709
Interest accrued on funded debt owned or controlled	26,991,495	23,963,328
Interest on other securities, loans, and accounts	29,233,858	27,558,693
Miscellaneous income	7,720,988	7,220,637
Total	274,450,192	199,041,118

[1] See preceding table for data covering previous years, compiled under different classifications. Statistics exclude returns for switching and terminal companies and for a few roads, the reports of which were not sufficiently complete for use in this summary.

[2] 227,257.02 miles of line (average mileage operated) represented.

[3] 232,981.11 miles of line (average mileage operated) represented.

[4] Less than 0.01 per cent.

[5] Covers four roads making no classification of operating expenses under the five general heads.

[6] Covers two roads making no classification of operating expenses under the five general heads.

No. 176.—FINANCES OF RAILROADS, UNDER SPECIFIED HEADINGS, YEARS ENDED JUNE 30, 1908 AND 1909—Continued.

ANALYSIS OF DEDUCTIONS FROM GROSS CORPORATE INCOME OF OPERATING ROADS.

Item.	1908	1909
	Dollars.	*Dollars.*
Rents accrued for lease of other roads	114,849,162	120,122,672
Hire of equipment—balance	21,660,850	24,786,981
Joint facilities	23,136,983	23,105,537
Miscellaneous rents	3,456,329	3,136,703
Separately operated properties—loss	1,052,959	1,091,015
Interest accrued on funded debt	317,977,715	331,994,861
Other interest	29,073,856	22,158,417
Sinking funds chargeable to income	5,414,746	5,127,640
Other deductions	13,486,705	14,384,660
Total	530,109,305	548,908,546

ANALYSIS OF INCOME OF LEASED ROADS OTHER THAN INCOME FROM LEASE.

Miscellaneous rents	416,053	575,411
Dividends declared on stocks owned or controlled	79,092	77,584
Interest accrued on funded debt owned or controlled	518,174	1,149,932
Interest on other securities, loans, and accounts	1,765,671	1,567,979
Miscellaneous income	2,657,139	407,587
Total	5,436,129	3,778,493

ANALYSIS OF DEDUCTIONS FROM GROSS CORPORATE INCOME OF LEASED ROADS.

Rents accrued for lease of other roads	1,175,298	2,000,767
Miscellaneous rents	895,367	1,074,770
Interest accrued on funded debt	49,380,532	49,906,920
Other interest	2,263,467	2,064,632
Sinking funds chargeable to income	798,682	890,338
Other deductions	7,719,162	5,680,622
Total	62,232,508	61,618,049

CONDENSED INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF OPERATING ROADS.

Item.	1908		1909	
INCOME ACCOUNT.				
Rail operations:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Operating revenues	2,393,805,989		2,418,677,538	
Operating expenses	1,669,547,876		1,599,443,410	
Net operating revenue		724,258,113		819,234,128
Outside operations:				
Revenues	46,832,843		54,527,763	
Expenses	40,853,915		53,590,794	
Net revenue from outside operations		[1] 5,977,268		3,936,969
Total net revenue		730,235,381		823,171,097
Taxes accrued		78,673,794		85,139,554
Operating income		651,561,587		738,031,543
Other income		274,450,192		199,041,118
Gross corporate income		926,011,779		937,072,661
Deductions from gross corporate income		530,109,305		548,908,546
Net corporate income		395,902,474		388,164,115

[1] Includes $1,660 "Net deficit" for which gross revenues and expenses were not reported.

No. 176.—Finances of Railroads, under Specified Headings, Years ended June 30, 1908 and 1909—Continued.

CONDENSED INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF OPERATING ROADS—Continued.

Item.	1908		1909	
INCOME ACCOUNT—continued.				
Disposition of net corporate income:	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Dividends declared from current income	271,328,453		233,069,739	
Additions and betterments charged to income	28,086,454		23,675,622	
Appropriations to reserves and miscellaneous items	21,635,182		20,632,313	
Total		321,050,089		277,377,674
Balance to credit of profit and loss		74,852,385		110,786,441
PROFIT AND LOSS ACCOUNT.				
Credit balance at close of previous year		698,159,760		720,423,740
Credit balance for year from income account		74,852,385		110,786,441
Total		773,012,145		831,210,181
Dividends declared out of surplus		57,733,808		38,973,760
Difference		715,278,337		792,236,421
Other profit and loss items—balance		2,885,713		*23,708,013*
Balance credit, June 30, carried to balance sheet		718,164,050		768,528,408

CONDENSED INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF LEASED ROADS.

INCOME ACCOUNT.				
Gross income from lease of road	111,153,013		116,533,953	
Salaries and maintenance of organization	390,841		406,309	
Taxes accrued	5,881,352		5,389,460	
Net income from lease of road		104,880,820		110,738,184
Other income		5,436,129		3,778,493
Gross corporate income		110,316,949		114,516,677
Deductions from gross corporate income		62,232,508		61,618,049
Net corporate income		48,084,441		52,898,628
Disposition of net corporate income:				
Dividends declared from current income	33,843,577		34,617,102	
Additions and betterments charged to income	1,088,002		1,257,633	
Appropriations to reserves and miscellaneous items	258,580		357,808	
Total		35,190,159		36,232,543
Balance to credit of profit and loss		12,894,282		16,666,085
PROFIT AND LOSS ACCOUNT.				
Credit balance at close of previous year		45,852,031		25,406,156
Credit balance for year from income account		12,894,282		16,666,085
Total		58,746,313		42,072,241
Dividends declared out of surplus		27,550,596		14,230,229
Difference		31,195,717		27,842,012
Other profit and loss items—balance		*2,006,573*		6,715,969
Balance credit, June 30, carried to balance sheet		29,189,144		34,557,981

No. 177.—FINANCES OF RAILROADS: ANALYSIS OF STATISTICS OF RECEIPTS FROM PASSENGER AND FREIGHT SERVICES, 1890 TO 1909.

[From the 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]	Revenue per train-mile.	Cost of running a train 1 mile.
	Cents.	*Dollar.*	*Dollars.*	*Dollars.*	*Cent.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1890	2.167	0.50818	1.08641	1,978.19	0.927	1.08781	1.65434	4,588.82	1.44231	0.96006
1891	2.142	.52067	1.06111	2,064.95	.918	1.15052	1.63683	4,587.53	1.43345	.95707
1892	2.126	.51205	1.06873	2,103.74	.898	1.14240	1.64611	4,946.16	1.44649	.96580
1893	2.111	.51116	1.06984	2,120.53	.879	1.13426	1.63018	4,905.78	1.43475	.97426
1894	1.986	.52851	1.04897	1,961.58	.860	1.11938	1.55744	4,001.55	1.36958	.93478
1895	2.040	.49486	.97870	1,764.39	.839	1.07463	1.61190	4,130.24	1.37723	.93029
1896	2.019	.52078	.98591	1,816.18	.806	1.05101	1.63337	4,343.83	1.39567	.93838
1897	2.022	.51163	.93917	1,726.40	.798	1.06712	1.65358	4,239.64	1.38194	.92918
1898	1.973	.53237	.97419	1,812.69	.753	1.02801	1.73112	4,773.46	1.45449	.95635
1899	1.978	.55816	1.01615	1,927.94	.724	.98853	1.79035	4,895.09	1.50436	.98390
1900	2.003	.56459	1.01075	2,067.17	.729	.99373	2.00042	5,466.47	1.65721	1.07288
1901	2.013	.57941	1.02721	2,218.70	.750	1.05116	2.13212	5,804.08	1.72938	1.12292
1902	1.986	.60494	1.08531	2,399.97	.757	1.03219	2.27093	6,113.58	1.82350	1.17960
1903	2.006	.60720	1.11644	2,525.83	.763	1.05158	2.42967	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

[1] See note 5, p. 268.

[2] For years subsequent to 1900, computed on the basis of average mileage operated.

[3] See note 1, p. 268.

No. 178.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENDED JUNE 30, 1902 TO 1909, BY LEADING COMMODITIES.

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

Commodity.	1902	1903	1904	1905	1906	1907	1908[1]	1909[1]		
								Originating on road.	Received from connecting roads and other carriers.	Total.
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
Products of agriculture:										
Grain	52,257,455	60,484,068	58,843,969	58,756,442	70,286,919	71,571,083	63,974,893	34,111,231	28,983,655	63,094,886
Flour	16,090,965	17,347,197	17,323,855	15,127,516	17,479,527	18,161,229	16,892,181	7,744,810	10,561,676	18,306,486
Other mill products	9,851,384	11,136,676	11,297,960	11,302,941	12,294,999	13,679,896	13,177,812	5,210,092	8,716,445	13,926,537
Hay	8,911,860	9,266,067	10,306,768	9,683,237	10,484,815	10,796,785	10,240,215	5,453,515	4,869,918	10,323,433
Tobacco	1,393,913	1,552,194	1,415,784	1,561,040	1,636,283	1,699,638	1,490,130	794,433	736,421	1,530,854
Cotton	5,983,877	6,063,340	5,604,337	7,111,539	6,316,487	7,774,095	6,232,352	3,950,479	3,745,222	7,695,701
Fruit and vegetables	14,501,968	17,033,868	18,832,436	21,447,415	20,502,423	21,982,354	22,136,182	9,762,769	14,535,542	24,298,311
Other products of agriculture	3,957,245	5,105,247	3,981,220	5,269,458	5,263,407	9,377,145	8,472,620	6,656,391	3,763,094	10,419,485
Total	112,948,667	127,988,657	127,606,329	130,259,588	144,264,860	155,042,225	142,616,385	73,683,720	75,911,973	149,595,693
Products of animals:										
Live stock	15,477,500	16,460,788	17,968,122	18,184,932	18,829,393	19,039,176	18,395,820	11,699,070	6,733,371	18,432,441
Dressed meats	4,785,665	4,865,985	5,004,087	5,192,802	5,738,625	6,143,120	5,618,772	2,131,803	3,524,835	5,656,638
Other packing-house products	5,811,005	5,654,113	6,052,281	6,170,586	6,161,175	5,565,522	5,339,781	1,982,194	3,257,750	5,239,944
Poultry, game, and fish	1,415,047	1,426,085	1,459,707	1,586,385	1,827,078	1,743,253	1,519,612	713,012	815,535	1,528,547
Wool	1,002,922	918,581	907,062	929,862	865,212	841,325	775,927	403,904	598,216	1,002,120
Hides and leather	2,087,465	2,158,841	2,348,336	2,415,042	2,579,095	2,517,361	2,275,390	1,155,884	1,702,798	2,858,682
Other products of animals	2,248,963	2,433,754	2,679,810	2,553,911	2,856,327	3,721,599	3,814,352	2,507,485	1,827,188	4,334,673
Total	32,828,567	33,918,147	36,419,405	37,033,520	38,856,905	39,571,356	37,739,654	20,593,352	18,459,693	39,053,045
Products of mines:										
Anthracite coal	83,720,175	68,350,635	91,391,018	106,650,250	101,329,584	117,131,956	120,526,424	67,728,636	48,230,495	115,959,131
Bituminous coal	255,792,615	289,173,392	303,745,912	327,600,550	370,812,565	411,590,630	387,623,984	219,404,641	173,416,932	392,821,573

