
TRANSPORTATION ON CANALS AND CANALIZED RIVERS.

TRANSPORTATION ON CANALS AND CANALIZED RIVERS.

BY THOMAS J. VIVIAN.

The report made on canals for the Tenth Census treated so fully of their history that nothing more need be said upon that branch of the subject than will be found in the comparative statistics of 1880 and 1889, given herewith. The present Report on Canals and Canalized Rivers has been made to conform as nearly as possible with those on transportation on the coasts, lakes, and rivers. The figures are grouped under the heads of "Construction", "Floating Equipment", "Traffic", "Income and Expenditures", and "Comparative Statistics", the plan of the tables being as follows:

PLAN OF THE TABLES.

- Table 1.—Construction—Number of canals and canalized rivers, their dimensions, with date and cost of construction.
Table 2.—Floating equipment—Number, tonnage, and valuation of canal boats, with averages of tonnage and valuation.
Table 3.—Traffic—Freight carried on canals and canalized rivers.
Table 4.—Income and expenditures—Gross earnings, expenses, and net earnings of canals.
Table 5.—Comparative statistics—Operated mileage in 1880 and 1889.
Table 6.—Comparative statistics—Abandoned canals.
Table 7.—Comparative statistics—Traffic in 1880 and 1889.
Table 8.—Comparative statistics—Income and expenditures in 1880 and 1889.

The statistics of construction, equipment, traffic, and of income and expenditures are given for each reporting canal and by state totals, with segregations of the construction and traffic figures for state and corporation canals, United States government canals, and canalized rivers. By state canals is meant those works which are the property of the state in which they are located; by corporation canals is meant those works which belong to private parties or to companies. The United States government canals are those which were either built by the federal government or have become its property by purchase. By canalized rivers is meant those portions of watercourses which have been rendered navigable or whose navigation has been improved by the construction of locks and other works, with resulting slackwater.

Most of the state and corporation canals are used only for the transportation of freight in canal boats. Some of them, such as those used in Louisiana to connect the various bayous, are purely ship canals. The United States government canals are all ship canals, and the canalized rivers are grouped as such. The number and mileage of ship canals, including canalized rivers, are given in the accompanying summary:

TABLE A.—SUMMARY SHOWING THE NUMBER AND MILEAGE OF SHIP CANALS OF THE UNITED STATES.

CANALS AND CANALIZED RIVERS.	Number.	Mileage.
Total	48	1,479.63
State and corporation canals	18	360.96
United States canals	9	40.63
Canalized rivers	21	1,078.04

STATISTICS OF TRANSPORTATION.

In Table 1 the ownership of each state and corporation canal is shown, the following statement giving these facts in condensed form:

TABLE B.—STATEMENT SHOWING THE OWNERSHIP OF STATE AND CORPORATION CANALS.

STATES.	Owned by states. (Miles.)	Owned by corporations. (Miles.)
Total	1,320.66	943.94
New York	560.66	86.00
New Jersey		171.02
Pennsylvania		464.98
Delaware		14.00
Maryland		15.00
Virginia		67.44
North Carolina		13.00
Georgia		25.00
Florida		10.50
Louisiana		38.25
Texas		38.00
Ohio	658.00	
Illinois	102.00	
Oregon		0.75

The ownership of the United States government canals is indicated in the title. In the case of the canalized rivers the ownership is that of the public works whose construction has resulted in the mileage of slackwater navigation set opposite each improved stream. These facts are condensed as follows:

TABLE C.—STATEMENT SHOWING THE OWNERSHIP OF THE PUBLIC WORKS ON CANALIZED RIVERS, WITH THE MILEAGE OF THE RESULTING SLACKWATER NAVIGATION.

STATES.	Owned by states. (Miles.)	Owned by corporations. (Miles.)	Owned by United States government. (Miles.)
Total	165.20	131.00	781.84
Maine	7.00		
New York	70.20		
Pennsylvania		91.00	23.00
Virginia			11.50
West Virginia		40.00	58.00
Ohio			75.00
Illinois	88.00		139.00
Iowa			4.40
Wisconsin			169.40
Kentucky			286.50
Tennessee			14.40
Alabama			0.04
Oregon			0.60

The term "construction", referred to in the preceding plan of the tables, is used to include the number of works operated, length in miles, the number of locks, and the cost and date of original construction and of improvement, the totals of these statistics being given in the subjoined statement:

TABLE D.—SUMMARY SHOWING THE OPERATED MILEAGE, NUMBER OF LOCKS, AND COST OF CANALS AND CANALIZED RIVERS.

CANALS AND CANALIZED RIVERS.	Number.	OPERATED MILEAGE.			Number of locks.	Cost of construction and improvement.
		Total.	Canals.	Canalized rivers.		
Total	67	3,383.27	2,305.23	1,078.04	1,097	\$188,185,880
State and corporation canals	37	2,264.60	2,264.60		982	150,481,825
United States canals	9	40.63	40.63		26	20,517,133
Canalized rivers	21	1,078.04		1,078.04	89	17,186,922

The floating equipment of canals, that is, the boats which can be considered as belonging to and as employed exclusively on canals, is here limited to state and corporation canals. The bulk of the equipment is made up of towed boats, although there is a slowly growing fleet of steamboats which are used chiefly as an experiment in motive power. The number, gross tonnage, and estimated valuation of both classes of canal boats are given in the accompanying summary:

TABLE E.—SUMMARY SHOWING NUMBER, TONNAGE, AND VALUATION OF CANAL BOATS.

CANAL BOATS.	Number.	Tonnage.	Valuation.
Towed.....	6,376	964,509	\$5,300,914
Steam.....	138	14,676	453,000

The transportation movement on canals is now confined to that of freight, the amount in tons carried on all canals in the year of report being 48,668,325. The proportion of freight carried on state and corporation canals or United States government canals and on canalized rivers is shown in the following summary:

TABLE F.—SUMMARY SHOWING THE NUMBER OF TONS OF FREIGHT CARRIED ON CANALS AND CANALIZED RIVERS.

	TONS.
Total.....	48,668,325
State and corporation canals.....	13,269,600
United States government canals.....	28,507,069
Canalized rivers.....	6,891,656

While the amount of freight carried on the United States government canals and on canalized rivers is included in the reports of the lakes and rivers, it also forms a constituent of the canal traffic of the country. The figures are therefore given here, but are not included in the total for the United States except in the lake and river trade. A portion of the freight moved on state and corporation canals has also been originally reported elsewhere and has been similarly treated, the freight actually carried on canal boats and not reported elsewhere amounting to 10,504,896 tons. The distribution of this duplicated tonnage according to the localities of original report is shown in the following table:

TABLE G.—STATEMENT OF FREIGHT MOVED ON CANALS, BUT ORIGINALLY REPORTED IN OTHER DIVISIONS OF TRANSPORTATION ON WATER.

CANALS AND CANALIZED RIVERS.	Where originally reported.	Freight moved. (Tons.)
Total.....		38,163,429
State and corporation canals.....	Atlantic coast and Gulf of Mexico.....	2,728,014
	Pacific coast.....	36,690
		2,764,704
United States government canals.....	Great lakes.....	27,491,869
	Mississippi valley.....	1,015,200
		28,507,069
Canalized rivers.....	Great lakes.....	346,475
	Mississippi valley.....	6,545,181
		6,891,656

The gross earnings, expenses, and net earnings, which make up the table entitled "Income and Expenditures", are only those of the state and corporation canals, neither the United States government canals nor the canalized rivers reporting any income and expense account; for, while it is a fact that both of the latter waterways require an expenditure for their maintenance, the amount so laid out is from appropriations by the United States, and the receipts from tolls form an income account which can not be considered that of transportation. The gross income of state and corporation canals amounted to \$4,089,132.26, the sources being either tolls or lockage. The expenditures amounted to \$2,122,376, and were made up of the maintenance of waterways and structure, wages, provisions, fuel, and keep of stock. The net income stood at \$1,966,756.26.

The 4 tables of comparative statistics show the variations of operated mileage, the extent of traffic, and the income and expenditures for the 2 years 1880 and 1889 and the mileage of abandoned canals. A comparison of mileage shows that the total operated mileage in 1880 was 3,235.78 and in 1889 3,383.27, an increase of 147.49 miles. This increased mileage is in the United States government canals and canalized rivers, the mileage of the state and corporation canals having decreased, as shown in the summary on the following page.

STATISTICS OF TRANSPORTATION.

TABLE H.—STATEMENT SHOWING THE INCREASE OR DECREASE IN THE OPERATED MILEAGE OF CANALS IN 1880 AND 1889.

CANALS AND CANALIZED RIVERS.	1880	1889	Increase.	Decrease.
State and corporation canals	2,746.18	2,264.60	.....	481.58
United States government canals	10.00	40.63	30.63	.....
Canalized rivers	479.60	1,078.04	598.44	.....
Total	3,235.78	3,383.27	629.07	481.58
Net increase			147.49	.....

The decreased mileage is nearly all that of state and corporation canals given up between 1880 and 1889 as shown in Table 6. The abandoned mileage and works are as follows:

	MILES.
Total mileage of abandoned canals between 1880 and 1889	261.69
Parts of the Erie canal	13.68
Parts of the Pennsylvania canal	140.00
Union canal	84.64
Alexandria and Georgetown canal	7.12
Parts of the Ohio canal	6.00
Parts of the Miami and Erie canal	10.25

The other changes which brought about the decrease of the 481.58 miles of state and corporation canals are these: the Black River canal in 1880 contained 42.50 miles of slackwater, which is now placed with the canalized river mileage; the Chesapeake and Ohio canal was washed out in 1889 and was not reopened until 1892; the St. Mary Falls canal, 1.02 miles, and the Lake Superior canal, 2.12 miles, were reported in 1880 as state and corporation canals, but in this report they are classed with the United States government canals. These decreases were offset by the extension of the Company's canal in Louisiana from 12 miles to 22.25 miles, and by the increase in the mileage of the United States government canals and in that of canalized rivers shown in detail in Table 5.

No report of equipment was made for canals in the Tenth Census, so that a comparison in that branch of the subject is not possible.

The freight traffic of the canals and canalized rivers reported to the Tenth and Eleventh censuses is shown in Table 7, the figures being summarized as follows:

TABLE I.—SUMMARY SHOWING THE FREIGHT TRAFFIC OF CANALS AND CANALIZED RIVERS OF THE UNITED STATES AS REPORTED IN 1880 AND 1889.

CANALS AND CANALIZED RIVERS.	1880 (Tons.)	1889 (Tons.)
Total	21,044,292	48,068,325
State and corporation canals	17,548,602	13,269,000
United States government canals		28,507,669
Canalized rivers	3,495,690	6,891,656

The decrease in the amount of freight carried on state and corporation canals in 1889, as compared with that carried in 1880, is due to the decrease of mileage by abandonment and temporary disuse of canals referred to in preceding paragraphs. The increase in the amount of freight carried on canalized rivers in 1889 over that of 1880 is due to the larger exploitation of this class of artificial waterway, and in 1880 no report was made of the freight passing through United States government canals.

In Table 8 will be found the statistics of income and expenditures as reported at the Tenth and Eleventh censuses, and from that table the following summary is derived:

TABLE J.—SUMMARY SHOWING THE GROSS INCOME AND EXPENDITURES OF CANALS OF THE UNITED STATES IN 1880 AND 1889.

ITEMS.	1880	1889
Gross income	\$4,302,185.00	\$4,089,132.20
Expenditures	2,875,335.00	2,122,376.00
Net income	1,426,850.00	1,966,756.20

In order to secure a closer presentation of the comparative business done and financial returns by canals in 1880 and 1889, Tables 7 and 8 have been prepared in such a way as to show the mileage for which these statistics were reported in both 1880 and 1889, that for which they were reported in either 1880 or 1889, and mileage for which no business was reported in either of these years.

The mileage in Tables 5 and 7 includes certain United States government canals and canalized rivers existing in 1880 that were not reported in the Tenth Census. The names and mileage are as follows:

TABLE K.—STATEMENT SHOWING THE UNITED STATES GOVERNMENT CANALS AND CANALIZED RIVERS EXISTING IN 1880 THAT WERE NOT REPORTED AT THE TENTH CENSUS.

	MILES.
United States government canals.....	10.00
Des Moines Rapids, Iowa.....	7.60
Louisville and Portland, Kentucky.....	2.40
Canalized rivers	299.60
Songo, Maine	7.00
Seneca, New York.....	7.70
Beaver, Pennsylvania	6.00
Upper Appomattox, Virginia.....	11.50
Great Kanawha, West Virginia.....	58.00
Little Kanawha, West Virginia.....	40.00
Fox, Wisconsin	160.40
Chippewa, Wisconsin	9.00

Table 8 is for canals only; the mileage includes the United States government canals existing in 1880 that were not reported in the Tenth Census, namely:

	MILES.
Total.....	10.00
Des Moines Rapids.....	7.60
Louisville and Portland.....	2.40

STATISTICS OF TRANSPORTATION.

TABLE 1.—CONSTRUCTION—NUMBER, DIMENSIONS, DATE OF CONSTRUCTION, AND COST OF STATE
SUMMARY.

CANALS AND CANALIZED RIVERS.			
1	Total		
2	State and corporation canals		
3	United States government canals		
4	Canalized rivers		

A.—STATE AND CORPORATION CANALS.

STATES.	Canals.	Points connected.	When built.
1	Total		
2	New York		
3	Erie and branches (a)	Albany-Buffalo	1817-1825
4	Oswego (a)	Oswego-Syracuse	1825-1828
5	Cayuga and Seneca (a)	Montezuma-Cayuga and Seneca lakes	1825-1839
6	Champlain (a)	Whitehall-Waterford	1817-1822
7	Black River (a)	Rome-Lyons Falls	1836-1849
8	Delaware and Hudson	Rondout-Pennsylvania state line	1826-1828
9	New Jersey		
10	Delaware and Raritan (b)	New Brunswick-Bordentown	} 1834-1838
11	Delaware and Raritan Feeder	Bull Island-Trenton	
12	Morris	Jersey City-Easton, Pa.	
13	Penn's Neck (b)	Salem creek-Delaware river	1825-1836 1800-1872
14	Pennsylvania		
15	Delaware and Hudson (see New York)	Columbia-Duncan Island	} 1826-1839
16	Susquehanna and Tidewater	Clark Perry-Northumberland	
17	Schuylkill Navigation Company	Northumberland-Wilkesbarre	
18	Lehigh Coal and Navigation Company	Junction-Huntingdon	} 1826-1828
19	Delaware division	Northumberland-Flemington	
20	Muncy	Honesdale-New York state line	
21	Chesapeake and Delaware (b)	Columbia-Maryland state line	1837-1840
22	Susquehanna and Tidewater (see Pennsylvania)	Mill creek-Philadelphia	1816-1826
23		Coalport-Easton	1819-1821
24		Easton-Bristol	1830
25		Muncy-Pennsylvania canal	
26	Delaware	Delaware city, Del.-Chesapeake city, Md	1829
27	Maryland		
28	Susquehanna and Tidewater (see Pennsylvania)	Havre de Grace-Pennsylvania state line	1837-1840
29	Virginia		
30	Albemarle and Chesapeake (b)	Norfolk-North Carolina state line	1855-1860
31	Dismal Swamp (b)	Elizabeth river, Va.-Pasquotank river, N. C.	1787-1794
32	North Carolina		
33	Fairfield (b)	Alligator river-Mattamuskeet lake	1868
34	Newberne and Beaufort (b)	Clubfoot creek-Newport river	1880-1882
35	Albemarle and Chesapeake (see Virginia) (b)	Canjock bay-North river	1855-1860
36	Georgia		
37	Augusta (b)	Savannah river-Augusta	1847
38	Ogeechee	Savannah river-Ogeechee river	1829-1840
39	Florida		
40	Santa Fe (b)	Waldo-Melrose	1877-1880
41	Louisiana		
42	New Basin (b)	New Orleans-Lake Ponchartrain	1832-1835
43	Old Basin (Carondelet) (b)	New Orleans-Bayou St. John	1794
44	Harvey's (b)	Harvey-Bayou Barataria	1830
45	Company's (b)	Mississippi river-Bayou Black	1832-1847
46	Secolas (Tagliaferro) (b)	Mississippi river-Bayou Barataria	1880-1881
47	Texas	Galveston and Brazos (b)	Galveston-Brazos river
48	Galveston and Brazos (b)	Galveston-Brazos river	1850-1851
49	Ohio		
50	Ohio and branches (a)	Cleveland-Portsmouth	1825-1835
51	Walbonding (a)	Rochester-Roscoe	1836-1843
52	Hocking (a)	Carroll-Nelsonville	1838-1843
53	Miami and Erie (a)	Cincinnati-Toledo	1825-1835
54	Illinois		
55	Illinois and Michigan (a) (b)	Chicago-Lasalle	1836-1848
56	Oregon	Willamette Transportation and Lock Company (b)	Willamette river, around falls at Oregon city
57	Willamette Transportation and Lock Company (b)	Willamette river, around falls at Oregon city	1873

CANALS AND CANALIZED RIVERS.