Coke	47,451,880	55,042,131	47,879,796	60,945,126	76,823,038	83,652,083	53,998,184	24,621,574	29,996,589	54,618,163
Ores	84,866,105	93,500,667	71,137,107	108,253,681	123,510,304	136,274,966	97,614,917	79,813,656	33,233,382	113,037,038
Stone, sand, and other like articles	52,281,827	62,429,389	60,663,704	67,439,720	84,467,039	93,383,541	71,619,490	54,820,769	20,253,924	75,080,693
Other products of mines	7,275,188	7,141,914	10,264,259	9,923,620	13,694,985	16,527,511	18,376,796	13,171,456	6,520,894	19,692,350
Total	531,387,790	575,638,128	585,081,796	680,812,947	770,637,515	858,560,687	749,759,795	459,560,732	311,648,216	771,208,948
Products of forests:										
Lumber	83,653,853	97,846,984	117,295,124	117,222,887	137,667,280	127,651,743	104,717,411	55,849,862	57,784,968	113,684,830
Other products of forests	25,332,208	28,551,763	18,119,793	19,675,745	20,268,799	44,636,074	46,455,429	41,204,838	10,586,528	51,791,366
Total	113,986,061	126,398,747	135,414,917	136,898,632	157,936,079	172,287,817	151,172,840	97,104,700	68,371,496	165,476,196
Manufactures:										
Petroleum and other oils	10,033,705	11,190,776	10,868,521	11,461,737	14,031,794	14,751,904	14,365,351	6,339,151	7,905,756	14,244,907
Sugar	4,970,239	5,351,735	5,793,489	5,498,239	6,165,668	5,647,636	5,714,720	2,499,122	3,949,849	6,448,971
Naval stores	1,406,598	1,341,314	1,417,163	1,535,461	1,521,355	1,646,522	1,681,521	1,116,182	559,969	1,676,151
Iron, pig and bloom	28,520,310	32,017,786	28,047,575	30,582,201	37,021,977	38,264,729	20,479,456	10,761,112	10,016,485	20,777,597
Iron and steel rails	10,101,691	10,700,602	8,703,904	8,341,418	12,499,796	12,396,005	7,764,224	3,007,752	3,458,966	6,466,718
Other castings and machinery	19,578,538	22,462,788	19,851,837	22,086,086	27,150,164	29,595,202	20,289,094	9,403,484	10,603,711	20,007,195
Bar and sheet metal	22,124,481	25,062,788	20,258,936	24,510,154	31,115,199	35,759,832	21,572,503	9,666,817	12,985,616	22,652,433
Cement, brick, and lime	28,815,418	33,351,274	33,053,694	37,642,509	46,567,167	52,338,896	43,919,813	27,363,034	20,941,760	48,304,794
Agricultural implements	2,445,955	2,400,600	2,383,717	2,322,124	2,743,293	2,833,170	2,299,006	1,148,668	1,426,892	2,575,560
Wagons, carriages, tools, etc	1,996,341	2,042,781	2,071,811	2,133,409	2,786,959	3,047,131	2,458,506	1,054,187	1,227,965	2,282,152
Wines, liquors, and beers	4,632,313	5,101,534	5,684,011	5,692,915	5,913,246	6,531,856	6,411,216	3,537,927	2,580,243	6,118,170
Household goods and furniture	2,661,909	2,961,648	3,109,300	3,106,934	3,491,373	3,765,144	3,463,908	1,852,420	1,599,400	3,451,820
Other manufactures	24,758,798	26,533,785	28,314,109	31,400,013	41,984,077	59,051,051	55,767,607	30,927,273	29,952,310	60,879,583
Total	162,046,296	180,519,411	169,558,067	186,313,200	232,992,068	265,629,078	206,186,925	108,677,129	107,208,922	215,886,051
Merchandise	47,015,216	55,898,707	53,981,973	56,976,661	60,478,606	63,363,481	53,898,105	33,975,628	23,432,774	57,408,402
Miscellaneous—Other commodities	61,406,030	65,398,726	68,542,232	73,463,321	87,867,192	86,956,132	63,686,306	32,897,504	28,174,860	61,072,364
Grand total [2]	1,061,618,627	1,165,760,523	1,176,604,719	1,301,757,869	1,493,033,225	1,641,410,776	1,405,060,010	826,492,765	633,207,934	1,459,700,699

[1] Excludes traffic movement of switching and terminal companies not heretofore segregated.

[2] Excludes freight not classified, as follows: 1901, 116,359,248 tons; 1902, 138,697,160 tons; 1903, 138,633,800 tons; 1904, 133,294,446 tons; 1905, 125,974,036 tons; 1906, 138,340,994 tons; 1907, 154,925,883 tons; 1908, 127,921,780 tons; 1909, 96,859,042 tons.

No. 179.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1902 TO 1909, BY STATES AND TERRITORIES.

[From the statistical reports of the Interstate Commerce Commission.]

State or Territory.	1902		1903		1904		1905		1906		1907		1908[1]		1909[1]	
	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	780,968	187	783,389	186	785,690	182	833,121	186	862,635	190	983,658	218	1,369,057	295	1,396,623	298
Arkansas	530,683	171	546,996	167	613,970	168	789,442	208	909,916	224	958,057	224	1,055,652	241	1,119,042	234
California	1,357,011	247	1,588,860	281	1,844,904	317	1,919,125	319	1,962,675	325	2,390,389	390	3,195,314	494	3,299,273	498
Colorado	1,263,928	268	1,357,464	285	1,334,578	278	1,374,077	286	1,421,536	295	1,390,514	287	1,440,719	289	1,497,491	300
Connecticut	1,031,308	1,005	1,050,222	1,025	1,133,544	1,114	1,281,751	1,259	1,241,680	1,220	1,360,234	1,339	1,609,895	1,593	1,693,772	1,686
Delaware	101,125	301	99,319	296	101,445	336	101,535	303	103,763	310	131,282	391	114,538	340	141,639	421
Florida	408,055	132	472,132	148	503,366	153	469,938	140	583,738	170	615,142	176	708,563	187	770,732	198
Georgia	651,896	120	700,601	122	881,216	152	831,436	139	973,759	158	1,068,654	166	1,281,106	196	1,285,021	194
Idaho	325,008	244	328,884	227	343,266	237	375,678	256	379,488	244	399,937	233	579,193	312	54[illegible],864	288
Illinois	4,586,422	411	4,656,633	410	4,830,658	418	5,186,887	441	5,364,330	453	5,649,300	472	5,205,961	441	5,461,020	463
Indiana	2,661,222	477	2,947,897	437	3,091,936	458	3,096,288	455	3,225,391	451	3,468,895	481	3,585,182	490	3,792,322	518
Iowa	1,610,251	171	1,719,654	182	2,048,496	208	2,089,289	212	2,146,279	217	2,300,545	234	2,254,019	230	2,357,250	242
Kansas	2,196,626	251	2,197,136	251	2,437,443	277	2,398,209	272	2,710,285	305	2,637,293	296	3,060,247	343	2,760,507	309
Kentucky	897,683	296	1,180,290	379	1,052,444	333	1,180,298	373	1,096,530	333	1,213,161	366	1,104,258	333	1,236,719	369
Louisiana	673,155	247	709,466	257	742,739	239	795,874	239	883,220	241	902,638	218	1,091,021	245	1,171,981	253
Maine	370,366	198	404,191	208	426,873	219	490,389	251	513,324	262	586,704	292	654,090	314	660,107	314
Maryland	382,955	284	467,669	353	500,715	384	579,192	430	842,230	597	861,931	620	910,245	675	975,556	711
Massachusetts	2,925,598	1,401	2,957,581	1,413	2,981,157	1,426	3,070,766	1,472	3,505,312	1,683	3,185,260	1,525	2,913,032	1,394	3,132,072	1,500
Michigan	1,509,444	190	2,398,437	296	2,605,514	316	2,680,851	333	4,584,723	554	3,408,883	398	3,422,858	396	3,599,755	424
Minnesota	1,752,493	247	2,144,872	296	1,946,325	262	2,189,953	285	3,074,306	389	3,407,313	429	3,144,571	388	3,206,062	381
Mississippi	504,167	130	538,138	181	615,929	195	684,417	201	702,073	197	783,265	214	825,268	214	950,823	242
Missouri	1,402,107	203	1,474,135	206	1,513,964	201	1,594,094	204	1,642,600	209	1,629,914	206	1,471,194	187	1,548,796	196
Montana	406,164	129	667,453	208	680,353	221	765,322	232	784,725	240	882,421	271	1,001,225	298	999,275	289
Nebraska	1,168,622	204	1,152,323	199	1,288,953	223	1,296,686	224	1,389,174	240	2,546,264	429	1,858,096	309	1,873,305	311
Nevada	180,921	193	217,246	231	356,805	381	282,697	242	312,033	235	409,646	265	502,088	283	522,806	291