475

AND CORPORATION CANALS, UNITED STATES GOVERNMENT CANALS, AND CANALIZED RIVERS.

SUMMARY.

CANALS AND CANALIZED RIVERS.										
Length.			Width.		Depth. (Feet.)	Locks.				Cost of construction and improvement.
Total. (Miles.)	Canal. (Miles.)	Slackwater. (Miles.)	Surface. (Feet.)	Bottom. (Feet.)		Number.	Length. (Feet.)	Width. (Feet.)	Rise and fall. (Feet.)	
3,383.27	2,132.59	1,250.68				1,097				\$188,185,880
2,264.60	2,091.96	172.64				982				150,481,825
40.63	40.63					26				20,517,133
1,078.04		1,078.04				89				17,186,922

A.—STATE AND CORPORATION CANALS.

LENGTH.			WIDTH.		Depth. (Feet.)	LOCKS.				Cost of construction and improvement.
Total. (Miles.)	Canal. (Miles.)	Slackwater. (Miles.)	Surface. (Feet.)	Bottom. (Feet.)		Number.	Length. (Feet.)	Width. (Feet.)	Rise and fall. (Feet.)	
2,264.60	2,091.96	172.64				982				\$150,481,825
646.66	594.07	52.59				349				73,978,122
381.39	351.80	29.59	70	52½	7	72	110	18	656.46	52,540,800
38.00	18.00	20.00	70	56	7	18	110	18	155.55	5,239,526
24.77	24.77		70	56	7	11	110	18	76.58	2,232,632
81.00	81.00		58	44	6	32	110	18	179.50	4,044,000
35.50	35.50		42	28	4	109	90	15	1,080.00	3,581,954
86.00	83.00	3.00	48	32	6	107	100	15	1,028.00	6,339,210
171.02	171.02					47				10,929,749
66.00	66.00		60-80		6-7	14	220	24	150.00	4,888,749
103.00	103.00		45	25	5	33	88	20	1,674.00	6,030,000
2.02	2.02		100	75	5					41,000
464.98	414.93	50.05				264				32,020,122
193.00	193.00		40-100	25-32	4½-6	71	85-180	14-17	132.00 68.00 68.00 255.00 123.00	7,731,750
25.00	25.00									
30.00	30.00		50	30	5½	32	170	17	230.00	4,931,345
108.23	58.18	50.05	60	40	6½	71	110	18	619.00	12,461,600
108.00	108.00		44-60	26-45	6	90	90-100	11-22	375.00 165.00	6,888,350
0.75	0.75		40	25	4½					7,077
14.00	14.00		66		9	3	220	24	32.00	3,730,230
15.00	15.00									
67.44	36.44	31.00				8				2,792,363
38.44	8.44	30.00	80	60	7½	1	220	40	2.00	1,641,363
20.00	28.00	1.00	40-60		6	7	100	16½	35.00	1,151,000
13.00	13.00									400,000
4.50	4.50		40		6					200,000
3.00	3.00		80		10					200,000
5.50	5.50									
25.00	25.00					5				1,907,818
9.00	9.00		150		11					1,500,000
16.00	16.00		120		3	5				407,818
10.50	10.50		35		5					70,000
38.25	29.25	9.00				6				2,015,000
6.50	6.50		85		7					1,000,000
2.00	2.00		60		7					750,000
5.75	5.75		45		6	3	200	35		150,000
22.25	13.25	9.00	40		6	1	117	25		90,000
1.75	1.75		30		4	2	110	20		25,000
38.00	8.00	30.00	50		3½					340,000
658.00	658.00					280				14,340,634
317.00	317.00		40	26	4	150	90	15	1,207.00	4,695,204
25.00	25.00		40		4	11	90	15	90.00	607,269
42.00	42.00		40		4	26	87	15	203.00	975,481
274.00	274.00		50-60		5½	93	87-99	15	907.00	8,062,680
102.00	102.00				6	15			141.00	7,357,787
0.75	0.75				9	5	210	40	39.75	600,030

b Ship canal.

STATISTICS OF TRANSPORTATION.

TABLE 1.—CONSTRUCTION—NUMBER, DIMENSIONS, DATE OF CONSTRUCTION, AND COST OF STATE AND

B.—UNITED STATES GOVERNMENT CANALS.

	STATES.	Canals and canalized rivers.	Points connected.	When built.
1	Total			
2	Michigan			
3		St. Mary Falls (a) (b)	St. Mary river, around the falls	1853-1855
4		Lake Superior (a) (b)	Portage lake-Lake Superior	1868-1873
5		Keweenaw Bay and Portage Lake (a) (b)	Keweenaw bay-Portage lake	
6		St. Clair Flats (a)	St. Clair river-Lake St. Clair	1866-1889
7	Iowa	Des Moines Rapids (a)	Keokuk-Nashville	1868-1877
8	Alabama	Coosa (a)	Coosa river, around Ten Island shoals	1879-1888
9	Kentucky	Louisville and Portland (a)	Louisville-Portland	1828-1830
10	Tennessee			
11		{ Muscle Shoals (a)	Tennessee river, around Muscle shoals	1872-1889
		{ Elk River Shoals (a)	Tennessee river, around Elk river shoals	1889

C.—CANALIZED RIVERS.

1	Total			
2	Maine	Songo (c)	Sebago lake-Long Pond	
3	New York			
4		Black (c)	Carthage-Lyons Falls	1857-1861
5		Oneida (c)	Three River Point-Brewerton	1839-1850
6		Seneca (c)	Mud Lock-Baldwinsville	
7	Pennsylvania			
8		Monongahela	Pittsburg, Pa.-Morgantown, W. Va	1838-1888
9		Ohio (f)	Ohio river, at Davis island	1878-1885
10		Beaver (g)	Beaver-Economy	
11	Virginia	Upper Appomattox (f)	Stony Point-Petersburg	
12	West Virginia			
13		Great Kanawha (f)	Loup Creek shoals-Point Pleasant	1873-1889
14		Little Kanawha (g)	Burning Springs-Parkersburg	1870-1889
15	Ohio	Muskingum (f)	Zanesville-Marietta	1840
16	Illinois	Illinois	Lasalle-Grafton	1868-1889
17	Iowa	Mississippi (Des Moines Rapids) (f)	Nashville-Montrose	1868-1889
18	Wisconsin			
19		Fox (f)	Portage city-Green Bay	1860-1882
20		Chippewa (f)	Eau Claire-Mississippi river	1876-1889
21	Kentucky			
22		Kentucky (f)	Oregon-Ohio river	1845-1889
23		Green and Barren (f)	Lock No. 1, Green river-Lock No. 1, Barren river	1880-1889
24		Big Sandy (f)	Paintsville-Louisia	1883-1889
25	Tennessee	Cumberland (f)	Nashville-Point above Nashville	1887-1889
26	Alabama	Black Warrior (f)	Daniel creek-Tuscaloosa	1887-1889
27	Oregon	Columbia (f)	Columbia river, at the Cascades	1879-1889

a Ship canal.

b Purchased by or transferred to the United States government, since the Tenth Census.

c Operated by the state.

d Cost of construction not separable from that of the Black River canal.

e Eighty-five miles owned by a company, 17 miles by the United States government.

CANALS AND CANALIZED RIVERS.

477

CORPORATION CANALS, UNITED STATES GOVERNMENT CANALS, AND CANALIZED RIVERS—Continued.

B.—UNITED STATES GOVERNMENT CANALS.

LENGTH.			WIDTH.		Depth. (Feet.)	LOCKS.				Cost of construction and improvement.	
Total. (Miles.)	Canal. (Miles.)	Slackwater. (Miles.)	Surface. (Feet.)	Bottom. (Feet.)		Number.	Length. (Feet.)	Width. (Feet.)	Rise and fall. (Feet.)		
40.62	40.62					26				\$20,517,133	1
9.33	9.33					7				9,008,534	2
1.02	1.02				17	1	515	83		3,996,736	3
2.12	2.12				14	1	800	100		3,985,787	4
5.00	5.00				14	5				181,311	5
1.19	1.19				16					844,700	6
7.60	7.60				5	3	325	80		4,582,009	7
5.30	5.30				3	3	210	40		510,671	8
2.40	2.40				12	2	335	80		3,250,000	9
16.00	16.00					11				3,156,919	10
14.50	14.50				6	11	300	60		3,156,919	11
1.50	1.50				6						

C.—CANALIZED RIVERS.

1,078.04		1,078.04				89				17,186,922	1
7.00		7.00			10	1	96	21		20,000	2
70.20		70.20				4				368,164	3
42.50		42.50			4	2	142	30		(d)	4
20.00		20.00			4	2	120	30½		368,164	5
7.70		7.70			4						6
114.00		114.00				12				3,212,836	7
102.00		102.00			6	9	100	50		2,288,836	8
5.00		5.00			6	1	600	110		910,000	9
6.00		6.00				2	104	25		19,000	10
11.50		11.50			2½	5	60	90		388,617	11
98.00		98.00				12				2,444,339	12
58.00		58.00			7	5	270	50		2,046,775	13
40.00		40.00			5	5	311	55			
75.00		75.00				10	160	36		397,564	14
227.00		227.00			7	3	350	75		2,033,724	15
4.40		4.40			5					1,727,297	16
169.40		169.40				28				(i)	17
160.40		160.40			4-6	27	160	35		3,219,701	18
9.00		9.00			4-5	1	270	40		3,063,853	19
286.50		286.50				11				156,048	20
98.00		98.00			5	5	140	38		2,070,670	21
175.00		175.00			3	5	145	36		1,163,077	22
13.50		13.50			5	1	160	52		674,294	23
14.40		14.40			4	1	280	52		242,299	24
0.04		0.04			6	1	322	52		69,563	25
0.60		0.60			8	1	462	90		188,165	26
										1,434,846	27

f Operated by the United States government.

g Operated by a company.

h Eighty-eight miles owned by the state, 139 miles by the United States government.

i Cost of construction not separable from that of the Des Moines Rapids canal.

STATISTICS OF TRANSPORTATION.

TABLE 2.—FLOATING EQUIPMENT—NUMBER, TONNAGE, AND VALUATION OF CANAL BOATS, WITH AVERAGES OF TONNAGE AND VALUATION.

STATES.	Canals.	TOW CANAL BOATS.					STEAM CANAL BOATS.				
		Num- ber.	Tonnage.	Average tonnage.	Valuation.	Average valua- tion.	Num- ber.	Tonnage.	Average tonnage.	Valuation.	Average valua- tion.
Total.....		6,376	964,509	151	\$5,300,914	\$831	138	14,676	106	\$453,000	\$3,283
New York.....		3,557	619,003	174	4,073,400	1,145	96	11,208	117	323,100	3,418
	Erie and branches.....	1,743	406,061	233	2,403,500	1,379	96	11,208	117	323,100	3,418
	Oswego.....										
	Cayuga and Seneca.....										
	Champlain.....										
	Black River.....	110	10,345	94	94,950	863					
	Delaware and Hudson.....	750	105,000	140	681,500	909					
New Jersey.....		314	24,120	77	92,275	294					
	Delaware and Raritan (a).....										
	Morris.....	314	24,120	77	92,275	294					
	Penn's Neck (a).....										
Pennsylvania.....		2,134	286,315	134	960,378	450	1	100	100	2,000	2,000
	Pennsylvania.....	318	89,040	280	166,314	523	1	100	100	2,000	2,000
	Delaware and Hudson (see New York).....										
	Susquehanna and Tidewater.....	418	54,340	130	218,614	523					
	Schuylkill Navigation Company.....	125	22,000	176	66,250	530					
	Lehigh Coal and Navigation Company.....	1,273	120,935	95	509,200	400					
Delaware.....	Chesapeake and Delaware (a).....										
Maryland.....	Susquehanna and Tidewater (see Penn- sylvania).....										
Virginia.....	Albemarle and Chesapeake (a).....										
	Dismal Swamp (a).....										
North Carolina.....	Fairfield (a).....										
	Newberne and Beaufort (a).....										
	Albemarle and Chesapeake (a).....										
Georgia.....		25	1,000	40	10,000	400					
	Angusta (a).....										
	Ogeechee.....	25	1,000	40	10,000	400					
Florida.....	Santa Fe (a).....										
Louisiana.....	New Basin (a).....										
	Old Basin (Carondelet) (a).....										
	Harvey's (a).....										
	Company's (a).....										
	Secolas (Tagliaferro) (a).....										
Texas.....	Galveston and Brazos (a).....										
Ohio.....		275	22,000	80	82,500	300	8	640	80	14,400	1,800
	Ohio and branches.....	275	22,000	80	82,500	300	8	640	80	14,400	1,800
	Walhonding.....										
	Hocking.....										
	Miami and Erie.....										
Illinois.....	Illinois and Michigan (a).....	71	12,071	170	82,361	1,160	33	2,728	83	108,500	3,288
Oregon.....	Willamette Transportation and Lock Company. (a).....										

a Ship canal.

CANALS AND CANALIZED RIVERS.

479

TABLE 3.—TRAFFIC—TONS OF FREIGHT CARRIED ON STATE AND CORPORATION CANALS, UNITED STATES GOVERNMENT CANALS, AND CANALIZED RIVERS.

SUMMARY.		TONS.
Total		48,068,325
State and corporation canals		13,269,600
United States government canals		28,507,069
Canalized rivers		6,891,656

A.—STATE AND CORPORATION CANALS.