New Hampshire	392,918	324	402,864	327	404,839	326	395,328	318	411,101	333	441,713	358	467,327	379	496,375	402
New Jersey	1,690,688	770	1,684,077	768	1,742,815	798	1,852,786	848	2,323,282	1,047	4,561,655	2,047	4,198,431	1,926	4,702,291	2,166
New York	4,904,588	605	4,945,811	604	4,782,371	581	5,066,316	617	5,540,836	671	5,764,330	686	5,552,431	672	6,675,522	800
North Carolina	535,411	149	476,438	128	686,376	185	642,466	171	685,914	176	704,533	177	870,207	211	899,381	213
North Dakota	621,020	210	640,482	210	683,644	223	805,756	251	991,307	264	1,031,593	265	1,074,277	265	1,207,178	297
Ohio	3,120,530	354	3,713,640	426	4,132,185	468	4,297,601	478	4,686,549	519	5,080,488	569	5,102,702	576	5,339,622	599
Oklahoma	198,654	139	270,994	146	291,543	112	453,816	173	591,292	212	544,984	194	1,046,490	187	2,643,603	460
Oregon	249,377	156	274,161	171	440,490	272	403,367	248	357,731	211	391,737	228	527,342	297	861,482	446
Pennsylvania	4,327,160	426	4,572,166	447	5,072,723	482	3,586,872	336	6,982,973	645	5,541,396	510	5,896,956	554	5,917,452	552
Rhode Island	188,256	888	189,435	894	198,507	937	222,233	1,049	235,013	1,128	229,309	1,100	248,382	1,204	259,775	1,243
South Carolina	450,792	152	455,906	150	481,491	156	495,750	159	528,359	167	556,712	176	711,405	224	731,232	226
South Dakota	284,545	96	298,093	100	310,231	103	325,306	107	338,003	107	355,811	101	525,505	153	664,523	182
Tennessee	742,984	240	770,218	245	835,909	254	832,869	244	920,766	263	935,567	267	1,038,629	298	1,091,261	301
Texas	1,117,764	110	1,179,190	108	1,228,633	110	1,274,694	109	1,417,765	118	1,910,682	153	3,098,759	243	2,456,776	189
Utah	310,113	206	372,296	235	372,377	216	461,885	264	549,395	313	575,081	320	686,266	381	672,446	375
Vermont	150,944	146	149,107	142	155,442	148	156,850	149	170,230	161	177,040	172	210,260	205	230,475	226
Virginia	759,719	204	808,280	216	1,135,458	301	1,219,316	322	1,276,957	334	1,492,013	376	1,569,136	385	1,598,542	369
Washington	629,083	215	747,556	248	756,244	236	826,722	256	1,164,352	354	1,443,564	415	1,933,175	549	2,080,051	507
West Virginia	493,882	218	520,557	227	568,723	230	599,804	224	622,736	214	1,237,049	413	1,391,699	471	1,426,232	467
Wisconsin	1,710,276	259	1,887,375	284	1,925,427	285	2,262,303	331	2,707,201	387	3,009,273	414	2,965,945	409	3,153,703	440
Wyoming	174,112	141	174,973	141	203,562	164	200,491	162	205,445	165	211,122	141	336,089	216	360,785	230
Arizona	140,700	92	197,437	125	223,627	135	230,792	135	232,563	130	266,133	142	279,332	148	303,992	157
Dist. Columbia	17,694	557	31,257	1,003	30,537	979	41,966	1,349	42,473	1,459	46,345	1,480	29,675	944	36,539	1,036
Indian Territory	14,582	9	15,712	8	48,833	19	33,329	13	34,638	13	67,165	26	.....	.....	.....	.....
New Mexico	288,958	148	258,674	118	284,103	116	278,618	112	369,565	147	361,411	139	445,753	154	524,508	180
Total [2]	53,192,928	274	57,797,737	290	61,658,373	301	63,324,551	303	74,602,171	349	80,108,006	367	84,563,565	382	90,333,559	401

[1] Excludes taxes of switching and terminal companies.

[2] The figures exclude certain amounts of taxes not apportioned by States and Territories, as follows: For 1901, $1,182,888; 1902, $1,234,939; 1903, $51,832; 1904, $37,981; 1905, $150,128; 1906, $183,444; 1907, $204,369; 1908, $36,427; 1909, $224,757.

No. 180.—RAILROAD ACCIDENTS: NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1891 TO 1909.

[From the statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Employees.		Passengers.		Other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1891	2,660	26,140	293	2,972	4,076	4,769	7,029	33,881
1892	2,554	28,267	376	3,227	4,217	5,158	7,147	36,652
1893	2,727	31,729	299	3,229	4,320	5,435	7,346	40,393
1894	1,823	23,422	324	3,034	4,300	5,433	6,447	31,889
1895	1,811	25,696	170	2,375	4,155	5,677	6,136	33,748
1896	1,861	29,969	181	2,873	4,406	5,845	6,448	38,687
1897	1,693	27,667	222	2,795	4,522	6,269	6,437	36,731
1898	1,958	31,761	221	2,945	4,680	6,176	6,859	40,882
1899	2,210	34,923	239	3,442	4,674	6,255	7,123	44,620
1900	2,550	39,643	249	4,128	5,066	6,549	7,865	50,320
1901	2,675	41,142	282	4,988	5,498	7,209	8,455	53,339
1902	2,969	50,524	345	6,683	5,274	7,455	8,588	64,662
1903	3,606	60,481	355	8,231	5,879	7,841	9,840	76,553
1904	3,632	67,067	441	9,111	5,973	7,977	10,046	84,155
1905	3,361	66,833	537	10,457	5,805	8,718	9,703	86,008
1906	3,929	76,701	359	10,764	6,330	10,241	10,618	97,706
1907	4,534	87,644	610	13,041	6,695	10,331	11,839	111,016
1908[1]	3,405	82,487	381	11,556	6,402	10,187	10,188	104,230
1909[1]	2,610	75,006	253	10,311	5,859	10,309	8,722	95,626

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

No. 181.—RAILROAD ACCIDENTS: NUMBER OF EMPLOYEES, TRAINMEN, AND PASSENGERS FOR ONE KILLED AND NUMBER FOR ONE INJURED, 1891 TO 1909.

[From the statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Number of employees for one—		Number of trainmen for one—		Number of passengers for one—	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1891	296	30	104	10	1,811,642	178,604
1892	322	29	113	10	1,491,910	173,833
1893	320	28	115	10	1,985,153	183,822
1894	428	33	156	12	1,668,791	178,210
1895	433	31	155	11	2,984,832	213,651
1896	444	28	152	10	2,827,474	178,132
1897	486	30	165	12	2,204,708	175,115
1898	447	28	150	11	2,267,270	170,141
1899	420	27	155	11	2,189,023	151,998
1900	399	26	137	11	2,316,591	139,736
1901	400	26	136	13	2,153,469	121,748
1902	401	24	135	10	1,883,706	97,244
1903	364	22	123	10	1,957,441	84,424
1904	357	19	120	9	1,622,267	78,523
1905	411	21	133	9	1,375,856	70,655
1906	387	20	124	8	2,222,691	74,131
1907	369	19	125	8	1,432,631	67,012
1908[1]	422	17	150	8	2,335,983	77,017
1909[1]	576	20	205	9	3,523,606	86,458

[1] See note 1, p. 268.

No. 182.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: NUMBER AND MILEAGE, 1876 TO 1910.

[From the Railway Age, Chicago.]

Calendar year.	Placed under receivership.			Sold under foreclosure.		
	Number of roads.	Miles.	Stocks and bonds.	Number of roads.	Miles.	Stocks and bonds.
			Dollars.			*Dollars.*
1876	42	6,662	467,000,000	30	3,840	217,848,000
1877	38	3,637	220,294,000	54	3,875	198,984,000
1878	27	2,320	92,385,000	48	3,906	311,631,000
1879	12	1,102	39,367,000	65	4,909	243,288,000
1880	13	885	140,265,000	31	3,775	263,882,000
1881	5	110	3,742,000	29	2,617	137,923,000
1882	12	912	39,074,000	16	867	65,426,000
1883	11	1,990	108,470,000	18	1,354	47,100,000
1884	37	11,038	714,755,000	15	710	23,504,000
1885	44	8,386	385,460,000	22	3,156	278,394,000
1886	13	1,799	70,346,000	45	7,687	374,109,000
1887	9	1,046	90,318,000	31	5,478	328,181,000
1888	22	3,270	186,814,000	19	1,596	64,555,000
1889	22	3,803	99,664,000	25	2,930	137,815,000
1890	26	2,963	105,007,000	29	3,825	182,495,000
1891	26	2,159	84,479,000	21	3,223	169,069,000
1892	36	10,508	357,692,000	28	1,922	95,898,000
1893	74	29,340	1,781,046,000	25	1,613	79,924,000
1894	38	7,025	395,791,000	42	5,643	318,999,000
1895	31	4,089	369,075,000	52	12,831	761,791,000
1896	34	5,441	275,597,000	58	13,730	1,150,377,000
1897	18	1,537	92,909,000	42	6,675	517,680,000
1898	18	2,069	138,701,000	47	6,054	252,910,000
1899	10	1,019	52,285,000	32	4,294	267,534,000
1900	16	1,165	78,234,000	24	3,477	190,374,000
1901	4	73	1,627,000	17	1,139	85,808,000
1902	5	278	5,835,000	20	693	39,788,000
1903	9	229	18,823,000	13	555	15,885,000
1904	8	744	36,069,000	13	524	28,266,000
1905	10	3,593	176,321,000	6	679	20,307,000
1906	6	204	55,042,000	8	262	10,400,000
1907	7	317	13,585,000	6	114	13,777,000
1908	24	8,009	596,359,000	3	138	2,547,000
1909	5	859	78,095,000	12	2,629	250,033,000
1910	7	735	51,427,500	17	1,100	93,660,109
Total	719	129,233	7,421,953,500	963	117,820	7,240,162,109

No. 183.—STREET AND ELEVATED RAILWAYS, 1909:[1] MILEAGE, NUMBER OF CARS, AND CAPITALIZATION, BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From the Street Railway Journal.]

State or Territory.	Number of companies.	Electric railways, track mileage.	Number of cars.	Capital stock.	Funded debt.
				Dollars.	*Dollars.*
Alabama	11	302	604	15,005,000	15,468,000
Arizona	5	42	39	760,000	100,000
Arkansas	8	100	252	4,451,800	4,663,000
California	55	2,537	4,249	168,458,100	111,936,200
Colorado	17	535	1,090	28,161,700	22,220,000
Connecticut	13	1,037	2,477	22,322,300	38,769,400
Delaware	4	75	171	4,350,000	6,524,000
District of Columbia	10	393	1,463	45,048,300	35,498,518
Florida	11	153	223	5,132,000	3,388,500
Georgia	18	430	715	26,790,094	23,775,000
Idaho	5	150	120	2,784,000	1,913,000
Illinois	79	3,034	7,840	189,501,960	223,813,857
Indiana	50	2,328	2,448	102,310,280	82,479,050
Iowa	29	765	1,005	36,248,300	29,402,000
Kansas	17	295	350	7,493,295	6,011,000
Kentucky	12	460	1,105	26,542,400	23,517,000
Louisiana	8	254	697	55,768,300	34,435,808
Maine	18	495	760	11,167,113	14,174,000
Maryland	12	560	2,070	25,712,050	58,005,000
Massachusetts	66	2,985	10,520	90,773,050	67,478,500
Michigan	26	1,445	2,440	39,984,500	56,048,000
Minnesota	10	560	895	31,517,000	23,098,000
Mississippi	10	100	178	3,333,370	4,382,000
Missouri	27	1,090	2,560	88,889,500	96,936,000
Montana	7	107	143	2,979,615	1,660,000
Nebraska	8	235	515	12,631,000	10,553,000
Nevada	2	11	12	1,042,000	130,000
New Hampshire	20	297	430	7,108,132	4,467,000
New Jersey	51	1,320	2,970	96,177,230	101,198,600
New Mexico	2	11	11	300,000	350,000
New York	155	4,750	18,500	475,964,240	524,005,307
North Carolina	14	150	273	6,622,500	5,438,000
North Dakota	3	18	50	314,980	300,000
Ohio	100	4,245	5,780	224,443,998	133,277,540
Oklahoma	15	215	230	6,848,800	4,013,500
Oregon	12	391	789	26,300,000	30,899,000
Pennsylvania	175	4,215	9,370	314,016,360	222,638,456
Rhode Island	11	461	1,185	26,512,300	17,316,000
South Carolina	7	140	185	4,369,280	5,330,000
South Dakota	3	30	12	600,000	50,000
Tennessee	11	360	755	25,949,900	28,008,000
Texas	33	615	872	28,673,200	20,586,000
Utah	4	200	340	6,737,500	5,921,000
Vermont	10	114	150	4,330,500	3,751,500
Virginia	23	470	880	28,136,650	31,191,100
Washington	18	900	1,980	48,378,100	36,087,000
West Virginia	22	316	520	15,122,700	12,811,500
Wisconsin	25	790	916	31,797,000	45,781,900
Wyoming	1	5	14	75,000	.....
Total, 1909	1,253	40,490	91,153	2,427,935,397	2,224,800,236
Geographical divisions.[2]					
New England States	138	5,389	15,522	162,213,395	145,956,400
Eastern States	452	12,098	35,944	1,004,527,530	991,872,481
Central States	358	14,717	24,989	771,234,938	714,353,347
Southern States	98	1,989	3,882	147,422,244	119,888,308
Western States	207	6,297	10,816	342,537,290	252,729,700
1901	1,062	22,217	65,900	1,360,712,238	1,055,451,817
1902	1,110	25,592	70,006	1,522,068,760	1,272,269,491
1903	1,187	27,754	74,298	1,692,788,298	1,389,464,349
1904	993	29,548	75,804	1,761,571,812	1,455,520,159
1905	1,081	32,517	79,751	1,844,565,136	1,524,371,926
1906	1,164	36,212	84,732	2,039,948,875	1,725,369,000
1907	1,238	38,812	87,204	2,251,425,882	1,872,408,516
1908	1,252	40,247	89,216	2,441,892,057	2,112,244,086

[1] The reports from which this table is made up are rendered at different dates.

[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. 184.—EXPRESS COMPANIES: SUMMARY OF REVENUE TONNAGE, APRIL, AUGUST, AND DECEMBER, 1909.[1]

[From report of the Interstate Commerce Commission.]

Item.	April.	August.	December.	Total or av'age.
Pieces weighing 100 pounds or less:				
Number of pieces	20,951,305	21,242,169	25,276,014	67,469,488
Aggregate weight.....pounds	512,288,348	640,699,767	572,203,515	1,725,191,630
Average weight per piece....do	24.46	30.16	22.64	25.57
Revenue.....dollars	9,481,154.44	8,406,155.54	12,119,435.84	30,006,745.82
Average revenue per piece..cents	45.25	39.57	47.95	44.47
Average revenue per pound..do	1.85	1.31	2.12	1.74
Pieces weighing over 100 pounds:				
Number of pieces	981,663	1,182,768	1,342,220	3,506,651
Aggregate weight.....pounds	158,778,538	187,169,775	217,864,859	563,813,172
Average weight per piece....do	161.74	158.25	162.32	160.78
Revenue.....dollars	1,522,922.38	1,606,251.89	2,120,904.34	5,250,078.61
Average revenue per piece...cents	155.14	155.80	158.01	149.72
Average revenue per pound...do	.96	.86	.97	.93
Extraordinary shipments:				
Number of pieces	14,625	10,719	11,812	37,156
Aggregate weight.....pounds	14,147,711	13,886,691	12,302,988	40,337,390
Average weight per piece....do	967.36	1,295.52	1,041.57	1,085.62
Revenue.....dollars	228,240.96	193,615.11	177,871.06	599,727.13
Average revenue per piece...cents	1,560.62	1,806.28	1,505.85	1,614.08
Average revenue per pound..do	1.61	1.39	1.45	1.49
Total, all shipments:				
Number of pieces	21,947,593	22,435,656	26,630,046	71,013,295
Aggregate weight.....pounds	685,214,597	841,756,233	802,371,362	2,329,342,192
Average weight per piece....do	31.22	37.52	30.13	32.80
Revenue.....dollars	11,232,317.78	10,206,022.54	14,418,211.24	35,856,551.56
Average revenue per piece...cents	51.18	45.49	54.14	50.49
Average revenue per pound..do	1.64	1.21	1.80	1.54
Ratios of items to corresponding totals:				
Number—	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*
Pieces weighing 100 lbs. or less	95.46	94.68	94.92	95.01
Pieces weighing over 100 lbs	4.47	5.27	5.04	4.94
Extraordinary shipments	.07	.05	.04	.05
Weight—				
Pieces weighing 100 lbs. or less	74.76	76.11	71.32	74.06
Pieces weighing over 100 lbs	23.17	22.24	27.15	24.21
Extraordinary shipments	2.07	1.65	1.53	1.73
Revenue—				
Pieces weighing 100 lbs. or less	84.41	82.36	84.06	83.69
Pieces weighing over 100 lbs	13.56	15.74	14.71	14.64
Extraordinary shipments	2.03	1.90	1.23	1.67

[1] Includes combined returns for the following express companies: Adams, American, Canadian, Canadian Northern, Globe, Great Northern, Long Island, National, Northern, Pacific, Southern, United States Wells Fargo & Co., and Western. Though the figures would vary for the several months and for the same months from year to year, those given may be accepted as fairly portraying the traffic conditions under which express companies operate. April returns for the Adams, Wells Fargo & Co., and Western exclude returned empty carriers and corresponding returns for Pacific, Southern, and United States exclude a portion of such carriers.

No. 185.—EXPRESS COMPANIES: CLASSIFICATION OF MILEAGE COVERED BY OPERATIONS, JUNE 30, 1909.

[From report of the Interstate Commerce Commission.]

Company.	Steam road.	Electric line.	Steamboat line.	Stage line.	Total.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Adams Express Co	30,676.00	196.00	3,405.00	83.00	34,360.00
American Express Co	45,668.08	475.70	2,058.50	22.50	48,224.78
Canadian Express Co	6,964.27	66.00	737.00	27.00	7,794.27
Canadian Northern Express Co	3,107.62	22.00	.....	.....	3,129.62
Globe Express Co	1,899.85	.....	.....	.....	1,899.85
Great Northern Express Co	7,031.57	169.59	211.00	.....	7,412.16
National Express Co	1,416.25	6.00	292.00	.....	1,714.25
Northern Express Co	6,488.75	8.00	261.00	.....	6,757.75
Pacific Express Co	21,721.20	343.00	608.34	.....	22,672.54
Southern Express Co	30,936.00	80.00	2,165.00	.....	33,181.00
United States Express Co	20,286.34	3,604.96	314.70	.....	24,206.00
Wells Fargo & Co	59,316.90	1,458.76	4,081.65	861.12	65,698.43
Western Express Co	3,448.39	4.00	4.00	.....	3,456.39
Total	238,961.22	6,414.01	14,138.19	993.62	260,507.04

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION.

[From report of the Inland Waterways Commission, prepared and revised by the Bureau of Corporations, Department of Commerce and Labor.]

RIVERS TRIBUTARY TO THE ATLANTIC OCEAN.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
St. Croix, Me	Mouth to Calais, Me	11.0	[1] 19.0	
Narraguagus, Me	Mouth to Cherryfield, Me	7.0	4.0	52,750
Union, Me	Union Bay to Ellsworth, Me	3.75	6.0	18,293
Penobscot, Me	Mouth to Bangor, Me	27.0	11.0	848,872
Georges, Me	Mouth to Thomaston, Me	1.0	16.0	25,300
Bagaduce, Me	Mouth at Castine, Me			
Northern Bay	South Penobscot, Me	14.5	4.0	118,050
South Bay	Johnsons Narrows, Me			
Kennebec, Me	Mouth to Augusta, Me	44.0	10.0	400,735
Songo, Me	Sebago Lake, Me., to Long Pond, Me	7.0		
Damariscotta, Me	Mouth to New Castle and Damariscotta, Me.	15.0	5.0	No data.
Saco, Me	Mouth to Biddeford, Me	5.0	3.5	48,537
Kennebunk, Me	Mouth to Kennebunk Port, Me	1.16	4.0	2,000
Cocheco, N. H	Mouth to Dover, N. H	13.0	6.5	182,930
Exeter, N. H	Mouth to Exeter, N. H	8.3	11.0	No data.
Otter Creek, Vt	Mouth to Vergennes, Vt	8.0	8.0	7,180
Merrimac, Mass	Mouth to Haverhill, Mass	17.5	7.0	88,324
Powow, Mass	Mouth to Amesbury, Mass	5.0	12.0	[2] 10,000
Essex, Mass	Mouth to Essex, Mass	5.0	1-3 or 4	No data.
Mystic, Mass	Confluence with Charles River to Medford, Mass.	6.0	1.3	31,344
Malden, Mass	Confluence with Mystic to Malden, Mass	1.6	[1] 12.0	79,690
Charles, Mass	Boston to Watertown, Mass	9.0	6.0	107,428
Chelsea Creek, Mass	Confluence with Mystic to Boston and Maine R. R.	2.7	14.0	4,736
Weymouth Fore, Mass	Mouth to East Braintree, Mass	6.2	6.0	158,857
Weymouth Back, Mass	Confluence with Town River to East Braintree, Mass.	4.0	10.0	145,933
Town, Mass	Confluence with Weymouth Fore to Quincy, Mass.	1.5	4.0	23,050
Taunton, Mass	Mouth to Taunton, Mass	13.5		638,100
Providence, R. I	Mouth to Providence, R. I	7.0	25.0	3,244,248
Pawtucket, R. I	Pawtucket to Providence, R. I	4.0	12.0	286,637
Pawcatuck, R. I.-Conn	Westerly, R. I., to Stonington, Conn	7.5	6.0	167,668
Thames, Conn	Mouth to Norwich, Conn	15.0	14.0	446,004
Connecticut, Conn	Mouth to Hartford, Conn	50.0	10.0	673,383
West, Conn	New Haven to West Haven, Conn	1.5	9.0	113,486
Housatonic, Conn	Mouth to Derby, Conn	13.0	6.0	67,938
Saugatuck, Conn	Mouth to Westport, Conn	4.5	4.0	27,845
Norwalk, Conn	Mouth to Norwalk, Conn	3.0	6.0	236,015
East River, N. Y	Battery to Throgs Neck	16.0	26.0	
Bronx, N. Y	East River to West Farms	3.0	3.0	181,093
Harlem, N. Y	East River to Hudson River	8.0	15.0	9,998,021
Hudson, N. Y	Mouth to state dam at Troy, N. Y	153.0		
	New York to Coxsackie, N. Y	125.0	12.0	[3] 81,600 [4] 74,546 [5] 71,201
	Coxsackie to Troy, N. Y	28.0	11.0	[6] 3,310,628
Wappinger Creek, N. Y	Mouth (New Hamburg, N. Y.) to print works of The Dutchess Co.	2.0	7.0	49,562
Newtown Creek, N. Y	Mouth to Metropolitan avenue	4.0	18.0	3,428,404
Browns Creek, N. Y	Mouth to Sayville highway bridge	1.2	3.0	51,675
East Chester Creek, N. Y	Mouth to 3,000 feet above Lockwoods	2.75	[1] 9.0	206,275
Passaic, N. J	Mouth to Passaic, N. J	16.0	5.0	2,567,000
Woodbridge Creek, N. J	Mouth to highway bridge	2.375	6.0	160,194
Matawan Creek, N. J	Mouth to bridge of New York and Long Branch R. R.	2.0	4.0	58,471
Raritan, N. J	Mouth to New Brunswick, N. J	12.0	10.0	605,197
South, N. J	Mouth to Oldbridge, N. J	6.3	6.0	260,204
Elizabeth, N. J	Mouth to Elizabeth, N. J	2.75	[1] 4.0	28,887
Shoal Harbor and Compton Creek, N. J.	Mouth to railroad bridge	1.0	3.5	34,340
Cheesequake Creek, N. J	Mouth to point on creek	3.5	4.0	45,500
Shrewsbury, N. J		17.0		
North Branch	Mouth to Red Bank		5.0	1,768,500
South Branch	Mouth to Branchport		5.0	
Manasquan, N. J	Mouth to point on river	7.25	2.0	
Rancocas, N. J	Mouth to forks	7.5	5.0	[7] 462,971
Mount Holly Branch		5.5	2.5	
Lumberton Branch		3.6	6.0	