STATES.	Canals and canalized rivers.	Freight traffic. (Tons.)	STATES.	Canals and canalized rivers.	Freight traffic. (Tons.)
Total		13,269,600	North Carolina		2,124
New York		6,816,304	Fairfield (a)		2,124
Erie and branches		3,673,554	Newberne and Beaufort (a)		
Oswego		170,078	Albemarle and Chesapeake (see Virginia) (a)		
Cayuga and Seneca		196,138	Georgia		40,392
Champlain		1,187,038	Augusta (a)		23,668
Black River		143,561	Ogeechee		16,724
Delaware and Hudson		1,445,935	Florida	Santa Fe (a)	1,000
New Jersey		1,738,905	Louisiana		293,070
Delaware and Raritan (a)		1,276,269	New Basin (a)		226,594
Morris		402,636	Old Basin (Carondelet) (a)		60,476
Penn's Neck (a)			Harvey's (a)		
Pennsylvania		1,359,665	Company's (a)		
Pennsylvania		423,073	Secolas (Tagliaferro) (a)		
Delaware and Hudson (see New York)		125,555	Texas	Galveston and Brazos (a)	
Susquehanna and Tidewater		219,697	Ohio		1,107,176
Schnylkill Navigation Company		591,340	Ohio and branches		120,398
Lehigh Coal and Navigation Company			Walhonding		948
Muncy			Hocking		7,353
Delaware	Chesapeake and Delaware (a)	736,870	Miami and Erie		960,477
Maryland	Susquehanna and Tidewater (see Pennsylvania)		Illinois	Illinois and Michigan (a)	742,391
Virginia		395,004	Oregon	Willamette Transportation and Lock Company. (a)	36,690
Albemarle and Chesapeake (a)		316,793			
Dismal Swamp (a)		78,211			

B.—UNITED STATES GOVERNMENT CANALS.

Total		28,507,069	Alabama	Coosa (a)	
Michigan		27,491,869	Kentucky	Louisville and Portland (a)	618,060
St. Mary Falls (a)		7,516,022	Tennessee		
Lake Superior (a)		8,284	Muscle Shoals (a)		
Keweenaw Bay and Portage Lake (a)		249,703	Elk River Shoals (a)		
St. Clair Flats (a)		19,717,860			
Iowa	Des Moines Rapids (a)	397,140			

C.—CANALIZED RIVERS.

Total		6,891,656	Ohio	Muskingum	10,281
Maine	Songo		Illinois	Illinois	180,264
New York	Black		Iowa	Mississippi (Des Moines Rapids)	397,140
Oneida			Wisconsin		671,952
Seneca			Fox		346,475
Pennsylvania		3,204,932	Chippewa		325,477
Monongahela		3,294,932	Kentucky		1,076,228
Ohio			Kentucky		256,950
Beaver			Green and Barren		819,278
Virginia	Upper Appomattox		Big Sandy		
West Virginia		1,260,859	Tennessee	Cumberland	
Great Kanawha		1,145,202	Alabama	Black Warrior	
Little Kanawha		115,657	Oregon	Columbia	

a Ship canal.

STATISTICS OF TRANSPORTATION.

TABLE 4.—INCOME AND EXPENDITURES—GROSS EARNINGS, EXPENSES, AND NET EARNINGS OF CANALS. (a)

STATES.	Canals.	Gross earnings.	Expenses.	Net earnings.	Net loss.
Total.....		\$4,089,132.26	\$2,122,376.00	\$1,966,756.26	.....
New York.....		916,884.83	1,037,824.33		\$120,939.50
	Erie and branches.....	} 857,297.86	786,257.86	71,040.00	.....
	Oswego.....				
	Cayuga and Seneca.....				
	Champlain.....				
	Black River.....	59,586.97	251,566.47		191,979.50
	Delaware and Hudson.....				
New Jersey.....		335,239.81	301,635.25	33,604.56	.....
	Delaware and Raritan (b).....	335,239.81	301,635.25	33,604.56	.....
	Morris.....				
	Penn's Neck (b).....				
Pennsylvania.....		2,430,829.04	476,169.34	1,954,659.70	.....
	Pennsylvania.....	172,342.19	228,808.99		56,466.80
	Delaware and Hudson (see New York).....				
	Susquehanna and Tidewater.....	18,189.30	88,897.55		70,708.25
	Schuylkill Navigation Company.....	102,010.38	43,309.18	58,701.20	
	Lehigh Coal and Navigation Company.....	2,138,287.17	115,153.62	2,023,133.55	
	Muncy.....				
Delaware.....		189,117.61	51,786.38	137,331.23	.....
	Chesapeake and Delaware (b).....	189,117.61	51,786.38	137,331.23	.....
Maryland.....	Susquehanna and Tidewater (see Pennsylvania).....				
Virginia.....	Albemarle and Chesapeake (b).....				
	Dismal Swamp (b).....				
North Carolina.....	Fairfield (b).....				
	Newbern and Beaufort (b).....				
	Albemarle and Chesapeake (see Virginia) (b).....				
Georgia.....		5,000.00	5,500.00		500.00
	Augusta (b).....				
	Ogeechee.....	5,000.00	5,500.00		500.00
Florida.....	Santa Fe (b).....				
Louisiana.....	New Basin (b).....				
	Old Basin (Carondelet) (b).....				
	Harvey's (b).....				
	Company's (b).....				
	Secolas (Tagliaferro) (b).....				
Texas.....	Galveston and Brazos (b).....				
Ohio.....		110,987.46	163,981.75		52,994.29
	Ohio and branches.....	28,005.47	88,519.30		60,513.83
	Walhonding.....	892.12	890.15	1.97	
	Hocking.....	2,613.15	6,219.11		3,605.96
	Miami and Erie.....	79,476.72	68,353.19	11,123.53	
Illinois.....		101,073.51	85,478.95	15,594.56	.....
	Illinois and Michigan (b).....	101,073.51	85,478.95	15,594.56	.....
Oregon.....	Willamette Transportation and Lock Company (b).....				

a The figures given are only for state and corporation canals, neither the United States government canals nor the canalized rivers reporting income or expenditure.

b Ship canal.

CANALS AND CANALIZED RIVERS.

481

TABLE 5.—COMPARATIVE STATISTICS—MILEAGE OPERATED IN 1880 AND 1889 BY STATE AND CORPORATION CANALS, UNITED STATES GOVERNMENT CANALS, AND CANALIZED RIVERS.

SUMMARY.

CANALS AND CANALIZED RIVERS.		Miles operated in 1889 (including slack-water).	Miles operated in 1880 (including slack-water).	Increase.	Decrease.
Total		3,383.27	3,235.78	147.49	.....
State and corporation canals		2,264.60	2,746.18	.....	481.58
United States government canals		40.63	10.00	30.63	.....
Canalized rivers		1,078.04	479.60	598.44	.....

A.—STATE AND CORPORATION CANALS.

STATES.	Canals.	Miles operated in 1889 (including slack-water).	Miles operated in 1880 (including slack-water).	Increase.	Decrease.	STATES.	Canals.	Miles operated in 1889 (including slack-water).	Miles operated in 1880 (including slack-water).	Increase.	Decrease.
Total		2,264.60	2,746.18	.....	481.58	North Carolina		13.00	13.00	.....	.....
New York		646.60	702.84	.....	56.18	Fairfield (a)		4.50	4.50	.....	.....
Erie and branches		381.39	395.07	.....	13.68	Newberne and Beaufort. (a)		3.00	3.00	.....	.....
Oswego		38.00	38.00	.....	.....	Albemarle and Chesapeake. (a)		5.50	5.50	.....	.....
Cayuga and Seneca		24.77	24.77	.....	.....	Georgia		25.00	25.00	.....	.....
Champlain		81.00	81.00	.....	.....	Augusta (a)		9.00	9.00	.....	.....
Black River		35.50	78.00	.....	42.50	Ogeechee		16.00	16.00	.....	.....
Delaware and Hudson		86.00	86.00	.....	.....	Florida		10.50	10.50	.....	.....
New Jersey		171.02	171.02	.....	.....	Santa Fe (a) .....		.....	.....	.....	.....
Delaware and Raritan (a)		66.00	66.00	.....	.....	Louisiana		38.25	28.00	10.25	.....
Morris		103.00	103.00	.....	.....	New Basin (a)		6.50	6.50	.....	.....
Penn's Neck (a)		2.02	2.02	.....	.....	Old Basin (Carondelet) (a)		2.00	2.00	.....	.....
Pennsylvania		464.98	689.62	.....	224.64	Harvey's (a)		5.75	5.75	.....	.....
Pennsylvania		193.00	333.00	.....	140.00	Company's (a)		22.25	12.00	10.25	.....
Delaware and Hudson		25.00	25.00	.....	.....	Secolas (Tagliaferro) (a)		1.75	1.75	.....	.....
Susquehanna and Tidewater		30.00	30.00	.....	.....	Texas		38.00	38.00	.....	.....
Union			84.64	.....	84.64	Ohio		658.00	674.25	.....	16.25
Schuylkill Navigation Company		108.23	108.23	.....	.....	Ohio and branches		317.00	323.00	.....	6.00
Lehigh Coal and Navigation Company		108.00	108.00	.....	.....	Walbonding		25.00	25.00	.....	.....
Muncy		0.75	0.75	.....	.....	Hocking		42.00	42.00	.....	.....
Delaware		14.00	14.00	.....	.....	Miami and Erie		274.00	284.25	.....	10.25
Maryland		15.00	199.50	.....	184.50	Illinois		102.00	102.00	.....	.....
Chesapeake and Delaware. (a)						Oregon		0.75	0.75	.....	.....
Maryland		15.00	184.50	.....	169.50	Willamette Transportation and Lock Company. (a) .....		.....	.....	.....	.....
Chesapeake and Ohio		(b)	184.50	.....	169.50	Michigan .....		.....	3.14	.....	3.14
Susquehanna and Tidewater		15.00	15.00	.....	.....	St. Mary Falls (a) .....		.....	1.02	.....	1.02
Virginia		67.44	74.56	.....	7.12	Lake Superior (a) .....		.....	2.12	.....	2.12
Albemarle and Chesapeake. (a)		38.44	38.44	.....	.....						
Dismal Swamp (a)		29.00	29.00	.....	.....						
Alexandria and Georgetown			7.12	.....	7.12						

B.—UNITED STATES GOVERNMENT CANALS.

Total		40.63	10.00	30.63	.....	Iowa	Des Moines Rapids (a)	7.60	7.60	.....	.....
Michigan		9.33	.....	9.33	.....	Alabama	Coosa (a)	5.30	.....	5.30	.....
St. Mary Falls (a)		1.02	.....	1.02	.....	Kentucky	Louisville and Portland. (a)	2.40	2.40	.....	.....
Lake Superior (a)		2.12	.....	2.12	.....	Tennessee .....	.....	16.00	.....	16.00	.....
Keweenaw Bay and Portage Lake. (a)		5.00	.....	5.00	.....	Mississippi Shoals (a) .....	.....	14.50	.....	14.50	.....
St. Clair Flats (a)		1.19	.....	1.19	.....	Elk River Shoals (a) .....	.....	1.50	.....	1.50	.....

a Ship canal.

b Rendered useless in 1889 by the floods of June of that year.

STATISTICS OF TRANSPORTATION.

TABLE 5.—COMPARATIVE STATISTICS—MILEAGE OPERATED IN 1880 AND 1889 BY STATE AND CORPORATION CANALS, UNITED STATES GOVERNMENT CANALS, AND CANALIZED RIVERS—Continued.

C.—CANALIZED RIVERS.

STATES.	Canalized rivers.	Miles operated in 1889 (including slack-water.)	Miles operated in 1880 (including slack-water.)	Increase.	Decrease.	STATES.	Canalized rivers.	Miles operated in 1889 (including slack-water.)	Miles operated in 1880 (including slack-water.)	Increase.	Decrease.
Total		1,078.04	479.60	598.44	.....	Ohio	Muskingum	75.00	75.00	.....	.....
Maine	Songo	7.00	7.00	.....	.....	Illinois	Illinois	227.00	.....	227.00	.....
New York		70.20	27.70	42.50	.....	Iowa	Mississippi (Des Moines rapids)	4.40	.....	4.40	.....
	Black	42.50	.....	42.50	.....	Wisconsin		169.40	169.40	.....	.....
	Oneida	20.00	20.00	.....	.....		Fox	160.40	160.40	.....	.....
	Seneca	7.70	7.70	.....	.....		Chippewa	9.00	9.00	.....	.....
Pennsylvania		114.00	91.00	23.00	.....			286.50	.....	286.50	.....
	Monongahela	102.00	85.00	17.00	.....	Kentucky		98.00	.....	98.00	.....
	Ohio (Davis island)	6.00	.....	6.00	.....		Kentucky Green and Barren	175.00	.....	175.00	.....
	Beaver	6.00	6.00	.....	.....		Big Sandy	13.50	.....	13.50	.....
Virginia	Upper Appomattox	11.50	11.50	.....	.....	Tennessee	Cumberland	14.40	.....	14.40	.....
West Virginia		98.00	98.00	.....	.....	Alabama	Black Warrior	0.04	.....	0.04	.....
	Great Kanawha	58.00	58.00	.....	.....	Oregon	Columbia (at Cascades) ..	0.60	.....	0.60	.....
	Little Kanawha	40.00	40.00	.....	.....						

TABLE 6.—COMPARATIVE STATISTICS—LENGTH AND COST OF ABANDONED CANALS UP TO 1880 AND FROM 1880 TO 1889.

STATES.	Canals.	Length. (Miles.)	Cost of construction.
Total up to 1880		2,215.25	\$51,171,016
Total up to 1880		1,953.56	44,013,166
Total 1880 to 1889		261.69	7,157,850
New York	Erie and branches (part)	13.68	.....
Pennsylvania		224.64	5,907,850
	Pennsylvania (part)	140.00	.....
	Union	84.64	5,907,850
Virginia	Alexandria and Georgetown	7.12	1,250,000
Ohio		16.25	.....
	Ohio and branches (part)	6.00	.....
	Miami and Erie (part)	10.25	.....

CANALS AND CANALIZED RIVERS.

483

TABLE 7.—COMPARATIVE STATISTICS—FREIGHT TRAFFIC IN 1880 AND 1889.

SUMMARY.

CANALS AND CANALIZED RIVERS—	MILES (INCLUDING SLACKWATER).				FREIGHT TRAFFIC (TONS).			
	1889	1880	Increase.	Decrease.	1889	1880	Increase.	Decrease.
Total.....	3,383.27	3,235.78	147.49	.....	48,608,325	21,044,292	27,624,033	.....
Reporting freight traffic in 1880 and 1889	2,356.83	2,552.26	.....	195.43	16,537,123	18,978,971	.....	2,441,848
Reporting freight traffic in 1880 or 1889	805.15	570.82	234.33	.....	32,131,202	2,065,321	30,065,881	.....
Not reporting in either 1880 or 1889.....	221.29	112.70	108.59	.....	.....	.....	.....	.....

A.—CANALS AND CANALIZED RIVERS REPORTING FREIGHT TRAFFIC IN 1880 AND 1889.