[1] High water. [2] 1904. [3] Saugerties. [4] Peekskill. [5] Tarrytown. [6] Commerce within limits of improvements. [7] 1903.

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION—Continued.

RIVERS TRIBUTARY TO THE ATLANTIC OCEAN—Continued.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
Cooper Creek, N. J.	Mouth to point on creek	9.0	5.0	[1] 414,838
Mantua Creek, N. J.	Mouth to Mantua, N. J.	11.25	2.5	[1] 136,105
Alloway Creek, N. J.	Mouth to Quinton, N. J.	10.0	5.5	60,150
Tuckerton Creek, N. J.	Mouth to Tuckerton, N. J.	3.0	2.5	15,417
Raccoon Creek, N. J.	Mouth to Swedesboro, N. J.	8.75	5.0	203,317
Delaware, N. J.-Pa.-Del.	Mouth (Bombay Hook Point to Cohansey Lighthouse) to Trenton, N. J. (information furnished by Coast and Geodetic Survey).	82.0	6.0	[2] 8,545,135 [3] 12,205,752
Schuylkill, Pa.	Mouth to Gibsons Point, Pa.	4.0	20.0	.....
Christiana, Del.	Mouth to Newport	8.0	6.0	752,809
Smyrna, Del.	*Mouth to point on river*	9.0	6.0	204,731
St. Jones, Del.	Mouth to Dover, Del.	21.0	1.5	89,018
Appoquinimink, Del.	Mouth to Odessa, Del.	8.25	4.0	31,700
Murderkill, Del.	Mouth to Frederica, Md.	9.0	6.0	31,885
Mispillion, Del.	Mouth to Milford, Del.	12.0	3.0	121,687
Broad Creek, Del.	Mouth to Laurel, Del.	7.5	6.5	No data.
Susquehanna, Md.	Mouth to Port Deposit, Md.	5.0	11.0	135,293
Patapsco, Md.	Mouth to Baltimore	11.0	30.0	[4] 8,277,098
Elk, Md.	Mouth to Elkton, Md.	16.0	3.5	26,446
Chester, Md.	Mouth to Jones Landing, Md.	39.25	5.0	49,163
Choptank, Md.	Mouth to Greensboro, Md.	46.0	7.0	212,725
Warwick (Secretary Creek), Md.	Mouth to Secretary Landing, Md.	2.0	9.0	66,631
Pocomoke, Md.	Mouth to Snow Hill, Md.	28.0	9.0	67,165
La Trappe (Dividing Creek), Md.	Mouth to Trappe Landing, Md.	3.0	6.5	13,848
Manokin, Md.	Mouth to Princess Anne, Md.	12.0	3.0	[5] 32,076
Tyaskin Creek (Wetipquin Creek), Md.	Mouth to Tyaskin, Md.	5.0	8.0	856
Wicomico, Md.	Mouth to Salisbury, Md.	23.0	9.0	202,510
Patuxent, Md.	Mouth to Bristol Landing, Md.	46.0	9.5	No data.
Nanticoke, Md.-Del.	Mouth to Seaford, Del.	36.0	9.0	121,769
Potomac, D. C.-Va.	Mouth to Washington, D. C.	113.0	18.0	1,476,500
Anacostia (Eastern Branch) D. C.	Mouth to Bladensburg, Md.	8.75	[6] 19.0	297,699
Rappahannock, Va.	Mouth to Fredericksburg, Va.	106.0	7.5	430,626
Urbana Creek, Va.	Mouth to point on river	4.0	8.5	.....
York, Va.	Mouth to West Point, Va.	41.0	20.0	[7] 379,808
Mattaponi, Va.	West Point to Aylett, Va.	39.0	2.4	[8] 43,400
Pamunkey, Va.	West Point to Hanovertown, Va.	59.0	2.2	[9] 44,000
James, Va.	Mouth to Richmond, Va.	103.8	16.0	[10] 288,745 [11] 316,017
Chickahominy, Va.	Mouth to Forge Bridge, Va.	32.0	8.0	.....
Appomattox, Va.	Mouth to Petersburg, Va.	11.0	[12] 9.0	53,282
Staunton, Va.	Pig Station to Randolph Station	84.0	2.0	.....
Dan, Va.	.....	77.0	1.5	.....
Occoquan Creek, Va.	Mouth to Occoquan, Va.	6.0	5.5	109,490
Nandua Creek, Va.	Mouth to Nandua wharf, Va.	4.0	6.0	[8] 5,119
Aquia Creek, Va.	Mouth to Wharton Landing, Va.	7.5	6.0	([13])
Carters Creek, Va.	Mouth to 1 mile beyond Irvington, Va.	2.5	5.0	43,955
Nomini Creek, Va.	Mouth to 2 miles above Nomini Ferry, Va.	6.0	9.0	11,455
Pagan, Va.	Mouth to Smithfield, Va.	9.0	10.0	82,207
Nansemond, Va.	Mouth to Suffolk, Va.	18.0	11.0	77,204
Elizabeth, Va.	From Hampton Roads to confluence of Southern and Eastern Branches.	9.0	28.0	12,323,657
Southern Branch	Mouth to lock in canal	11.0	28-10	
Eastern Branch	Mouth to point on river	5.0	22.0	
Western Branch	do	9.0	20 to 4	
North Landing, N. C.	Mouth to A. & C. Canal	19.0	9.0	.....
North, N. C.	do	12.0	9.0	88,580
Pasquotank, N. C.	Mouth to Turners Crib, N. C.	30.5	9.0	.....
Perquimans, N. C.	Mouth to Newbys Bridge, N. C.	26.0	.....	[14] 50,375
Chowan, N. C.	Mouth to point on river	50.0	9.0	.....
Meherrin, N. C.	Mouth to Murfreesboro	9.7	7.0	.....
Blackwater, Va.	Mouth to Franklin, Va.	11.0	8.5	.....
Nottoway, Va.	Mouth to Monroe Ferry	12.0	4 to 5	.....
Roanoke, N. C.	Mouth to Weldon, N. C.	120.0	4.0	[15] 9,055
Scuppernong, N. C.	Mouth to Sprulls Bridge, N. C.	23.0	7.0	55,137
Fishing Creek, N. C.	Mouth to Beech Swamp, N. C.	17.5	2.0	2,306
Alligator, N. C.	Mouth to point on river	30.0	6 to 11	.....
Pamlico and Tar, N. C.	Mouth to Dunbars Bridge, N. C.	108.0	2.5-8.5	567,331

[1] 1903.
[2] Arrivals.
[3] Departures.
[4] Fiscal year ending June 30, 1906.
[5] 1896.
[6] Mouth to navy-yard bridge.
[7] 1894.
[8] 1904.
[9] 1899.
[10] At Richmond.
[11] At other points.
[12] High water.
[13] 18,000 to 20,000 tons annually.
[14] Estimated.
[15] Not complete.

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION—Continued.

RIVERS TRIBUTARY TO THE ATLANTIC OCEAN—Continued.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
Contentnia Creek, N. C.	Mouth to Speights Bridge, N. C.	[1] 50.5	3.0	21,830
Neuse, N. C.	Mouth to Waynesboro Landing, N. C.	136.0	1.0	469,399
Trent, N. C.	Mouth to Trenton, N. C.	38.0	3.0	262,135
New, N. C.	Mouth to Tar Landing, N. C.	26.0	4.0	15,798
Northeast, N. C.	Mouth to Kornegays Bridge, N. C.	103.0	3.0	111,979
Black, N. C.	Mouth to Lisbon, N. C.	74.0	1.5	68,635
Cape Fear, N. C.	Mouth to Fayetteville, N. C.	145.0	2.0-20.0	1,010,897
Waccamaw, N. C.-S. C.	Mouth to Waccamaw Lake, N. C.	147.0	2.0	207,630
Little Pedee, S. C.	Mouth to Little Rock, S. C.	113.0	[2] 3.0	87,985
Pedee, S. C.	Mouth to Cheraw, S. C.	172.0	2.0	148,869
Lumber, S. C.	Mouth to Lumberton, S. C.	70.0	.....	.....
Santee, S. C.	Mouth to confluence of Congaree and Wateree rivers.	143.0	4.0	329,350
Wateree, S. C.	Mouth to Camden, S. C.	67.0	4.0	22,000
Congaree, S. C.	Mouth to Columbia, S. C.	51.0	4.0	34,350
Cooper, S. C.	Mouth to Strawberry Ferry, S. C.	30.0	15.0	.....
Ashley, S. C.	Mouth to Lambs, S. C.	13.0	13.0	.....
Edisto, S. C.	Mouth to Guignord Landing, S. C.	260.0	.....	[3] 177,000
South Edisto, S. C.	.....	11.0	.....	.....
Beaufort, S. C.	Beaufort to Coosaw River, S. C.	11.0	7.0	[4] 7,881
Savannah, Ga.	.....	250.0	.....	
	Savannah to Augusta	.....	3.0	55,700
	Augusta to Petersburg, Ga.	.....	([5])	
Ogeechee, Ga.	Mouth to railroad bridge	20.0	8.0	.....
Altamaha, Ga.	Mouth to Forks	131.0	2.0	13,000
Oconee, Ga.	Mouth to Milledgeville, Ga.	147.0	1.5	20,370
Ocmulgee, Ga.	Mouth to Macon, Ga.	202.0	2.0	23,945
Satilla, Ga.	Mouth to Balleys Mills	50.0	.....	.....
	Mouth to Satilla Bluff	24.0	16.0	.....
St. Marys, Fla.-Ga.	Fernandina, Fla., to St. Marys, Ga.	97.0	[2] 14.0	.....
St. Johns, Fla.	Mouth to Lake Washington, Fla.	276.0	2.0-20.0	[6] 1,406,647 [7] 1,517,809
Oklawaha, Fla.	Mouth to Leesburg, Fla.	94.0	[2] 4.0	[8] 4,530
Indian, Fla.	Goat Creek to Jupiter Inlet	100.0	2.0	[9] 91,875