STATES.	Canals and canalized rivers.	MILES (INCLUDING SLACKWATER).				FREIGHT TRAFFIC (TONS).			
		1889	1880	Increase.	Decrease.	1889	1880	Increase.	Decrease.
Total.....		2,356.83	2,552.26	.....	195.43	16,537,123	18,978,971	.....	2,441,848
New York.....	State and corporation canals	640.66	702.84	.....	56.18	6,816,304	7,766,969	.....	950,665
	Erie and branches	381.39	385.07	.....	13.68	3,673,554	4,608,651	.....	935,097
	Oswego	38.00	38.00	.....	.....	170,078	427,863	.....	257,785
	Cayuga and Seneca	24.77	24.77	.....	.....	196,138	125,331	70,807	.....
	Champlain	81.00	81.00	.....	.....	1,187,038	1,200,503	.....	13,465
	Black River	35.50	78.00	.....	42.50	143,561	75,308	68,253	.....
	Delaware and Hudson	86.00	86.00	.....	.....	1,445,935	1,329,313	116,622	.....
New Jersey	State and corporation canals	109.00	169.00	.....	.....	1,738,905	1,851,568	.....	112,663
	Delaware and Raritan (a).....	66.00	66.00	.....	.....	1,276,269	1,348,082	.....	71,813
	Morris	103.00	103.00	.....	.....	462,636	503,486	.....	40,850
Pennsylvania.....	.....	560.23	689.23	.....	123.00	4,654,597	6,024,247	.....	1,369,650
	State and corporation canals.....	464.23	604.23	.....	140.00	1,350,665	2,573,847	.....	1,214,182
	Pennsylvania.....	193.00	333.00	.....	140.00	423,073	861,798	.....	438,725
	Susquehanna and Tidewater	30.00	30.00	.....	.....	125,555	369,205	.....	233,740
	Schuylkill Navigation Company	108.23	108.23	.....	.....	219,697	630,416	.....	410,719
	Lehigh Coal and Navigation Company	108.00	108.00	.....	.....	591,340	710,338	.....	127,998
	Delaware and Hudson (see New York)	25.00	25.00	.....	.....	.....	.....	.....	.....
	Canalized rivers:								
	Monongahela	102.00	85.00	17.00	.....	3,204,932	3,450,400	.....	155,468
Delaware	State and corporation canals:								
	Chesapeake and Delaware (a).....	14.00	14.00	.....	.....	736,879	959,146	.....	222,267
Maryland.....	State and corporation canals:								
	Susquehanna and Tidewater (see Pennsylvania)	15.00	15.00	.....	.....	.....	.....	.....	.....
Virginia.....	State and corporation canals.....	67.44	67.44	.....	.....	595,004	406,731	.....	11,727
	Albemarle and Chesapeake (a).....	38.44	38.44	.....	.....	316,793	400,000	.....	83,207
	Dismal Swamp (a).....	20.00	29.00	.....	.....	78,211	6,731	71,480	.....
North Carolina	State and corporation canals.....	10.00	10.00	.....	.....	2,124	40,000	.....	87,876
	Albemarle and Chesapeake (see Virginia) (a)	5.50	5.50	.....	.....	.....	.....	.....	.....
	Fairfield (a).....	4.50	4.50	.....	.....	2,124	40,000	.....	37,876
Georgia.....	State and corporation canals.....	25.00	25.00	.....	.....	40,392	23,602	16,790	.....
	Augusta (a).....	9.00	9.00	.....	.....	23,668	2,697	20,971	.....
	Ogeechee	16.00	16.00	.....	.....	16,724	20,905	.....	4,181
Louisiana.....	State and corporation canals.....	8.50	8.50	.....	.....	293,070	318,096	.....	25,026
	New Basin (a).....	6.50	6.50	.....	.....	226,594	177,108	49,486	.....
	Old Basin (Carondelet) (a)	2.00	2.00	.....	.....	66,476	140,988	.....	74,512
Ohio.....	.....	733.00	749.25	.....	16.25	1,117,457	837,252	280,205	.....
	State and corporation canals.....	658.00	674.25	.....	16.25	1,107,176	791,962	315,214	.....
	Ohio and branches.....	317.00	323.00	.....	6.00	129,398	429,626	.....	300,228
	Walhonding	25.00	25.00	.....	.....	948	3,309	.....	2,361
	Hocking	42.00	42.00	.....	.....	7,353	35,290	.....	27,937
	Miami and Erie.....	274.00	284.25	.....	10.25	969,477	323,737	645,740	.....
	Canalized rivers:								
	Muskingum	75.00	75.00	.....	.....	10,281	45,290	.....	35,009
Illinois	State and corporation canals:								
	Illinois and Michigan (a).....	102.00	102.00	.....	.....	742,391	751,360	.....	8,969

a Ship canal.

STATISTICS OF TRANSPORTATION.

TABLE 7.—COMPARATIVE STATISTICS—FREIGHT TRAFFIC IN 1880 AND 1889—Continued.

B.—CANALS AND CANALIZED RIVERS REPORTING FREIGHT TRAFFIC IN 1880 OR 1889.

STATES.	Canals and canalized rivers.	MILES (INCLUDING SLACKWATER).				FREIGHT TRAFFIC (TONS).			
		1889	1880	Increase.	Decrease.	1889	1880	Increase.	Decrease.
Total		805.15	570.82	234.33	.....	32,131,202	2,065,321	30,065,881	.....
New Jersey	State and corporation canals: Penn's Neck (a)	2.02	2.02	.....	.....	.....	6,000	.....	6,000
Pennsylvania	State and corporation canals	0.75	85.39	.....	84.64	.....	33,688	.....	33,688
	Union Muncy	0.75	84.64 0.75	.....	84.64	.....	29,853 3,835	.....	29,853 3,835
Maryland	State and corporation canals: Chesapeake and Ohio	(b)	184.50	.....	184.50	.....	655,423	.....	655,423
Virginia	State and corporation canals: Alexandria and Georgetown .....	.....	7.12	.....	7.12	.....	125,931	.....	125,931
West Virginia	Canalized rivers	98.00	98.00	.....	.....	1,260,859	.....	1,260,859	.....
	Great Kanawha	58.00	58.00	.....	.....	1,145,202	.....	1,145,202	.....
	Little Kanawha	40.00	40.00	.....	.....	115,657	.....	115,657	.....
Kentucky .....	.....	275.40	2.40	273.00	.....	1,094,288	.....	1,094,288	.....
	United States government canals: Louisville and Portland (a)	2.40	2.40	.....	.....	618,000	.....	618,000	.....
	Canalized rivers	273.00	.....	273.00	.....	1,076,228	.....	1,076,228	.....
	Kentucky	98.00	.....	98.00	.....	256,950	.....	256,950	.....
	Green and Barren	175.00	.....	175.00	.....	819,278	.....	819,278	.....
Iowa .....	.....	12.00	7.60	4.40	.....	794,280	.....	794,280	.....
	United States government canals: Des Moines Rapids (a)	7.60	7.60	.....	.....	397,140	.....	397,140	.....
	Canalized rivers: Mississippi (Des Moines rapids)	4.40	.....	4.40	.....	397,140	.....	397,140	.....
Michigan .....	.....	9.33	3.14	6.19	.....	27,491,869	1,244,279	26,247,590	.....
	State and corporation canals .....	.....	3.14	.....	3.14	.....	1,244,279	.....	1,244,279
	St. Mary Falls (a) .....	.....	1.02	.....	1.02	.....	1,244,279	.....	1,244,279
	Lake Superior (a) .....	.....	2.12	.....	2.12	.....	.....	.....	.....
	United States government canals	9.33	.....	9.33	.....	27,491,869	.....	27,491,869	.....
	St. Mary Falls (a)	1.02	.....	1.02	.....	7,516,022	.....	7,516,022	.....
	Lake Superior (a)	2.12	.....	2.12	.....	8,284	.....	8,284	.....
	Keweenaw Bay and Portage Lake (a)	5.00	.....	5.00	.....	249,703	.....	249,703	.....
	St. Clair Flats (a)	1.19	.....	1.19	.....	19,717,860	.....	19,717,860	.....
Illinois	Canalized rivers: Illinois	227.00	.....	227.00	.....	180,264	.....	180,264	.....
Wisconsin	Canalized rivers	160.40	160.40	.....	.....	671,952	.....	671,952	.....
	Fox	160.40	160.40	.....	.....	346,475	.....	346,475	.....
	Chippewa	9.00	9.00	.....	.....	325,477	.....	325,477	.....
Florida	State and corporation canals: Santa Fe (a)	10.50	10.50	.....	.....	1,000	.....	1,000	.....
Oregon	State and corporation canals: Willamette Transportation and Lock Company (a) ..	0.75	0.75	.....	.....	36,690	.....	36,690	.....

a Ship canal.

b Rendered useless in 1889 by the floods of June of that year.

CANALS AND CANALIZED RIVERS.

485

TABLE 7.—COMPARATIVE STATISTICS—FREIGHT TRAFFIC IN 1880 AND 1889—Continued.

C.—CANALS AND CANALIZED RIVERS NOT REPORTING FREIGHT TRAFFIC IN EITHER 1880 OR 1889.

STATES.	Canals and canalized rivers.	MILES (INCLUDING SLACKWATER).				FREIGHT TRAFFIC (TONS).			
		1889	1880	Increase.	Decrease.	1889	1880	Increase.	Decrease.
Total		221.29	112.70	108.59					
Maine	Canalized rivers: Songo.....	7.00	7.00						
New York	Canalized rivers	70.20	27.70	42.50					
	Black.....	42.50		42.50					
	Oneida.....	20.00	20.00						
	Seneca.....	7.70	7.70						
Pennsylvania.....	Canalized rivers	12.00	6.00	6.00					
	Ohio (Davis island)	6.00		6.00					
	Beaver.....	6.00	6.00						
Virginia	Canalized rivers: Upper Appomattox.....	11.50	11.50						
North Carolina	State and corporation canals: Newberne and Beaufort (a)	3.00	3.00						
Louisiana.....	State and corporation canals:	29.75	10.50	10.25					
	Harvey's (a)	5.75	5.75						
	Company's (a)	22.25	12.00	10.25					
	Secolas (Tagliaferro) (a)	1.75	1.75						
Texas.....	State and corporation canals: Galveston and Brazos (a)	38.00	38.00						
Alabama.....		5.34		5.34					
	United States government canals: Coosa (a)	5.30		5.30					
	Canalized rivers: Black Warrior.....	0.04		0.04					
Tennessee		30.40		30.40					
	United States government canals.....	16.00		16.00					
	Muscle Shoals (a)	14.50		14.50					
	Elk River Shoals (a)	1.50		1.50					
	Canalized rivers: Cumberland.....	14.40		14.40					
Kentucky.....	Canalized rivers: Big Sandy	13.50		13.50					
Oregon.....	Canalized rivers: Columbia	0.60		0.60					

a Ship canal.

STATISTICS OF TRANSPORTATION.

TABLE 8.—COMPARATIVE STATISTICS—INCOME

SUMMARY.

	CANALS—	MILES (INCLUDING SLACKWATER).			
		1889	1880	Increase.	Decrease.
1	Total	2,305.23	2,756.18	.....	450.95
2	Reporting income and expenditures in 1880 and 1889	1,902.39	2,072.32	.....	169.93
3	Reporting income and expenditures in 1880 or 1889	339.58	648.09	.....	308.51
4	Not reporting income and expenditures in either 1880 or 1889	63.26	35.77	27.49	.....

A.—CANALS REPORTING INCOME AND EXPENDITURES IN 1880 AND 1889.

	STATES.	Canals.	MILES (INCLUDING SLACKWATER).			
			1889	1880	Increase.	Decrease.
1	Total		1,902.39	2,072.32	.....	169.93
2	New York		530.16	543.84	.....	13.68
3		{ Erie and branches	381.39	395.07	.....	13.68
4		{ Oswego	38.00	38.00	.....	.....
		{ Cayuga and Seneca	24.77	24.77	.....	.....
		{ Delaware and Hudson	86.00	86.00	.....	.....
5	New Jersey	Morris	103.00	103.00	.....	.....
6	Pennsylvania		404.23	604.23	.....	140.00
7		Pennsylvania	193.00	333.00	.....	140.00
8		Susquehanna and Tidewater	30.00	30.00	.....	.....
9		Schuylkill Navigation Company	108.23	108.23	.....	.....
10		Lehigh Coal and Navigation Company	108.00	108.00	.....	.....
11		Delaware and Hudson	25.00	25.00	.....	.....
12	Delaware	Chesapeake and Delaware (a)	14.00	14.00	.....	.....
13	Maryland	Susquehanna and Tidewater	15.00	15.00	.....	.....
14	Georgia	Ogeechee	16.00	16.00	.....	.....
15	Ohio		658.00	674.25	.....	16.25
16		{ Ohio and branches	317.00	323.00	.....	6.00
		{ Walhonding	25.00	25.00	.....	.....
		{ Hocking	42.00	42.00	.....	.....
		{ Miami and Erie	274.00	284.25	.....	10.25
17	Illinois	Illinois and Michigan (a)	102.00	102.00	.....	.....

B.—CANALS REPORTING INCOME AND EXPENDITURES IN 1880 OR 1889.

1	Total		339.58	648.09	.....	308.51
2	New York		116.50	159.00	.....	42.50
3		Champlain	81.00	81.00	.....	.....
4		Black River	35.50	78.00	.....	42.50
5	New Jersey	Delaware and Raritan (a)	66.00	66.00	.....	.....
6	Pennsylvania		0.75	85.39	.....	84.64
7		Union .....	.....	84.64	.....	84.64
8		Muncy	0.75	0.75	.....	.....
9	Maryland	Chesapeake and Ohio	(b)	184.50	.....	184.50
10	Virginia		67.44	74.56	.....	7.12
11		Albemarle and Chesapeake (a)	38.44	38.44	.....	.....
12		Dismal Swamp (a)	29.00	29.00	.....	.....
13		Alexandria and Georgetown .....	.....	7.12	.....	7.12
14	North Carolina		10.00	10.00	.....	.....
15		Fairfield (a)	4.50	4.50	.....	.....
16		Albemarle and Chesapeake (see Virginia) (a)	5.50	5.50	.....	.....
17	Georgia	Augusta (a)	9.00	9.00	.....	.....
18	Louisiana		28.75	18.50	10.25	.....
19		New Basin (a)	6.50	6.50	.....	.....
20		Company's (a)	22.25	12.00	10.25	.....
21	Texas	Galveston and Brazos (a)	38.00	38.00	.....	.....
22	Michigan		3.14	3.14	.....	.....
23		St. Mary Falls (a)	1.02	1.02	.....	.....
24		Lake Superior (a)	2.12	2.12	.....	.....

a Ship canal.

CANALS AND CANALIZED RIVERS.

487

AND EXPENDITURES IN 1880 AND 1889.

SUMMARY.

1889				1880				
Gross earnings.	Expenses.	Net earnings.	Net loss.	Gross earnings.	Expenses.	Net earnings.	Net loss.	
\$4,089,132.26	\$2,122,376.00	\$1,966,756.26	.....	\$4,302,185.00	\$2,875,335.00	\$1,426,850.00	.....	1
4,089,132.26	2,122,376.00	1,966,756.26	.....	3,202,148.00	1,977,636.00	1,224,512.00	.....	2
				1,100,037.00	897,699.00	202,338.00	.....	3
								4

A.—CANALS REPORTING INCOME AND EXPENDITURES IN 1880 AND 1889.