RIVERS TRIBUTARY TO THE GULF OF MEXICO (EXCLUSIVE OF THE MISSISSIPPI AND ITS TRIBUTARIES).

Kissimmee, Fla.	Kissimmee to Fort Bassinger	99.5	1.25	9,911
Caloosahatchee, Fla.	Puntarasa to Fort Thompson	59.5	4.0	9,577
Orange, Fla.	Mouth to Middle Bridge, Fla.	4.0	4.0	2,074
Peace, Fla.	Mouth to point on river	26.0	[2] 6.0	No data.
Manatee, Fla.	Mouth to Rye, Fla.	20.0	4.0	49,644
Anclote, Fla.	Mouth to Tarpon Springs, Fla.	5.0	4.0	31,050
Crystal, Fla.	Mouth to Crystal River, Fla.	9.0	6.0	7,474
Withlacoochee, Fla.	Mouth to Pembertons Ferry, Fla.	77.0	2.0	249,884
Suwanee, Fla.	Mouth to Ellaville, Fla.	135.0	4.0	[4] 7,658
Ocklockonee, Fla.	Mouth to point on river	40.0	4.0	.....
Apalachicola, Fla.	Mouth to confluence of Flint and Chattahoochee rivers.	137.0	6.0	.....
Upper Chipola, Fla.	Dead Lakes to Sister Islands, Fla.	35.0	2.0	1,758
Flint, Ga.	Mouth to Albany, Ga.	105.0	[2] 3.0	.....
Chattahoochee, Fla.-Ga.-Ala.	Chattahoochee, Fla., to Columbus, Ga.	223.0	4.0	.....
Choctawhatchee, Fla.-Ala.	Mouth to Holmes River	33.0	3.0	.....
Holmes, Fla.	Mouth to Vernon, Fla.	25.0	.....	.....
Blackwater, Fla.	Mouth to Milton, Fla.	4.0	7.0	.....
Escambia, Fla. Conecuh, Ala.	Mouth to Patsahiga Creek, Ala.	193.0	3.0	.....
Alabama, Ala.	Mouth to confluence of Coosa and Tallapoosa rivers.	312.0	3.0-5.0	[10] 130,000
Coosa, Ala.-Ga.	Mouth to Rome, Ga.	[11] 198.0	2.0	82,720
Oostenaula, Ga. Coosawattee, Ga.	Mouth to Carters, Ga.	105.0	2.0	.....
Mobile, Ala.	Mouth to confluence of the Alabama and Tombigbee rivers.	45.0	14.0	.....
Tombigbee, Ala.-Miss.	Mouth to Columbus, Miss.	341.0	3.0	286,000
Warrior, Ala.	Demopolis to Tuscaloosa, Ala.	140.0	6.0	[12] 25,791
Black Warrior, Ala.	Tuscaloosa to Daniels Creek, Ala.	14.5	6.0	15,405
Pascagoula, Miss.	Mouth to Cedar Creek, Miss.	55.0	5.0	[11] 211,000 [13] 861,118

[1] Snow Hill, 31½ miles from mouth of river, is practically head of navigation. During high water boats can go to Speights Bridge.
[2] Depth for only a part of the navigable length given.
[3] Fiscal year 1894-95.
[4] 1904.
[5] Flatboat navigation.
[6] Mouth to Jacksonville.
[7] Entire river.
[8] 1901.
[9] 1902.
[10] Estimated.
[11] Above Dog River.
[12] Not including 117 miles between Wetumpka and Lock 4, which is not navigable.
[13] Mouth to Dog River.

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION—Continued.

RIVERS TRIBUTARY TO THE GULF OF MEXICO (EXCLUSIVE OF THE MISSISSIPPI AND ITS TRIBUTARIES)—Continued.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
Chickasahay, Miss	Mouth to Shubuta, Miss	130.0	0.5	51,400
Leaf, Miss	Mouth to Bowie Creek	75.0	2.5	211,550
Pearl, Miss	Mouth to Rockport, Miss	246.0	2.0	31,192
	Rockport to Jackson, Miss	67.0	2.0	
	Jackson to Edinburg, Miss	126.0	.25	
Bogue Chitto, La	Mouth to point on river	84.0	2.5	[1] 49,725
Chefuncte and Bogue Falia, La.	Mouth to Covington, La	16.0	7.0	222,494
Tickfaw, La	Mouth to Kemps Landing	18.0	9.0	45,429
Blood River, La	Mouth to S. Tuckers Landing	4.0	9.0	
Natalbany, La	Mouth to Springfield, La	12.0	9.0	
Ponchatoula, La	Mouth to Wadesboro, La	5.0	9.0	
Amite, La	Mouth to Hope Villa, La	52.0	6.0	43,371
Bayou Manchac, La				
Bayou Plaquemine, La				
Grand River, La	Plaquemine, La., to Grand River, La	11.0	.....	706,000
Pigeon Bayou, La				
Bayou Teche, La	Mouth to St. Martinsville, La	75.0	4.0	701,243
Bayou La Fourche, La	Mouth to Donaldsonville, La	105.0	3.0	94,320
Bayou Terrebonne, La	Mouth to Houma, La	23.0	4.0	.....
Atchafalaya, La	Mouth to Old River (Red River, La.)	156.0	.....	.....
Mermentau and tributaries, La	Mouth to 2 miles above Mermentau	70.0	4.0	42,413
Bayou Nezpique	Mouth to Viterboville, La	25.0	4.0	
Bayou Plaquemine Brule	Mouth to point on bayou	10.0	4.0	
Bayou Des Cannes	do	10.0	4.0	
Vermilion Bayou, La	Mouth to Broussards Landing, La	46.0	2.5	28,092
Calcasieu, La	Mouth to Jones Bluff, La	58.0	3.5–12.0	295,067
Johnsons Bayou, La	.....	.....	6.0	[1] 4,574
Sabine, Tex	Mouth to point on river	64.0	5.0	198,210
Neches, Tex	Mouth to Beviipport	135.0	3.0	253,504
Trinity, Tex	Mouth to Dallas, Tex	511.0	.....	.....
Brazos, Tex	Mouth to Hidalgo Falls, Tex	260.0	4.0	8,925
San Jacinto, Tex	Galveston to Houston, Tex	27.0	7.5	104,907
Buffalo Bayou, Tex				
Rio Grande, Tex	Mouth to Brownsville, Tex	50.0	4.0	.....

MISSISSIPPI RIVER AND TRIBUTARIES.

Mississippi: Minn., Wis., Iowa, Ill., Mo., Ky., Tenn., Ark., Miss., La.	Mouth to Cass Lake, Minn	[2,429.5]	.....	(2)
	New Orleans to Vicksburg	362.0	(3)	(2)
	Vicksburg to Memphis	369.0	(3)	(2)
	Memphis to Cairo, Ill	230.0	(3)	(2)
	Cairo, Ill., to St. Louis, Mo	200.0	(3)	(2)
	St. Louis to Illinois River	39.0	4.5	4,089,318
	Illinois River to Keokuk, Iowa	163.0	4.5	
	Keokuk, Iowa, to St. Paul, Minn	527.0	4.5	
	St. Paul to Minneapolis, Minn	[4] 6.0	2.0	.....
	Minneapolis to Cass Lake	[5] 354.0	3.0	1,586,000
Red, La	Mouth to Denison, Tex	800.0	[6] 2.0	[7] 163,263
Black, La	Mouth to Trinity, La	56.0	67–3.5	[7 8] 233,912
Ouachita, La	Trinity to Arkadelphia, Ark	380.0		
Bayou Bartholomew, La.[9]	Mouth to McComb Landing, La	141.0	.....	[10] 13,147
Boeuf, La.[9]	Mouth to Point Jefferson, La	150.8	.....	[11] 5,839
Tensas, La.[9]	Mouth to Westwood Place, La	81.0	.....	[12] 14,251
Bayou Macon, La.[9]	Mouth to Lane Ferry, La	132.0	.....	
Bayous D'Arbonne and Corney, La.[9]	Mouth to Cobb Landing, La	57.0	.....	[13] 9,072
Little, La.[9]	Mouth to Lake Catahoula, La	25.0	.....	.....

[1] 1904.
[2] See Table No. 187.
[3] The Mississippi River Commission endeavors to maintain a channel with a least depth of 9 feet at low water and 250 feet wide between St. Louis and New Orleans.
[4] Total distance, 10 miles.
[5] Total distance, 434 miles; navigation interrupted by rapids and fixed dams for 79.5 miles.
[6] Depth for only a part of the navigable length given.
[7] Fiscal year 1906.
[8] Average for 17 years, 178,429 tons.
[9] All these streams are tributary to the Ouachita River and are not navigable for steamboats at low water. Improvement has enabled larger boats to run and to make trips in less time than was required formerly, lengthened the period of navigation, and resulted in lower rates of freight.
[10] Average for 17 years; maximum in 1891, 49,299 tons; minimum in 1905, 2,007 tons.
[11] Average for 17 years; maximum in 1897, 11,261 tons; minimum in 1903, 545 tons.
[12] Average for 17 years; maximum in 1905, 29,957 tons; minimum in 1903, 2,649 tons.
[13] Average for 17 years; maximum in 1906, 29,137 tons; minimum in 1903, 682 tons.

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION—Continued.

MISSISSIPPI RIVER AND TRIBUTARIES—Continued.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
Homochitto, Miss	Mouth to Yazoo and Mississippi Valley R. R. bridge.	60.0	2.5	
Big Black, Miss	Mouth to Baldwin Ferry, Miss	70.0		
Yazoo, Miss	Mouth to confluence of Yalobusha and Tallahatchie rivers.	173.0	3.5	18,879
Tallahatchie, Miss	Mouth to Batesville, Miss	180.0	3.0	
Big Sunflower, Miss	Mouth to Clarksdale, Miss	180.0	[1] 2.5	
Coldwater, Miss	Mouth to Yazoo Pass, Miss	80.0		
Arkansas, Ark	Mouth to Fort Gibson, Okla	463.0	2.0	[2] 103,214
White, Ark.-Mo	Mouth to Forsythe, Mo	505.0	1.33-3.0	[3] 100,083
Cache, Ark	Mouth to Grays Bridge, Ark	95.0	(4)	[5] 10,942
Black, Ark.-Mo	Mouth to Poplar Bluff, Mo	239.0	1.5	[5] 139,384
Current, Ark.-Mo	Mouth to Pittmans Landing, Mo	41.0	1.33	[5] 47,704
St. Francis, Ark.-Mo	Mouth to Wappapello, Mo	379.0		[5] 137,319
L'Anguille, Ark	Mouth to Marianna, Ark	24.0		
Obion, Tenn	Mouth to Obion, Tenn	69.0	3.0	30,555
Forked Deer, Tenn	Mouth to Dyersburg, Tenn	29.5	2.5	25,730
Ohio, Ill., Ind., Ohio, Ky., W. Va., Pa.	Cairo, Ill., to Pittsburg, Pa	[967.0]		13,163,656
	Cairo to Evansville, Ind		21.8-8.3	
	Evansville to Louisville, Ky		8.3-10.0	
	Louisville to Portsmouth, Ohio		12.7-9.7	
	Portsmouth, Ohio, to Parkersburg, W. Va.		9.7-6.4	
	Parkersburg to Davis Island dam		6.4-4.2	
	1. Cairo to Evansville, Ind	184.0		
	2. Evansville to Louisville	187.0		
	3. Louisville to Cincinnati	129.0		
	4. Cincinnati to Davis Island dam	462.0		
	5. Davis Island dam to Pittsburg	5.0	8.0	
Tennessee, Ky., Tenn., Ala	Mouth to Knoxville, Tenn	[652.0]		[6] 1,316,840
	Knoxville to Chattanooga, Tenn	188.0	1.5	[7] 486,406
	Chattanooga to Riverton, Ala	238.0	2.0	[8] 175,800
	Riverton to mouth	226.0	3.0	[9] 663,606
French Broad, Tenn	Mouth to Leadvale, Tenn	70.0	1.5	188,700
Little Pigeon, Tenn	Mouth to Catlettsburg, Ky	2.0	1.5	
Clinch, Tenn	Mouth to Clinton, Tenn	60.0	2.0	126,800
Hiwassee, Tenn	Mouth to Savannah Ford, Tenn	41.6	2.0	10,875
Holston, Tenn	Mouth to Ridleys Shoal	137.0		11,912
Cumberland, Ky.-Tenn	Mouth to Burnside, Ky	518.0		636,237
Wabash, Ill.-Ind	Mouth to Vincennes, Ind	126.7	1.67	[5] 3,991
Tradewater, Ky	Mouth to point on river	41.0	2.5	
White, Ind	Mouth to Petersburg, Ind	40.0	1.5	
Green and Barren, Ky	Mouth of Green River to Bowling Green, on Barren, and Mammoth Cave.	227.0	5.0	[5] 342,495
Rough, Ky	Mouth to Hartford, Ky	29.5	4.0	[5] 36,800
Kentucky, Ky	Mouth to Irvine, Ky	226.0	5.5	[10] 169,685
Big Sandy, Ky.-W. Va	Mouth to Louisa, Ky	27.0	6.0	148,623
Tug Fork	Louisa to Williamson, W. Va	58.0		
Levisa Fork	Louisa to Pikeville, Ky	85.5		
Muskingum, Ohio	Mouth to Dresden, Ohio	91.0	3.0	[2] 80,000
Kanawha, W. Va	Mouth to Loup Creek Shoals	90.0	6.0	1,613,889
Little Kanawha, W. Va	Mouth to Burnsville, W. Va	120.0	.5	106,510
Monongahela, Pa.-W. Va	Mouth to Fairmont, W. Va	131.0	7.0	[2] 11,447,444
Allegheny, Pa.-N. Y	Mouth to Olean, N. Y	255.0	1.4	2,864,445
	Harbor at Pittsburg	7.0	5.0	
Missouri, Mo.-Kans.-Nebr., Iowa-N. Dak.-S. Dak.-Mont.	Mouth to Fort Benton, Mont	2,284.8		396,391
	Great Falls, Mont., to Stubbs Ferry	130.0	2.0	
	Sioux City to Fort Benton		2.5	
Gasconade, Mo	Mouth to Arlington, Mo	107.0	2.5	29,837
Osage, Mo	Mouth to Warsaw, Mo	171.5	2.0	8,678
Yellowstone, Mont	Mouth to Glendive	98.0		
Galena, Ill		4.0		
Illinois, Ill	Mouth to La Salle, Ill	225.0	7.0	[11] 151,808
St. Croix, Wis.-Minn	Mouth to Taylors Falls, Minn	52.0	3.0	350,000
Minnesota, Minn	Mouth to Le Sueur, Minn	88.0	2.0	

[1] Depth for only a part of the navigable length given.
[2] 1906.
[3] Fiscal year 1906. During the same period 11,188 tons were carried over the upper White River.
[4] 8 to 10 inches.
[5] Fiscal year 1906.
[6] Net total traffic of the Tennessee River below Knoxville, excluding duplications in the traffic by sections given below.
[7] Above Chattanooga, Tenn.
[8] Between Chattanooga, Tenn., and Florence, Ala.
[9] Between Florence, Ala., and Paducah, Ky.
[10] Fiscal year.
[11] Average commerce through two locks.

No. 186.—NAVIGABLE STREAMS: POINTS CONNECTED, NAVIGABLE LENGTH, DEPTH AT LOW WATER, AND TRAFFIC MOVEMENT, IN 1905, BY NAME, LOCALITY, AND TRIBUTARY CONNECTION—Continued.

RIVERS FLOWING INTO CANADA.

Name of stream and locality.	Points connected.	Navigable length.	Depth at low water.	Traffic movement.
		Miles.	*Feet.*	*Short tons.*
Red River of the North, Minn.-N. Dak.	Belmont, N. Dak., to Canadian border	180.0	2.0	22,353
Red Lake, Minn.	Thief River Falls to and including Red Lake.	135.0	1.5	.....

RIVERS TRIBUTARY TO PACIFIC OCEAN.

Redwood Creek, Cal.	Mouth to Redwood, Cal.	1.0	3.0	47,677
San Joaquin, Cal.	*Mouth to Stockton, Cal.*	*200.0*	8.0	*373,189*
	Stockton to railroad crossing		3.0	
Mokelumne, Cal.	Mouth to Galt New Hope Bridge	20.0	2.0	.....
Sacramento, Cal.	Mouth to Red Bluff, Cal.	262.0	2.5	365,057
Feather, Cal.	Mouth to Marysville, Cal.	30.0	1.0-2.0	5,306
Petaluma Creek, Cal.	Mouth to Petaluma, Cal.	16.0	4.0	[1] 346,622
Napa, Cal.	Mouth to Napa, Cal.	16.0	4.0	58,361
Coquille, Oreg.	Mouth to Myrtle Point, Oreg.	37.0	.....	45,455
Coos, Oreg.	Mouth to Forks	5.5	.....	
North Fork	Mouth to point on river	8.5	1.5	44,398
South Fork	do	8.5	1.5	
Siuslaw, Oreg.	Mouth to Florence	6.0	7.0	13,090
	Florence to point on river	15.0	(2)	
Yaquina, Oreg.	Mouth to point on river	23.0	13-15	573
Hoquarten Slough, Oreg.	Mouth to Tillamook, Oreg.	9.0	10.0	13,910
Columbia, Wash.-Oreg.-Idaho.	Mouth to Snake River	[336.0]	.....	.....
1 upper	Mouth of Snake to Celilo	124.0	3.5	28,380
2 middle	Celilo to Vancouver, Wash.	109.0	8.0	[3] 46,884
3 lower	Vancouver to mouth	103.0	20.0	2,313,153
Clatskanie, Oreg.	Mouth to Clatskanie	3.0	5.0	61,978
Cowlitz, Wash.	Mouth to 10 miles above Toledo	50.0	.....	318,090
Lewis	Mouth to Forks	3.75	5.0	
East Fork	Mouth to La Center	7.0	2.0	75,878
North Fork	*Mouth to Woodland*	7.5	1.0	
Willamette, Oreg.	Mouth to Harrisburg	164.0	[4] 3.0	362,258
Yamhill, Oreg.	Mouth to McMinnville, Oreg.	18.0	4.0	2,027
Okanogan, Wash.	Mouth to Riverside, Wash.	40.0	2.0	1,184
Pend Oreille, Wash.	Newport to Box Canyon, Wash.	54.0	4.0	54,733
Snake, Wash.-Idaho	Mouth to Asotin, Wash.	146.0	3.0-5.0	(5)
Willapa, Wash.	Mouth to Willapa, Wash.	10.0	9.0	76,713
Chehalis, Wash.	Mouth to Elma, Wash.	31.0	(2)	17,195
Stillaguamish, Wash.	Mouth to Florence, Wash.	6.0	.....	7,153
Skagit, Wash.	Mouth to Sedro-Woolley	25.0	.....	28,489
Snohomish, Wash.	Mouth to Forks	22.0	.....	32,530
Skykomish, Wash.	.....	.....	.....	.....
Snoqualmie, Wash.	.....	.....	.....	.....
Duwamish, Wash.	Mouth to Forks	12.0	.....	23,260
Puyallup, Wash.	.....	.7	28.0	.....
Swinomish Slough, Wash.	.....	12.0	2.0	48,724
Whatcom Creek, Wash.	Mouth to railroad bridge	.5	12.0	.....
Colorado, Cal.-Ariz.	Mexican border to Yuma	.....	.....	.....

SUMMARY.

Streams.	Number.	Navigable length.
		Miles.
Tributary to the Atlantic	148	5,365
Tributary to the Gulf	53	5,212
Mississippi River and tributaries	54	13,912
Flowing into Canada	2	315
Tributary to the Pacific	38	1,606
Total	295	26,410

[1] Year ending May 1.
[2] Light draft.
[3] Fiscal year 1906.
[4] Depth for only a part of the navigable length given.
[5] See Upper Columbia.