1889				1880				
Gross earnings.	Expenses.	Net earnings.	Net loss.	Gross earnings.	Expenses.	Net earnings.	Net loss.	
\$4,089,132.26	\$2,122,376.00	\$1,966,756.26	.....	\$3,202,148.00	\$1,977,636.00	\$1,224,512.00	.....	1
916,884.83	1,037,824.33	.....	\$120,939.50	1,176,111.00	912,061.00	264,050.00	.....	2
857,297.86	786,257.86	71,040.00	.....	1,136,611.00	727,789.00	408,822.00	.....	3
59,586.97	251,566.47	.....	191,979.50	39,500.00	184,272.00	.....	\$144,772.00	4
335,239.81	301,635.25	33,004.56	.....	215,677.00	160,418.00	55,259.00	.....	5
2,430,829.04	476,109.34	1,954,659.70	.....	1,298,017.00	503,924.00	792,093.00	.....	6
172,342.19	228,808.99	.....	56,466.80	368,770.00	177,826.00	190,944.00	.....	7
18,189.30	88,897.55	.....	70,708.25	55,260.00	35,979.00	19,281.00	.....	8
102,010.38	43,309.18	58,701.20	.....	573,133.00	169,952.00	403,181.00	.....	9
2,138,287.17	115,153.62	2,023,133.55	.....	300,854.00	122,167.00	178,687.00	.....	10
189,117.61	51,786.38	137,331.23	.....	201,783.00	62,245.00	139,538.00	.....	11
5,000.00	5,500.00	.....	500.00	7,300.00	6,980.00	320.00	.....	12
110,987.46	163,981.75	.....	52,994.29	195,655.00	204,407.00	.....	8,752.00	13
110,987.46	163,981.75	.....	52,994.29	195,655.00	204,407.00	.....	8,752.00	14
101,073.51	85,478.95	15,594.56	.....	107,605.00	125,601.00	.....	17,936.00	15

B.—CANALS REPORTING INCOME AND EXPENDITURES IN 1880 OR 1889.

				1,100,037	897,699	202,338	.....	1
				63,067	187,913	.....	124,846	2
				51,267	136,520	.....	85,253	3
				11,800	51,393	.....	39,593	4
				419,431	331,344	88,087	.....	5
				27,072	22,515	4,557	.....	6
				26,997	22,496	4,501	.....	7
				75	19	56	.....	8
				372,616	227,277	145,339	.....	9
				104,048	71,632	32,416	.....	10
				86,138	56,432	29,706	.....	11
				13,524	6,000	7,524	.....	12
				4,386	9,200	.....	4,814	13
				8,000	3,000	5,000	.....	14
				8,000	3,000	5,000	.....	15
				20,909	7,382	13,527	.....	16
				27,840	13,650	14,190	.....	17
				20,340	13,650	6,690	.....	18
				7,500	.....	7,500	.....	19
				4,535	3,454	1,081	.....	20
				52,519	20,532	22,987	.....	21
				44,743	23,437	21,306	.....	22
				7,776	6,095	1,681	.....	23

b Rendered useless in 1889 by the floods of June of that year.

STATISTICS OF TRANSPORTATION.

TABLE 8.—COMPARATIVE STATISTICS—INCOME AND EXPENDITURES IN 1880 AND 1889—Continued.

C.—CANALS NOT REPORTING INCOME AND EXPENDITURES IN EITHER 1880 OR 1889.

STATES.	Canals.	MILES (INCLUDING SLACKWATER).			
		1889	1880	Increase.	Decrease.
Total		63.26	35.77	27.49	
New Jersey	Penn's Neck (a)	2.02	2.02		
North Carolina	Newberne and Beaufort (a)	3.00	3.00		
Florida	Santa Fe (a)	10.50	10.50		
Louisiana		9.50	9.50		
	Old Basin (Carondelet) (a)	2.00	2.00		
	Harvey's (a)	5.75	5.75		
	Secolas (Tagliaferro) (a)	1.75	1.75		
Oregon	Willamette Transportation and Lock Company (a)	0.75	0.75		
Michigan		6.19		6.19	
	Keweenaw Bay and Portage Lake (a)	5.00		5.00	
	St. Clair Flats (a)	1.19		1.19	
Iowa	Des Moines Rapids (a)	7.60	7.60		
Alabama	Coosa (a)	5.30		5.30	
Kentucky	Louisville and Portland (a)	2.40	2.40		
Tennessee		16.00		16.00	
	Muscle Shoals (a)	14.50		14.50	
	Elk River Shoals (a)	1.50		1.50	

a Ship canal.

TRANSPORTATION BY EXPRESS COMPANIES.

TRANSPORTATION BY EXPRESS COMPANIES.

BY THOMAS J. VIVIAN.

The present is the first census report made upon the business of the express companies of the country. It was the intent to include the express business in the Tenth Census, but the law was found inadequate in the circumstances, as explained in volume IV, of the report of the census of 1880.

The report for 1890 is the result of more recent legislation and the hearty co-operation of the express companies.

EXISTING AND MERGED COMPANIES.

The express companies from which reports were sought were those which shipped freight over some railroad, stage, or water line of the United States, in charge of their agents or messengers, and whose business was not confined to one town. From those express companies which were in existence during the years 1880 to 1889, inclusive, material was gathered for a table showing the mileage operated by them during that period.

In the following parallel columns there are given the lists of those companies which were in operation during the year ending June 30, 1890, and those companies which, during the decade 1880-1889, inclusive, were either discontinued or absorbed into other similar carrying organizations, the facts relative to their discontinuance being given in Table 1:

THE EIGHTEEN EXPRESS COMPANIES OPERATING IN THE UNITED STATES DURING THE YEAR ENDING JUNE 30, 1890.	THE THIRTEEN EXPRESS COMPANIES WHICH LAPSED DURING THE DECADE 1880-1889, INCLUSIVE.
Adams Express Company. American Express Company. Camden and Atlantic Express Company. Canadian Express Company. Cincinnati, Georgetown and Portsmouth Express Company. Denver and Rio Grande Express. Dominion Express Company. Earle & Prew's Express. Long Island Express Company. National Express Company. New England Despatch Express Company. New York and Boston Despatch Express Company. Northern Pacific Express Company. Pacific Express Company. Southern Express Company. United States Express Company. Wells, Fargo & Co.'s Express. West Jersey Express Company.	Baltimore and Ohio Express Company. Delaware, Lackawanna and Western Express Company. Erie and New England Express Company. Erie Express Company. Louisville, New Albany and Chicago Express Company. Ohio and Mississippi Express Company. Philadelphia and Reading Express Company. Pittsburg and Western Express Company. St. Louis, Iron Mountain and Southern Express Company. Texas Express Company. Union Express Company. United States and Canada Express Company. Westcott's Express Company.

Two foreign companies, the Canadian and Dominion, operate over mileage in the United States. The Dominion Express Company courteously furnished all the information asked for, but the Canadian Express Company furnished only a statement of the mileage operated in the United States during the years 1880-1889, inclusive.

As will be seen by their titles, many of the discontinued companies were operated by the railroads whose names they bear, the attempt to combine the express business with their original occupation as common carriers having been made at one time or another by most of the large railroad organizations, while the other companies have lost their corporate identity through the processes of consolidation. These processes of consolidation have been almost as active among express companies as among railroads. Some of the surviving concerns represent the consolidation of dozens of earlier companies.

PLAN OF THE TABLES.

For the presentation of the statistical results of the investigation by the Eleventh Census into the express industry, the following 6 tables have been prepared :

Table 1.—Mileage operated by express companies during the years 1880-1890, inclusive.

Table 2.—Mileage operated by express companies on June 30, 1890, given by routes.

Table 3.—Equipment and fixtures of express companies on June 30, 1890.

Table 4.—Employés of express companies on June 30, 1890.

Table 5.—Expenditures of express companies for the year ending June 30, 1890.

Table 6.—Business done by the express companies during the year ending June 30, 1890.

The data in all of these tables are presented in 3 parts, as follows :

Part 1.—By companies in each group.

Part 2.—By company totals.

Part 3.—By group totals.

In addition to these segregations all 3 parts of the first 2 tables are subdivided as follows:

A.—Mileage operated over railways.

B.—Mileage operated over water lines.

C.—Mileage operated over stage lines.

D.—Mileage operated over all lines.

GROUPINGS.

The groups are the same as those to which the assignment of railroad data has been made, the express companies having segregated their business done over the various railroad, water, and stage lines which are operated within these groups.

These groups, with the express companies which operate within them, are as follows:

Group I consists of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. The express companies operating in this group during the years 1880-1890 were:

Adams Express Company.

American Express Company.

Canadian Express Company.

Dominion Express Company.

Earle & Prew's Express.

National Express Company.

New England Despatch Express Company.

New York and Boston Despatch Express Company.

United States and Canada Express Company. (a)

United States Express Company.

Group II consists of New Jersey, Delaware, Maryland, District of Columbia, and so much of New York, Pennsylvania, and West Virginia as lies east and north of a line from Buffalo, N. Y., to Salamanca, N. Y.; thence following the county lines to Pittsburg, Pa.; thence following the Ohio river to Parkersburg, W. Va.; thence across West Virginia to the south end of the west boundary of Maryland. The express companies operating in this group during the years 1880-1890 were:

Adams Express Company.

American Express Company.

Baltimore and Ohio Express Company. (a)

Camden and Atlantic Express Company.

Delaware, Lackawanna and Western Express Company. (a)

Erie Express Company. (a)

Erie and New England Express Company. (a)

Long Island Express Company.

National Express Company.

Philadelphia and Reading Express Company. (a)

Union Express Company. (a)

United States Express Company.

United States and Canada Express Company. (a)

Wells, Fargo & Co.'s Express.

Westcott's Express Company. (a)

West Jersey Express Company.

a Not in operation in the year ending June 30, 1890.

Group III consists of Ohio and Indiana, the southern peninsula of Michigan, and so much of Pennsylvania and New York as lies west of a line from Pittsburg, Pa., to Buffalo, N. Y., via Salamanca N. Y. The express companies operating in this group at some time during the years 1880-1890 were:

- Adams Express Company.
- American Express Company.
- Baltimore and Ohio Express Company. (a)
- Canadian Express Company.
- Cincinnati, Georgetown and Portsmouth Express Company.
- Erie Express Company. (a)
- Louisville, New Albany and Chicago Express Company. (a)
- Ohio and Mississippi Express Company. (a)
- Pacific Express Company.
- Pittsburg and Western Express Company. (a)
- Union Express Company. (a)
- United States Express Company.
- Wells, Fargo & Co.'s Express.

Group IV consists of Virginia, West Virginia (exclusive of that portion in Group II), North Carolina, and South Carolina. The express companies operating in this group during the years 1880-1890 were:

- Adams Express Company.
- Baltimore and Ohio Express Company. (a)
- Southern Express Company.
- United States Express Company.

Group V consists of Kentucky, Tennessee, Mississippi, Alabama, Georgia, and Florida. The express companies operating in this group during the years 1880-1890 were:

- Adams Express Company.
- Baltimore and Ohio Express Company. (a)
- Pacific Express Company.
- Southern Express Company.
- United States Express Company.

Group VI consists of Illinois, Wisconsin, northern peninsula of Michigan, Minnesota, Iowa, North Dakota and South Dakota east of the Missouri river, and Missouri north of the Missouri river. The express companies operating in this group during the years 1880-1890 were:

- Adams Express Company.
- American Express Company.
- Baltimore and Ohio Express Company. (a)
- Northern Pacific Express Company.
- Ohio and Mississippi Express Company. (a)
- Pacific Express Company.
- Southern Express Company.
- United States Express Company.
- Wells, Fargo & Co.'s Express.

Group VII consists of Montana, Wyoming, Nebraska, that portion of North Dakota and South Dakota west of the Missouri river, and that portion of Colorado north of the latitude of Denver. The express companies operating in this group during the years 1880-1890 were:

- American Express Company.
- Northern Pacific Express Company.
- Pacific Express Company.
- United States Express Company. (a)
- Wells, Fargo & Co.'s Express.

Group VIII consists of that part of Missouri south of the Missouri river, Arkansas, Kansas, Indian territory, Oklahoma, that part of Colorado south of the latitude of Denver, that portion of New Mexico north of Santa Fe, and that portion of Texas north of a line from Santa Fe to the southwest corner of Indian territory. The express companies operating in this group during the years 1880-1890 were:

- Adams Express Company.
- American Express Company. (a)
- Denver and Rio Grande Express.
- Pacific Express Company.
- St. Louis, Iron Mountain and Southern Express Company. (a)
- Southern Express Company.
- Texas Express Company. (a)
- United States Express Company.
- Wells, Fargo & Co.'s Express.

Group IX consists of Louisiana, Texas (except that portion allotted to Group VIII), and that portion of the territory of New Mexico lying south of a line from Santa Fe eastward to the southwest corner of Indian territory and east of a line from Santa Fe to El Paso. The express companies operating in this group during the years 1880-1890 were:

Baltimore and Ohio Express Company. (a)
 Pacific Express Company.
 Southern Express Company.
 Texas Express Company. (a)
 United States Express Company.
 Wells, Fargo & Co.'s Express.

Group X consists of California, Oregon, Nevada, Washington, Idaho, Arizona, Utah, and that portion of New Mexico lying west of a line from Santa Fe to El Paso and south of a line from Santa Fe to the northwestern corner of the territory. The express companies operating in this group during the years 1880-1890 were:

Adams Express Company. (a)
 Denver and Rio Grande Express.
 Northern Pacific Express Company.
 Pacific Express Company.
 Wells, Fargo & Co.'s Express.

WHAT THE TABLES SHOW.

Tables 1 and 2 deal with the question of mileage operated by express companies, that is, the number of miles of railroads, water lines, and stage lines over which express companies transport goods. Table 1, "Mileage operated by express companies during the years 1880-1890, inclusive", presents these figures for the 11 years 1880 to 1890, inclusive, and gives details for each of the express companies, the figures in gross being set forth in the following summary:

TABLE A.—SUMMARY SHOWING THE MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILROADS, WATER LINES, AND STAGE LINES FROM 1880 TO 1890, INCLUSIVE. (a)

YEARS.	Total.	Over railroads.	Over water lines.	Over stage lines.
1880.....	102,816.75	90,649.75	7,036.00	5,131.00
1881.....	115,236.28	102,614.28	7,096.00	5,526.00
1882.....	126,393.01	114,129.01	7,366.00	4,898.00
1883.....	141,146.88	128,688.38	8,393.50	4,065.00
1884.....	141,473.19	128,801.09	8,376.50	4,295.00
1885.....	145,179.64	131,557.14	8,538.50	5,084.00
1886.....	152,259.33	139,202.83	8,689.50	4,367.00
1887.....	163,760.66	151,271.16	8,724.50	3,765.00
1888.....	167,628.00	154,406.50	9,014.50	4,207.00
1889.....	169,857.16	157,897.66	8,207.50	3,752.00
1890.....	174,534.51	160,597.51	10,882.00	3,055.00

a The railroad mileage prior to 1890 and the water lines include an undetermined amount of Canadian mileage. The railroad mileage for 1890 includes 475.18 miles of lines in Canada.

The salient facts of this summary are the steady increase of railroad mileage from year to year, the fluctuations of mileage operated over water lines, and the decrease of that operated over stage lines. In 1880, as will be seen, the mileage operated by express companies over railroads was 90,649.75, while in 1890 it was 160,597.51, including Canadian mileage, an increase of 69,947.76 miles for 10 years. The mileage operated over water lines also shows an increase, but it is by no means as large, the increase for 10 years being 3,846 miles, or 54.66 per cent. In the year of greatest increase the mileage of water lines used by express companies was 10,882 for 1890 against 8,207.50 for 1889, an increase of 2,674.50. This increase was largely through the operation, for the first time by the American Express Company in 1890, of steamship companies plying between Boston and Nova Scotia and of others plying between Detroit, Grand Haven, and Milwaukee; through the operation by the United States Express Company of the Choptank Steamboat Company and a line from Salem to Philadelphia, and an increased operation on the Ohio river by the Adams Express Company.

a Not in operation in the year ending June 30, 1890.