No. 187.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1901-1905.[1]

Section of river and year.	Grain and its products.	Cotton.	Cotton seed.	Live stock.	Coal and coke.	Lumber.	Logs.
St. Louis and Cairo:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
1901	137,954	308	.....	31,981	80,950	94,704	37,600
1902	194,175	3,144	.....	46,458	110,090	130,595	77,089
1903	103,114	585	340	18,010	119,727	120,231	89,662
1904	72,497	471	1,481	16,266	108,955	38,510	65,990
1905	50,441	1,991	912	21,048	131,756	21,143	101,111
Cairo and Memphis:							
1901	103,599	13,647	21,750	1,903	1,359,462	228,493	309,395
1902	91,593	50,315	23,813	536	1,289,830	287,294	386,977
1903	100,222	10,065	10,850	15,040	1,266,378	209,541	430,530
1904	8,782	15,455	12,064	618	1,250,476	192,481	503,465
1905	51,123	9,573	11,069	200	1,328,930	242,070	486,051
Memphis and Vicksburg:							
1901	143,791	49,553	39,855	5,200	1,281,393	55,747	129,286
1902	119,197	55,075	37,175	14,719	1,248,046	124,763	175,400
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	64,699	4,091	1,097,758	128,697	334,499
Vicksburg and New Orleans:							
1901	112,314	71,925	60,936	2,954	1,225,970	37,359	.....
1902	102,544	64,774	80,973	4,814	1,220,057	49,350	52,433
1903	125,236	39,519	53,909	7,337	1,263,372	80,500	212,375
1904	23,878	46,997	63,901	4,858	1,020,500	25,358	133,638
1905	24,062	25,349	39,454	3,945	1,080,075	33,203	233,388

Section of river and year.	Iron, steel, and metals.	Groceries and provisions.	Railroad cross-ties.	Gravel, sand, and stone.	Miscellaneous and unclassified.	Total.
St. Louis and Cairo:	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
1901	29,122	83,656	.....	.....	67,573	563,848
1902	3,873	105,171	.....	.....	280,859	951,454
1903	82,797	35,485	18,243	.....	60,987	649,181
1904	1,400	18,581	.....	14,559	93,574	386,486
1905	135	18,958	.....	.....	69,526	417,021
Cairo and Memphis:						
1901	55,572	37,340	.....	.....	175,141	2,306,302
1902	247,565	15,317	.....	.....	155,121	2,548,331
1903	77,331	4,836	5,397	13,000	107,070	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
Memphis and Vicksburg:						
1901	32,851	74,221	.....	.....	44,442	1,856,339
1902	51,052	47,289	.....	.....	67,301	1,940,026
1903	44,309	31,191	3,131	10,000	31,186	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
Vicksburg and New Orleans:						
1901	31,272	154,877	.....	.....	137,557	1,835,174
1902	51,714	193,099	.....	.....	399,500	2,159,258
1903	52,891	157,540	.....	27,983	187,030	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

[1] Through traffic passing two or more sections of the river is included in each section; and the sum of the traffic of the four sections would involve a considerable amount of duplication.

No. 188.—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: 1869 TO 1910.

[Prepared by 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.*
1869	25.12	25.0	35.1	6 11/16	1890	5.85	8.5	14.31	2 7/16
1870	17.11	22.0	33.3	5 7/8	1891	5.96	8.53	15.0	3 1/8
1871	20.24	25.0	31.0	8 1/4	1892	5.61	7.55	14.23	2 3/8
1872	24.47	28.0	33.5	7 3/4	1893	6.38	8.44	14.7	2 3/8
1873	19.19	26.9	33.2	10 9/16	1894	4.44	7.0	12.88	1 15/16
1874	14.1	16.9	28.7	8 13/16	1895	4.11	6.95	12.17	2 9/16
1875	11.43	14.6	24.1	8 7/16	1896	5.38	7.32	12.0	2 15/16
1876	9.58	11.8	16.5	8	1897	4.35	7.37	12.32	3 1/16
1877	11.24	15.8	20.3	7	1898	4.42	4.96	11.55	3 7/16
1878	9.15	11.4	17.7	7 3/8	1899	5.65	6.63	11.13	2 7/16
1879	11.6	13.3	17.3	6 9/16	1900	4.42	5.05	[3] 9.98	3 1/8
1880	12.27	15.7	19.9	5 13/16	1901	5.14	5.57	[3] 9.92	1 1/4
1881	8.19	10.4	14.4	4 1/8	1902	5.25	5.78	[3] 10.60	1 7/16
1882	7.39	10.9	14.6	3 15/16	1903	5.44	6.17	[3] 11.33	1 7/16
1883	8.37	11.5	16.5	4 5/16	1904	4.71	5.02	[3] 11.11	1 1/8
1884	6.31	9.95	13.125	3 1/2	1905	5.51	6.44	[3] 10.20	1 3/8
1885	5.87	9.02	14.0	2 3/16	1906	5.94	6.48	[3] 10.50	1 7/16
1886	8.71	12.0	16.5	3 7/16	1907	6.68	6.93	[3] 11.30	1 3/4
1887	8.51	12.0	[2] 15.74	2 1/8	1908	6.00	6.33	[3] 11.70	1 9/16
1888	5.93	11.0	[2] 14.5	2 5/8	1909	5.35	6.88	[3] 11.70	1 5/8
1889	6.89	[2] 8.7	15.0	3 15/16	1910	5.13	6.57	[3] 9.60	1 1/2

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

No. 189.—FREIGHT RATES AND TOLLS ON WHEAT FROM BUFFALO TO NEW YORK, AND ELEVATING AND STORAGE RATES AT BUFFALO: 1877 TO 1910.

[Prepared by the secretary of the Buffalo Chamber of Commerce.]

Calendar year.	Average canal freight rates.	Tolls.[1]	Elevating, including storage.[2]	Calendar year.	Average canal freight rates.	Elevating, including storage.[2]
	Cents.	*Cents.*	*Cents.*		*Cents.*	*Cents.*
1877	7.4	1.0	1.0	1894	3.2	0.875
1878	6.0	1.0	1.0	1895	2.2	.875
1879	6.8	1.0	1.0	1896	3.7	.875
1880	6.5	1.0	1.0	1897	2.8	.875
1881	4.7	1.0	.875	1898	2.8	.500
1882	5.4	1.0	.875	1899	3.0	.500
1883	4.9	.....	.875	1900	2.5	.500
1884	4.2	.....	.875	1901	3.5	.500
1885	3.8	.....	.875	1902	3.8	.500
1886	5.0	.....	.875	1903	4.0	.500
1887	4.5	.....	.875	1904	3.2	.500
1888	3.4	.....	.875	1905	3.9	.500
1889	4.8	.....	.875	1906	4.2	.500
1890	3.8	.....	.875	1907	5.0	.500
1891	3.5	.....	.875	1908	5.0	.500
1892	3.5	.....	.875	1909	3.9	.500
1893	4.6	.....	.875	1910	4.0	.500

[1] Tolls abolished after 1882.
[2] Storage varied; 5 to 10 days the limit.

No. 190.—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 1901 TO 1910.

[Prepared by secretary of the Board of Trade, Chicago.]

Shipped to—	Article.	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
		Dolls.	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*
Liverpool	Grain	0.2147	0.2085	0.2268	0.2019	0.1916	0.1875	0.1922	0.1901	0.1893	0.1815
Do	Sacked flour	.2300	.2350	.2519	.2100	.2240	.2050	.2125	.2075	.2072	.1975
Do	Provisions	.3600	.3625	.4190	.3656	.3849	.4100	.4085	.4257	.4538	.4538
Glasgow	Grain	.2410	.2175	.2443	.2238	.2000	.1925	.1967	.1863	.1800	.1591
Do	Sacked flour	.2438	.2275	.2538	.2320	.2250	.2360	.2391	.2200	.2100	.2150
Do	Provisions	.4516	.4188	.4688	.4406	.4323	.4563	.4688	.4688	.4688	.4688
London	Grain	.2323	.2175	.2356	.2150	.2023	.1925	.2054	.1946	.1817	.1775
Do	Sacked flour	.2550	.2400	.2519	.2225	.2364	.2250	.2363	.2316	.2150	.2200
Do	Provisions	.4475	.3906	.4406	.4406	.4088	.4626	.4626	.4626	.4746	.4762
Antwerp	Grain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1805
Do	Provisions	.4625	.4150	.4969	.4828	.4370	.4761	.4556	.4959	.4942	.4944
Hamburg	do	.4400	.3900	.4700	.4600	.4575	.4900	.4600	.4949	.4909	.5000
Amsterdam	do	.4500	.4000	.4200	.4200	.4542	.4600	.4500	.4500	.4800	.4800
Rotterdam	do	.4500	.4000	.4200	.4200	.4453	.4600	.4500	.4500	.4700	.4700
Copenhagen	do	.4775	.4200	.4969	.4688	.4866	.5100	.5100	.5396	.5531	.5531
Stockholm	do	.5325	.4500	.5250	.4969	.5147	.5350	.5300	.5466	.5672	.5672
Stettin	do	.4775	.4200	.4969	.4688	.4818	.5000	.4900	.5185	.5391	.5391
Bordeaux	do	.5425	.5125	.5625	.5625	.5145	.5300	.5500	.5500	.5500	.5750

No. 191.—AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS: 1888 TO 1910.

[Prepared by Mr. George H. Morgan, 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.*
1888	15.00	6.50	29.50	59.00	15.17	22.95
1889	17.93	5.95	28.50	58.00	17.33	24.97
1890	15.66	6.58	27.63	52.63	14.33	21.48
1891	16.28	6.88	29.00	58.00	15.75	23.55
1892	16.87	6.50	26.62	58.00	14.00	21.00
1893	17.54	6.55	28.50	57.00	14.71	21.72
1894	17.14	5.89	24.78	50.00	11.69	18.71
1895[1]	13.00	5.95	23.57	47.00	12.13	18.33
1896	14.54	5.00	23.00	46.00	13.50	19.67½
1897	10.83	4.88	23.64	47.26	12.89	20.33
1898	10.00	4.50	22.25	45.10	14.24	20.32
1899	10.00	4.50	21.95	43.90	12.33	17.88
1900	10.00	[2]4.25	19.38	38.76	14.64	18.41
1901	10.00	[2]4.25	19.33	38.66	9.48	14.03
1902	10.00	[2]4.20	20.66	41.32	8.53	15.33
1903	10.00	[2]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

[1] The figures represent published rates since 1894.

[2] F. o. b. New Orleans.