VARIATIONS OF MILEAGE.

The variations in the account of operated mileage during the 11 years, as given by groups, are quite pronounced and are due to a variety of causes. In the first place it must be understood that the mileage is that operated by express companies and does not stand as the mileage of the various transportation lines. Fluctuations therefore are those of mileage operated by express companies over certain lines and not of the mileage of the transportation lines themselves, and while the routes operated by the express companies as a rule are well defined, changes are being constantly made in the contracts, not only with the transportation lines but also among express companies themselves. In the next place, it will be observed that while there are fluctuations in the mileage operated in the various groups, the total mileage operated over railways by express companies has gradually increased from 1880 to 1890, inclusive. The only group in which this steadiness of increase has been maintained is Group V, while the other 2 groups in which this increase has been most nearly maintained are Groups VIII and IX. The fact that but 8 groups are represented in that part of the summary dealing with the express mileage operated over water lines is not due to the absence of waterways, but simply to the fact that certain companies have found it expedient or necessary to employ other transportation lines than waterways. The drop in 1890, Group V, is due to the abandonment by the Adams Express Company of its river line between Evansville, Paducah, and Cairo. The small mileage drop in Groups VII and VIII was that of ferries not used in 1890, while the drop in the 1889 mileage of Group X is due to the Pacific Express Company's abandonment of 1,135 miles of the Oregon Railway and Navigation Company's water route.

Another point to be mentioned is the extremely large mileage operated over stage lines in Group X as compared with that operated over similar lines in other groups. No better indication is needed than that furnished by these figures of the great extent of country in this group which is still unfurnished with close railroad communication. Even in this group, however, the mileage operated over stage lines is diminishing, and the mileage so operated in 1890 is but little more than half of that operated in 1880.

In Table 2, "Mileage operated by express companies on June 30, 1890, given by routes", the mileage of the census year is analyzed to the extent of the railroad and water lines over which the express companies operated in each group. The railroads quoted are the controlling or operating lines only. The 475.18 miles of Canadian mileage reported in Groups I and III were operated by certain express companies on their international routes for which it was impossible to effect any segregation of returns.

DUPLICATION OF MILEAGE.

One thing remains to be spoken of in connection with the mileage account, that is, the column of duplications or duplicated mileage, which appears in Table 2. These duplications are due to two causes: (1) arrangements by which one express company operating a certain line of railroad agrees to allow some other express company to ship through bills of lading over that line, reserving to itself, however, the exclusive right of local business; (2) contracts between express companies to have the common use of certain portions of railroad lines on a pro rata basis. The duplicated mileage amounted altogether to 5,924.31 miles, so that although the mileage operated on June 30, 1890, by all the express companies over all railroads amounted to 160,597.51 miles, the net railroad mileage operated by these companies amounted only to 154,673.20 miles. The gross, duplicated, and net mileages by groups are shown in the following table:

TABLE B.—SUMMARY SHOWING THE MILEAGE OPERATED OVER RAILROADS BY EXPRESS COMPANIES ON JUNE 30, 1890, THE DUPLICATED MILEAGE, AND THE NET MILEAGE.

GROUPS.	Gross mileage operated by express companies over railroads.	Duplication in the express mileage.	Net mileage operated by express companies.
Total	a160,597.51	5,924.31	154,673.20
I.....	b8,815.23	1,953.90	6,861.33
II.....	18,068.78	646.91	17,421.87
III.....	c21,762.50	1,258.05	20,504.45
IV.....	8,525.50	51.57	8,473.93
V.....	16,524.48	1,060.84	15,463.64
VI.....	37,848.42	745.36	37,103.06
VII.....	8,785.28	.....	8,785.28
VIII.....	20,154.54	133.68	20,000.86
IX.....	9,088.96	54.00	9,034.96
X.....	11,023.82	.....	11,023.82

a Includes 475.18 miles of line in Canada.

b Includes 174.88 miles of line in Canada.

c Includes 300.30 miles of line in Canada..

STATISTICS OF TRANSPORTATION.

EQUIPMENT AND FIXTURES.

The following summary, which is compiled from the figures of Table 3, presents a statement of the equipment and fixtures of each company making report, together with the value placed by the company on these fixtures:

TABLE C.—SUMMARY SHOWING EQUIPMENT AND FIXTURES OF EXPRESS COMPANIES IN THE UNITED STATES ON JUNE 30, 1890.

ITEMS.	Number.	Value.
Total value of equipment and fixtures.....		\$5,074,045.12
Cars	35	86,416.39
Office safes.....	7,670	582,525.03
Messengers' safes	6,910	125,816.70
Messengers' trunks	5,690	62,624.15
Horses.....	8,291	1,464,476.30
Wagons.....	6,008	1,192,280.44
Sleighs	1,439	65,595.91
Office fixtures.....		1,146,469.72
Stable equipment (including harness)		347,834.48

The significant fact suggested by these figures is that the express business is one which depends upon organization and continuous activity rather than upon an expensive plant.

EMPLOYÉS.

A summary of the information contained in Table 4, "Employés of express companies on June 30, 1890", is as follows:

TABLE D.—SUMMARY SHOWING THE NUMBER OF EMPLOYÉS OF ALL GRADES IN THE SERVICE OF EXPRESS COMPANIES IN THE UNITED STATES ON JUNE 30, 1890.

Total number of employés.....	45,718
General officers	86
Superintendents and route agents	320
General office clerks	1,377
Agents	21,065
Assistants to agents	7,952
Messengers	4,130
Baggage men employed as messengers.....	1,405
Drivers of wagons.....	4,877
All others	4,506

The express business is partly carried on by the employés of the railway companies. Thus the number of baggage men employed as messengers is 1,405 as against 4,130 messengers employed wholly by the express companies. The 21,065 agents returned are entirely within the employ of the companies, as are the superintendents, route agents, office clerks, and drivers.

EXPENDITURES.

The figures given in Table 5, "Expenditures of express companies for the year ending June 30, 1890", include only partial entries for the 4 following railroad express companies: Camden and Atlantic; Cincinnati, Georgetown and Portsmouth; Long Island, and West Jersey, these companies being departments of the railroad corporations owning them and whose names they bear, and having no separately kept expense account. The summarized figures of Table 5 are as follows:

TABLE E.—SUMMARY SHOWING THE EXPENDITURES OF EXPRESS COMPANIES IN THE UNITED STATES FOR THE YEAR ENDING JUNE 30, 1890.

Operating expenses:	
Paid to railways.....	\$19,327,280.49
Paid to water lines	173,222.13
Paid to stage lines.....	60,679.38
Paid for salaries and wages	16,176,097.55
Paid for local expenses and repairs.....	3,560,045.83
Paid for general expenses	826,715.50
Paid for other expenses of operation	2,289,663.82
	\$42,413,704.70
Other payments:	
Taxes	171,370.31
Dividends (8 companies reporting)	3,198,048.31
	3,369,418.62
Total expenditures	45,783,123.32

It will be seen from this summary that the two great items of expenditure are the amount paid to railways, \$19,327,280.49, and that paid out as salaries and wages, \$16,176,097.55. In fact, these two items constitute over 80 per cent of the entire expense of operation. During the census year the dividends paid by the 8 companies reporting such payments amounted to \$3,198,048.31.

OPERATIONS.

Table 6, "Business done by express companies during the year ending June 30, 1890", is summarized as follows:

TABLE F.—SUMMARY SHOWING THE AMOUNT OF BUSINESS DONE BY EXPRESS COMPANIES IN THE UNITED STATES DURING THE YEAR ENDING JUNE 30, 1890.

Number of freight waybills issued.....	44,475,528
Number of packages carried on freight waybills.....	98,118,430
Weight of packages carried on freight waybills in tons.....	1,646,273
Number of money waybills issued.....	11,614,676
Number of packages carried on money waybills.....	17,258,682
Number of money orders issued.....	4,598,567

Some idea of the minutiae of the express business may be gathered from the statement here made that the number of packages carried on freight waybills amounted to 98,118,430, for which were issued no fewer than 44,475,528 waybills; and that for the transportation of 17,258,682 money packages no fewer than 11,614,676 waybills were issued. The weight of the packages carried on money waybills is not given, but that of packages carried on the freight waybills was, it will be seen, only 1,646,273 tons, an amount less than that carried by any small and reasonably busy railroad. The money waybills issued include consignments of jewelry, currency, bonds, coupons, and coin. The number of money orders issued, 4,598,567, indicates the condition of a comparatively new extension of the express business.

CONCENTRATION OF CONTROL.

An inspection of the tables will show that in the express business the great bulk is controlled by the following 6 companies: American, Adams, United States, Wells, Fargo & Co.'s, Southern, and Pacific. The standing of these 6 companies is such that in no department of the returns, whether of mileage, equipment, finance, or operations, do they in the aggregate fall below 90 per cent of the entire returns. A comparison between the mileage figures of 1880 and 1890 will show how very decided has been the growth of the controlling power of the few leading companies. In 1880, out of a total of 102,816.75 miles the 6 companies operated 84,653.60, or 82.33 per cent of the whole, but in 1890, out of a total of 174,534.51 the 6 companies operated 161,657, or 92.62 per cent of the whole. These facts are shown in the following summary:

TABLE G.—STATEMENT SHOWING THE MILEAGE OPERATED BY 6 EXPRESS COMPANIES IN 1880 AND 1890, AS COMPARED WITH THAT OPERATED BY ALL OTHER EXPRESS COMPANIES IN THOSE YEARS.

ITEMS.	1880		1890	
	The 6 leading companies.	The 29 other companies.	The 6 leading companies.	The 11 other companies.
Mileage	84,653.60	18,163.15	161,657.00	12,877.51
Percentage	82.33	17.67	92.62	7.38

STATISTICS OF TRANSPORTATION.

OWNERSHIP AND ORGANIZATION.

It appears that the express business does not date any further back than 1839, while its earliest date as to an organized undertaking is 1850. This year, it further appears, began the period of greatest activity in express organization, the American Express Company being formed into a joint stock company March, 1850, followed by a similar organization on the part of the United States Express Company April 22, 1854, and by the Adams Express Company July 1, 1854. The record of ownership and organization of the express companies whose statistics appear in this report will be found in the following summary:

TABLE H.—STATEMENT OF THE OWNERSHIP AND ORGANIZATION OF EXPRESS COMPANIES OPERATING IN THE UNITED STATES JUNE 30, 1890.

COMPANIES.	Joint stock company or corporation.	Date of organization or charter.	Empowering state.	Number of stockholders or shareholders.	Location of principal office.
Adams Express Company	Joint stock company..	July 1, 1854	New York	2,672	New York, N. Y.
American Express Company.....	do	Mar. 18, 1850	do	3,766	Do.
Camden and Atlantic Express Company (a).....	.....	.....	.....	.....	.....
Cincinnati, Georgetown and Portsmouth Express Company. (b) .....	.....	.....	.....	.....	.....
Denver and Rio Grande Express (c).....	.....	.....	.....	.....	.....
Dominion Express Company	Corporation.....	1873	Canada	20	Montreal, Canada.
Earle & Prew's Express.....	Joint stock company ..	Mar. 1, 1868	Rhode Island....	2	Providence, R. I.
Long Island Express Company (d).....	.....	.....	.....	.....	.....
National Express Company	Joint stock company ..	May 1, 1853	New York	70	New York, N. Y.
New England Despatch Express Company..	Corporation.....	Aug. 1, 1885	Massachusetts...	10	Boston, Mass.
New York and Boston Despatch Express Company.	do	June 16, 1873	do	1	Do.
Northern Pacific Express Company	do	Aug. 16, 1883	Minnesota.....	7	St. Paul, Minn.
Pacific Express Company.....	do	Nov. 1, 1879	Nebraska.....	11	Omaha, Neb.
Southern Express Company	do	Dec. 21, 1886	Georgia.....	17	Augusta, Ga.
United States Express Company	Joint stock company ..	Apr. 22, 1854	New York	(e)	New York, N. Y.
Wells, Fargo & Co.'s Express	Corporation.....	Feb. 5, 1866	Colorado.....	1,886	San Francisco, Cal.; New York, N. Y.
West Jersey Express Company (f).....	.....	.....	.....	.....	.....

a Department of the Camden and Atlantic railroad.

b Department of the Cincinnati, Georgetown and Portsmouth railroad.

c Department of the Denver and Rio Grande railroad.

d Department of the Long Island railroad.

e Not reported.

f Department of the West Jersey railroad.

EXPRESS COMPANIES.

499

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE.

[Railroad mileage prior to 1890 and water lines include an undetermined amount of Canadian mileage. Mileage for 1890 includes 475.18 miles of lines in Canada.]

Part 1.—BY COMPANIES IN EACH GROUP.

GROUP I.

A.—MILEAGE OPERATED OVER RAILWAYS.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over railways in Group I.	7,176.97	7,281.40	7,827.78	8,979.37	7,771.50	7,737.90	7,673.94	7,676.41	7,050.37	8,186.74	8,815.23
Adams Express Company.....	1,334.42	1,424.86	1,428.46	1,429.91	1,449.33	1,439.45	1,442.15	1,442.67	1,019.33	1,617.89	1,404.00
American Express Company.....	2,034.88	2,048.87	2,416.38	3,521.47	3,903.50	3,856.79	3,790.13	3,792.08	3,561.38	3,655.19	4,997.00
Canadian Express Company.....	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	(a)
Dominion Express Company.....					20.00	20.00	20.00	20.00	20.00	252.00	252.00
Earle & Prew's Express.....	201.00	201.00	201.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	146.00
National Express Company.....	266.51	266.51	314.23	314.23	457.23	457.22	457.22	457.22	457.22	457.22	430.00
New England Despatch Express Company.....	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	887.00
New York and Boston Despatch Express Company.....	251.00	251.00	379.00	379.00	351.00	374.60	374.00	374.00	374.00	374.00	399.23
United States Express Company.....									28.00	240.00	240.00
United States and Canada Express Company.....	1,743.72	1,743.72	1,743.27	1,744.32	(b)						

B.—MILEAGE OPERATED OVER WATER LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over water lines in Group I.	3,195.00	3,255.00	3,545.00	3,392.00	3,352.00	3,417.00	3,417.00	3,343.00	3,594.00	3,864.00	5,026.00
Adams Express Company.....	153.00	153.00	153.00	125.00	125.00	160.00	160.00	280.00	280.00	280.00	292.00
American Express Company.....	1,184.00	1,244.00	1,534.00	1,409.00	1,399.00	1,399.00	1,399.00	1,205.00	1,205.00	1,475.00	2,275.00
Earle & Prew's Express.....	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00
New England Despatch Express Company.....	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00
New York and Boston Despatch Express Company.....	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00
United States Express Company.....									251.00	251.00	601.00

C.—MILEAGE OPERATED OVER STAGE LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over stage lines in Group I.	69.00	69.00	69.00	25.00	25.00					30.00	90.00
Adams Express Company.....	44.00	44.00	44.00								
American Express Company.....	25.00	25.00	25.00	25.00	25.00					30.00	90.00

D.—MILEAGE OPERATED OVER ALL LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total express mileage in Group I.	10,440.97	10,605.40	11,441.78	12,396.37	11,148.50	11,154.90	11,090.94	11,019.41	11,244.37	12,080.74	13,931.23
Adams Express Company.....	1,531.42	1,621.86	1,625.46	1,554.91	1,574.33	1,599.45	1,602.15	1,722.67	1,899.33	1,897.89	1,750.00
American Express Company.....	3,243.88	3,317.87	3,975.38	4,955.47	5,297.50	5,255.79	5,189.13	4,997.08	4,706.88	5,160.19	7,362.00
Canadian Express Company.....	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	178.44	(a)
Dominion Express Company.....					20.00	20.00	20.00	20.00	20.00	252.00	252.00
Earle & Prew's Express.....	419.00	419.00	419.00	463.00	463.00	463.00	463.00	463.00	463.00	463.00	364.00
National Express Company.....	266.51	266.51	314.23	314.23	457.23	457.22	457.22	457.22	457.22	457.22	430.00
New England Despatch Express Company.....	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	294.00
New York and Boston Despatch Express Company.....	484.00	484.00	612.00	612.00	584.00	607.00	607.00	607.00	607.00	607.00	632.23
United States Express Company.....									279.00	491.00	841.00
United States and Canada Express Company.....	1,743.72	1,743.72	1,743.27	1,744.32	(b)						

a No information furnished for 1890.

b Business divided between the Adams and American Express Companies in 1884.

GROUP II.

A.—MILEAGE OPERATED OVER RAILWAYS.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over railways in Group II.	13,491.23	14,053.77	15,373.55	17,494.37	16,398.09	16,004.34	19,286.20	19,653.59	17,957.48	18,080.96	18,068.78
Adams Express Company.....	4,119.80	4,234.79	4,520.87	4,981.35	5,273.33	5,604.21	5,751.77	6,047.47	7,214.17	7,079.29	6,082.00
American Express Company.....	2,708.19	2,866.83	3,087.59	4,208.44	3,548.72	3,564.62	3,235.26	3,330.20	3,927.72	3,993.86	4,568.00
Baltimore and Ohio Express Company.....	859.87	897.15	939.25	956.25	973.75	984.15	1,101.75	1,129.85	(a)		
Camden and Atlantic Express Company.....	67.79	73.50	73.50	66.76	66.76	79.27	79.27	79.27	79.93	81.17	78.93
Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.92	1,021.87	1,021.87	1,021.50	1,057.75	(b)			
Eric Express Company.....							1,385.29	1,399.33	(c)		
Eric and New England Express Company.....			206.27	206.27	(d)						
Long Island Express Company.....				354.12	354.12	355.81	356.50	360.38	356.81	360.94	352.79
National Express Company.....	884.18	884.18	903.56	1,689.66	1,631.83	1,659.23	1,690.72	1,410.80	1,469.62	1,556.61	955.00
Philadelphia and Reading Express Company.....	1,094.00	1,118.00	1,118.00	1,167.00	1,263.00	1,383.00	1,383.00	1,383.00	(e)		
Union Express Company.....	536.50	629.50	684.55	697.12	(f)						
United States Express Company.....	1,781.76	1,788.62	2,093.72	1,933.53	2,041.35	2,028.65	3,022.39	2,550.77	3,368.35	4,141.38	4,239.00
United States and Canada Express Company.....	118.00	118.00	118.00	(g)							
Wells, Fargo & Co.'s Express.....									1,297.90	1,294.15	1,548.00
Westcott's Express Company.....	320.01	333.72	352.67	(h)							
West Jersey Express Company.....	182.91	183.91	200.65	212.00	223.36	223.85	222.31	233.02	242.98	245.56	245.06

a Sold to United States Express Company in 1887.

b Sold to United States Express Company in 1886.

c Business transferred to Wells, Fargo & Co.'s Express in 1887.

d Business transferred to Wells, Fargo & Co.'s Express in 1883.

e Service turned over to United States Express Company in 1887.

f Good will transferred to Adams Express Company in 1883.

g No operations in this group after 1883.

h Known as the Long Island Express Company after 1882.

STATISTICS OF TRANSPORTATION.

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part I.—BY COMPANIES IN EACH GROUP—Continued.

GROUP II—Continued.

B.—MILEAGE OPERATED OVER WATER LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over water lines in Group II.	665.00	668.00	668.00	673.00	696.00	717.00	793.00	958.00	983.00	958.00	1,208.00
Adams Express Company.....	193.00	193.00	193.00	193.00	193.00	193.00	269.00	369.00	394.00	394.00	399.00
American Express Company.....	244.00	244.00	244.00	249.00	272.00	293.00	293.00	293.00	293.00	268.00	288.00
National Express Company.....	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00
United States Express Company.....								65.00	65.00	65.00	290.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group II.					3.00	3.00	26.00	41.00	29.00	17.00	3.00
American Express Company.....					3.00	3.00	3.00	17.00	20.00	17.00	3.00
National Express Company.....							23.00	24.00	9.00		

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group II.	14,159.23	14,721.77	16,041.55	18,167.37	17,097.09	17,624.34	20,105.20	20,652.59	18,969.48	19,661.96	19,279.78
Adams Express Company.....	4,312.80	4,427.79	4,713.87	5,174.35	5,466.33	5,797.21	6,020.77	7,316.47	7,608.17	7,467.29	6,481.00
American Express Company.....	2,952.19	3,110.88	3,331.59	4,457.44	3,823.72	3,860.62	3,531.36	4,170.20	4,240.72	4,218.86	4,859.00
Baltimore and Ohio Express Company.....	859.67	897.15	930.25	956.25	973.75	984.15	1,101.75	1,128.35	(a)		
Camden and Atlantic Express Company.....	67.79	73.50	73.50	66.76	66.76	79.27	79.27	79.27	79.93	81.17	78.93
Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.92	1,021.87	1,021.87	1,021.50	1,057.75	(b)			
Erie Express Company.....							1,385.29	1,390.33	(c)		
Erie and New England Express Company.....			206.27	206.27	(d)						
Long Island Express Company.....				354.12	354.12	355.81	356.50	360.38	356.81	360.94	352.79
National Express Company.....	1,115.18	1,115.18	1,134.56	1,920.66	1,862.83	1,890.28	1,944.72	1,665.80	1,709.62	1,787.61	1,186.00
Philadelphia and Reading Express Company.....	1,094.00	1,118.00	1,118.00	1,167.00	1,263.00	1,383.00	1,383.00	1,383.00	(e)		
Union Express Company.....	536.50	629.50	684.55	697.12	(f)						
United States Express Company.....	1,781.76	1,786.62	2,093.72	1,933.53	2,041.35	2,028.65	3,022.39	2,915.77	3,433.35	4,206.38	4,529.00
United States and Canada Express Company.....	118.00	118.00	118.00	(g)							
Wells, Fargo & Co.'s Express.....									1,297.90	1,294.15	1,548.00
Westcott's Express Company.....	320.01	333.72	352.67	(h)							
West Jersey Express Company.....	182.91	183.91	209.65	212.00	223.36	223.85	222.31	233.02	242.98	245.56	245.06

a Sold to United States Express Company in 1887.

b Sold to United States Express Company in 1886.

c Business transferred to Wells, Fargo & Co.'s Express in 1887.

d Business transferred to Wells, Fargo & Co.'s Express in 1883.

e Service turned over to United States Express Company in 1887.

f Good will transferred to Adams Express Company in 1883.

g No operations in this group after 1883.

h Known as the Long Island Express Company after 1882.

GROUP III.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group III.	15,133.20	17,107.30	18,533.56	23,982.35	21,158.21	20,619.10	22,274.15	23,718.20	21,378.13	21,811.17	21,762.50
Adams Express Company.....	2,509.44	3,271.76	3,569.65	5,052.05	4,531.40	4,576.16	5,319.27	5,526.56	5,429.74	5,631.53	5,389.00
American Express Company.....	5,772.77	5,871.42	5,981.38	8,743.19	8,602.17	8,623.56	8,771.46	8,645.96	8,859.99	9,065.60	9,272.75
Baltimore and Ohio Express Company.....	568.54	568.54	568.54	568.54	1,538.44	1,167.68	1,167.68	1,613.63	(a)		
Canadian Express Company.....	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	(b)
Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80	34.80	42.00	42.00	42.00	42.00	42.00	42.00
Erie Express Company.....							1,240.46	1,242.05	(c)		
Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	(d)							
Ohio and Mississippi Express Company.....	245.44	245.44	245.44	245.44	245.49	(e)					
Pacific Express Company.....	353.60	746.90	692.30	685.60	763.37	518.47	569.70	599.50	599.50	599.50	479.00
Pittsburg and Western Express Company.....				208.87	288.17	288.17	340.37	340.37	371.47	(f)	
Union Express Company.....	1,417.27	1,540.67	2,085.60	2,468.81	(g)						
United States Express Company.....	3,896.97	4,479.00	4,919.09	5,915.68	5,095.00	5,343.69	4,763.84	5,648.76	4,904.01	4,917.04	5,129.75
Wells, Fargo & Co.'s Express.....									1,112.05	1,496.13	1,450.00

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group III.	843.00	843.00	823.00	823.00	823.00	823.00	823.00	801.00	801.00	884.00	1,046.00
Adams Express Company.....	608.00	608.00	608.00	608.00	608.00	608.00	608.00	586.00	586.00	669.00	746.00
American Express Company.....	235.00	235.00	215.00	215.00	215.00	215.00	215.00	215.00	215.00	215.00	300.00

a Sold to United States Express Company in 1887.

b No information furnished for 1890.

c Business transferred to Wells, Fargo & Co.'s Express in 1887.

d Express turned over to American Express Company in 1882.

e Operated by Adams Express Company since 1884.

f Operated by Wells, Fargo & Co.'s Express since 1883.

g Good will transferred to Adams Express Company in 1883.

EXPRESS COMPANIES.

501

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP III—Continued.

C.—MILEAGE OPERATED OVER STAGE LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over stage lines in Group III.	33.00	58.00	60.00	70.00	55.00	55.00	27.00	30.00	30.00	90.00	61.00
Adams Express Company.....	29.00	29.00	29.00	34.00	44.00	44.00	16.00	19.00	19.00	78.00	55.00
American Express Company.....	4.00	29.00	31.00	36.00	11.00	11.00	11.00	11.00	11.00	21.00	6.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group III.	16,009.20	18,008.30	19,410.56	24,875.35	22,036.21	21,497.10	23,124.15	24,549.20	22,209.13	22,794.17	22,869.50
Adams Express Company.....	3,146.44	3,908.76	4,206.65	5,694.05	5,183.40	5,228.16	5,943.27	6,131.56	6,034.74	6,378.53	6,190.00
American Express Company.....	6,011.77	6,135.42	6,227.38	8,994.19	8,823.17	8,849.56	8,997.46	8,871.96	9,085.99	9,301.60	9,578.75
Baltimore and Ohio Express Company.....	568.54	568.54	568.54	568.54	1,538.44	1,167.68	1,167.68	1,018.63	(a)	59.37	(b)
Canadian Express Company.....	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37	59.37
Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80	34.80	42.00	42.00	42.00	42.00	42.00	42.00
Eric Express Company.....							1,240.46	1,242.05	(c)		
Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	(d)							
Ohio and Mississippi Express Company.....	245.44	245.44	245.44	245.44	245.49	(e)					
Pacific Express Company.....	353.60	746.90	692.80	685.60	763.37	518.47	569.70	599.50	599.50	599.50	479.00
Pittsburg and Western Express Company.....				208.87	288.17	288.17	340.37	340.37	371.47	(f)	
Union Express Company.....	1,417.27	1,540.67	2,085.60	2,468.81	(g)						
United States Express Company.....	3,896.97	4,479.00	4,919.09	5,915.68	5,095.00	5,343.09	4,763.84	5,618.76	4,904.01	4,917.04	5,129.75
Wells, Fargo & Co.'s Express.....									1,112.05	1,496.13	1,450.00

a Sold to United States Express Company in 1887.

b No information furnished for 1890.

c Business transferred to Wells, Fargo & Co.'s Express in 1887.

d Express turned over to American Express Company in 1882.

e Operated by Adams Express Company since 1884.

f Operated by Wells, Fargo & Co.'s Express since 1883.

g Good will transferred to Adams Express Company in 1883.

GROUP IV.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group IV.	4,607.55	4,790.75	5,112.45	5,449.27	5,723.24	5,821.32	6,273.47	7,428.25	7,579.84	7,998.13	8,525.50
Adams Express Company.....	950.23	990.93	1,190.93	1,190.93	1,291.70	1,291.70	1,291.70	1,459.70	1,506.90	1,541.20	1,550.50
Baltimore and Ohio Express Company.....	127.28	127.28	127.28	163.50	163.50	163.50	163.50	420.38	(a)		
Southern Express Company.....	3,530.04	3,672.54	3,794.24	4,094.84	4,268.04	4,366.12	4,818.27	4,982.79	5,519.56	5,903.80	6,435.00
United States Express Company.....								565.38	553.38	553.13	540.00

D.—MILEAGE OPERATED OVER ALL LINES. (b)

Total express mileage in Group IV.	4,607.55	4,790.75	5,112.45	5,449.27	5,723.24	5,821.32	6,273.47	7,428.25	7,579.84	7,998.13	8,525.50
Adams Express Company.....	950.23	990.93	1,190.93	1,190.93	1,291.70	1,291.70	1,291.70	1,459.70	1,506.90	1,541.20	1,550.50
Baltimore and Ohio Express Company.....	127.28	127.28	127.28	163.50	163.50	163.50	163.50	420.38	(a)		
Southern Express Company.....	3,530.04	3,672.54	3,794.24	4,094.84	4,268.04	4,366.12	4,818.27	4,982.79	5,519.56	5,903.80	6,435.00
United States Express Company.....								565.38	553.38	553.13	540.00

a Sold to United States Express Company in 1887.

b No mileage over water and stage lines in this group.

GROUP V.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group V.	7,652.73	8,682.49	9,444.83	10,593.16	11,581.77	12,464.12	12,764.16	14,298.58	15,171.21	16,150.36	16,524.48
Adams Express Company.....	767.46	1,370.00	1,382.01	1,479.34	1,482.68	1,482.68	1,482.68	1,160.62	1,247.52	1,465.52	1,507.00
Baltimore and Ohio Express Company.....								1,053.14	(a)		
Pacific Express Company.....								513.45	513.45	640.58	687.98
Southern Express Company.....	6,885.27	7,312.49	8,112.82	9,113.82	10,099.09	10,981.44	11,281.48	11,571.37	11,798.11	12,614.67	12,898.00
United States Express Company.....									1,612.13	1,429.59	1,431.50

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group V.	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	.....
Adams Express Company.....	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	.....

a Sold to United States Express Company in 1887.

STATISTICS OF TRANSPORTATION.

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP V—Continued.

C.—MILEAGE OPERATED OVER STAGE LINES.

COMPANIES	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over stage lines in Group V.	110.00	88.00	101.00	101.00	84.00	74.00	74.00	105.00	105.00	115.00	122.00
Adams Express Company	110.00	88.00	101.00	101.00	84.00	74.00	74.00	105.00	105.00	115.00	122.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group V.	7,012.73	8,920.49	9,695.83	10,844.16	11,815.77	12,688.12	12,988.16	14,553.58	15,426.21	16,415.36	16,646.48
Adams Express Company	1,027.46	1,608.00	1,583.01	1,730.34	1,716.68	1,706.68	1,706.68	1,415.62	1,502.52	1,730.52	1,629.00
Baltimore and Ohio Express Company								1,053.14	(a)		
Pacific Express Company								513.45	513.45	640.58	687.98
Southern Express Company	6,885.27	7,312.49	8,112.82	9,113.82	10,099.09	10,981.44	11,281.48	11,571.37	11,798.11	12,614.67	12,898.00
United States Express Company									1,612.13	1,429.59	1,431.50

a Sold to United States Express Company in 1887.

GROUP VI.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group VI.	23,920.62	25,902.99	28,326.34	29,736.29	31,429.61	30,732.45	32,769.53	34,135.77	39,610.65	37,726.50	37,848.42
Adams Express Company	926.90	1,011.06	1,081.56	1,194.06	1,194.06	1,197.76	1,192.69	1,494.26	5,174.21	5,201.25	5,103.00
American Express Company	13,713.24	14,729.41	16,133.80	17,213.51	18,601.12	17,839.81	18,587.69	19,266.96	19,898.36	21,113.15	20,540.03
Baltimore and Ohio Express Company						370.76	370.76	446.52	(a)		
Northern Pacific Express Company	586.00	618.00	618.00	783.60	1,044.54	1,095.17	1,174.91	1,314.75	1,441.41	1,435.67	2,388.14
Ohio and Mississippi Express Company	370.76	370.76	370.76	370.76	370.76						
Pacific Express Company	2,131.30	2,686.10	2,906.00	3,260.80	3,307.20	2,444.45	3,226.01	2,354.94	1,996.33	1,951.43	1,951.00
Southern Express Company							152.00	152.00	152.00	152.00	152.00
United States Express Company	6,192.42	6,487.66	7,221.22	6,878.14	6,880.51	7,764.08	8,034.05	9,074.92	10,303.02	7,227.74	6,986.25
Wells, Fargo & Co.'s Express				31.42	31.42	31.42	31.42	31.42	645.32	645.32	728.00

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group VI.							20.00	20.00			
American Express Company							20.00	20.00			

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group VI.			5.00	5.00	11.00	11.00	36.00	26.00	47.00	32.00	35.00
Adams Express Company											4.00
American Express Company			5.00	5.00	11.00	11.00	36.00	26.00	47.00	32.00	31.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group VI.	23,920.62	25,902.99	28,331.34	29,741.29	31,440.61	30,743.45	32,825.53	34,181.77	39,657.65	37,758.50	37,883.42
Adams Express Company	926.90	1,011.06	1,081.56	1,194.06	1,194.06	1,197.76	1,192.69	1,494.26	5,174.21	5,201.25	5,107.00
American Express Company	13,713.24	14,729.41	16,133.80	17,213.51	18,612.12	17,839.81	18,643.69	19,312.96	19,945.36	21,145.15	20,571.03
Baltimore and Ohio Express Company						370.76	370.76	446.52	(a)		
Northern Pacific Express Company	586.00	618.00	618.00	783.60	1,044.54	1,095.17	1,174.91	1,314.75	1,441.41	1,435.67	2,388.14
Ohio and Mississippi Express Company	370.76	370.76	370.76	370.76	370.76						
Pacific Express Company	2,131.30	2,686.10	2,906.00	3,260.80	3,307.20	2,444.45	3,226.01	2,354.94	1,996.33	1,951.43	1,951.00
Southern Express Company							152.00	152.00	152.00	152.00	152.00
United States Express Company	6,192.42	6,487.66	7,221.22	6,878.14	6,880.51	7,764.08	8,034.05	9,074.92	10,303.02	7,227.74	6,986.25
Wells, Fargo & Co.'s Express				31.42	31.42	31.42	31.42	31.42	645.32	645.32	728.00

a Sold to United States Express Company in 1887.

b Operated by Adams Express Company since 1884.

GROUP VII.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group VII.	2,265.70	2,449.42	4,035.32	3,559.17	4,467.67	4,806.06	5,550.80	6,985.86	7,346.34	7,878.95	8,785.28
American Express Company (a)	606.01	770.50	959.02					549.25	549.25	742.05	755.22
Northern Pacific Express Company			221.00	504.60	752.30	752.30	752.30	752.30	785.90	785.90	1,223.86
Pacific Express Company	1,316.00	1,323.70	1,351.40	1,351.40	1,666.40	1,701.84	1,758.80	1,572.83	1,592.07	1,680.51	2,305.49
United States Express Company	343.69	355.22	355.22	(b)							
Wells, Fargo & Co.'s Express			1,148.68	1,643.97	2,048.97	2,351.92	3,039.70	4,111.48	4,419.12	4,669.59	4,495.71

a Operations for 1880-1882 over the Chicago, Burlington and Quincy and Fremont, Elkhorn and Missouri Valley railroads; operations for 1887-1890 over the Great Northern and Montana Central railroads.

b No operations in this group after 1882.

EXPRESS COMPANIES.

503

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP VII—Continued.

B.—MILEAGE OPERATED OVER WATER LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over water lines in Group VII.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	
American Express Company				1.00	1.00	1.00	1.00	1.00	1.00	1.00	

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group VII.						294.00	200.00				
Wells, Fargo & Co.'s Express						294.00	200.00				

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group VII.	2,265.70	2,449.42	4,035.32	3,560.17	4,468.67	5,101.06	5,751.80	6,986.86	7,347.34	7,879.95	8,785.28
American Express Company (a)	606.01	770.50	959.02	1.00	1.00	1.00	1.00	550.25	550.25	743.95	755.22
Northern Pacific Express Company			221.00	564.60	752.30	752.30	752.30	752.30	785.90	785.90	1,223.86
Pacific Express Company	1,316.00	1,323.70	1,351.40	1,350.60	1,666.40	1,701.84	1,758.80	1,572.83	1,592.07	1,680.51	2,305.49
United States Express Company	343.69	355.22	355.22	(b)							
Wells, Fargo & Co.'s Express			1,148.68	1,643.97	2,048.97	2,645.92	3,239.70	4,111.48	4,419.12	4,669.59	4,495.71

a Operations for 1880-1882 over the Chicago, Burlington and Quincy and Fremont, Elkhorn and Missouri Valley railroads; operations for 1887-1890 over the Great Northern and Montana Central railroads.

b No operations in this group after 1882.

GROUP VIII.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group VIII.	8,784.70	12,514.73	13,288.29	13,319.19	13,802.29	14,247.66	14,073.06	17,617.21	18,344.94	19,342.33	20,154.54
Adams Express Company	3,743.32	4,213.67	4,576.43	2,791.84	2,982.97	2,978.27	3,229.42	2,753.47	2,209.86	2,287.22	2,205.00
American Express Company	68.00	68.00	(a)					61.42	(a)		
Denver and Rio Grande Express	474.00	786.00	1,165.00	1,559.00	1,500.00	1,317.00	1,317.00	1,347.00	1,463.00	1,493.90	1,687.00
Pacific Express Company	2,972.09	4,019.10	4,687.10	4,975.03	5,081.05	5,243.07	5,771.83	7,102.49	7,661.51	8,801.00	9,101.23
St. Louis, Iron Mountain and Southern Express Company	685.00	719.00	(b)								
Southern Express Company	842.29	919.29	1,039.29	1,344.23	1,362.23	1,735.23	682.94	522.94	321.95	321.95	1,201.00
Texas Express Company				430.04	430.04	430.04	430.04	430.04	530.36	581.76	(c)
United States Express Company								1,196.60	1,575.20	1,765.00	1,765.00
Wells, Fargo & Co.'s Express		1,789.67	1,820.47	2,219.05	2,446.00	2,544.05	2,641.83	4,203.25	4,583.06	4,592.40	4,195.31

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group VIII.				0.50	0.50	0.50	0.50	0.50	0.50	0.50	
American Express Company				0.50	0.50	0.50	0.50	0.50	0.50	0.50	

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group VIII.		44.00	40.00								
Adams Express Company		44.00	40.00								

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group VIII.	8,784.70	12,558.73	13,328.29	13,319.69	13,802.79	14,248.16	14,073.56	17,617.71	18,345.44	19,342.83	20,154.54
Adams Express Company	3,743.32	4,257.67	4,616.43	2,791.84	2,982.97	2,978.27	3,229.42	2,753.47	2,209.86	2,287.22	2,205.00
American Express Company	68.00	68.00		0.50	0.50	0.50	0.50	61.92	0.50	0.50	
Denver and Rio Grande Express	474.00	786.00	1,165.00	1,559.00	1,500.00	1,317.00	1,317.00	1,347.00	1,463.00	1,493.90	1,687.00
Pacific Express Company	2,972.09	4,019.10	4,687.10	4,975.03	5,081.05	5,243.07	5,771.83	7,102.49	7,661.51	8,801.00	9,101.23
St. Louis, Iron Mountain and Southern Express Company	685.00	719.00	(b)								
Southern Express Company	842.29	919.29	1,039.29	1,344.23	1,362.23	1,735.23	682.94	522.94	321.95	321.95	1,201.00
Texas Express Company				430.04	430.04	430.04	430.04	430.04	530.36	581.76	(c)
United States Express Company								1,196.60	1,575.20	1,765.00	1,765.00
Wells, Fargo & Co.'s Express		1,789.67	1,820.47	2,219.05	2,446.00	2,544.05	2,641.83	4,203.25	4,583.06	4,592.40	4,195.31

a Operations over the Atchison, Topeka and Santa Fe railroad suspended in 1882; over St. Louis, Kansas City and Colorado railroad in 1887 only.

b Consolidated with Pacific Express Company in 1882.

c Business transferred to Southern Express Company in 1890.

STATISTICS OF TRANSPORTATION.

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP IX.

A.—MILEAGE OPERATED OVER RAILWAYS.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over railways in Group IX.	2,707.24	4,002.93	5,657.29	6,660.05	6,651.54	7,729.58	7,887.69	8,828.15	8,759.51	8,945.71	9,088.96
Baltimore and Ohio Express Company.....	93.00	271.00	722.50	875.50	902.50	1,749.00	3,917.50	189.00	(a)	4,283.50	4,562.96
Pacific Express Company.....	72.70	72.70	142.00	170.40	170.40	170.40	189.00	4,473.50	4,176.50	4,283.50	1,028.00
Southern Express Company.....	2,541.54	3,659.23	4,792.79	4,040.38	4,040.38	3,605.81	1,423.64	1,818.49	933.60	933.60	(c)
Texas Express Company.....									194.25	218.25	256.00
United States Express Company.....				1,573.77	1,538.26	2,204.37	2,357.55	2,347.16	3,455.16	3,510.36	3,242.00
Wells, Fargo & Co.'s Express.....											

D.—MILEAGE OPERATED OVER ALL LINES. (d)

Total express mileage in Group IX.	2,707.24	4,002.93	5,657.29	6,660.05	6,651.54	7,729.58	7,887.69	8,828.15	8,759.51	8,945.71	9,088.96
Baltimore and Ohio Express Company.....	93.00	271.00	722.50	875.50	902.50	1,749.00	3,917.50	189.00	(e)	4,283.50	4,562.96
Pacific Express Company.....	72.70	72.70	142.00	170.40	170.40	170.40	189.00	4,473.50	4,176.50	4,283.50	1,028.00
Southern Express Company.....	2,541.54	3,659.23	4,792.79	4,040.38	4,040.38	3,605.81	1,423.64	1,818.49	933.60	933.60	(c)
Texas Express Company.....									194.25	218.25	256.00
United States Express Company.....				1,573.77	1,538.26	2,204.37	2,357.55	2,347.16	3,455.16	3,510.36	3,242.00
Wells, Fargo & Co.'s Express.....											

a Operations over Vicksburg, Shreveport and Pacific railroad in 1887 only; sold to United States Express Company in 1887.

b Operations over Vicksburg, Shreveport and Pacific railroad suspended after 1886.

c Business transferred to Southern Express Company in 1890.

d No mileage over water and stage lines in this group.

e Sold to United States Express Company in 1887.

GROUP X.

A.—MILEAGE OPERATED OVER RAILWAYS.

Total mileage operated over railways in Group X.	4,909.81	5,828.50	6,529.00	8,915.16	9,817.77	10,494.61	10,649.83	10,929.14	10,608.03	11,170.75	11,023.82
Adams Express Company.....		286.00	286.00	(a)							
Denver and Rio Grande Express.....				369.00	369.00	369.00	369.00	409.00	409.00	409.00	413.50
Northern Pacific Express Company.....				534.00	643.00	802.00	716.00	1,786.40	1,109.30	1,247.04	1,102.00
Pacific Express Company.....	306.10	687.90	865.70	1,218.52	1,432.34	1,831.35	1,797.67	2,146.59	2,158.30	2,392.96	2,039.34
Wells, Fargo & Co.'s Express.....	4,603.71	4,854.60	5,377.90	6,793.64	7,373.43	7,492.26	7,767.16	6,587.15	6,931.43	7,121.75	7,468.98

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group X.	2,180.00	2,180.00	2,180.00	3,354.00	3,354.00	3,430.00	3,485.00	3,451.00	3,485.00	2,350.00	3,602.00
Northern Pacific Express Company.....				1,174.00	1,174.00	1,250.00	1,305.00	100.00	100.00	100.00	161.00
Pacific Express Company.....								1,296.00	1,330.00	195.00	195.00
Wells, Fargo & Co.'s Express.....	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,055.00	2,055.00	2,055.00	3,246.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group X.	4,919.00	5,267.00	4,023.00	3,864.00	4,117.00	4,647.00	4,004.00	3,563.00	3,996.00	3,459.00	2,744.00
Adams Express Company.....	6.00	56.00	56.00	(a)							
Northern Pacific Express Company.....											20.00
Wells, Fargo & Co.'s Express.....	4,913.00	5,211.00	4,567.00	3,864.00	4,117.00	4,647.00	4,004.00	3,563.00	3,996.00	3,459.00	2,724.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group X.	12,008.81	13,275.50	13,332.60	16,133.16	17,288.77	18,571.61	18,138.83	17,943.14	18,089.03	16,979.75	17,369.82
Adams Express Company.....	6.00	342.00	342.00	(a)							
Denver and Rio Grande Express.....				369.00	369.00	369.00	369.00	409.00	409.00	409.00	413.50
Northern Pacific Express Company.....				1,708.00	1,817.00	2,052.00	2,021.00	1,886.40	1,209.30	1,347.04	1,283.00
Pacific Express Company.....	306.10	687.90	865.70	1,218.52	1,432.34	1,831.35	1,797.67	3,442.59	3,488.30	2,587.96	2,234.34
Wells, Fargo & Co.'s Express.....	11,696.71	12,245.60	12,124.90	12,837.64	13,670.43	14,319.26	13,951.16	12,205.15	12,982.43	12,635.75	13,438.98

a No operations in this group after 1882.

EXPRESS COMPANIES.

505

TABLE I.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 2.—BY COMPANY TOTALS.

A.—MILEAGE OPERATED OVER RAILWAYS.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over railways.	90,649.75	102,614.28	114,129.01	128,688.38	128,801.60	131,557.14	139,202.83	151,271.16	151,406.50	157,897.06	160,597.51
Adams Express Company.....	14,351.57	16,803.07	17,985.91	18,119.48	18,203.47	18,570.23	19,709.68	20,784.75	24,401.73	24,817.90	28,300.50
American Express Company.....	24,903.09	26,353.08	28,573.17	33,681.61	34,655.51	33,873.78	34,384.64	36,175.87	36,796.70	38,510.75	40,133.00
Baltimore and Ohio Express Company.....	1,555.49	1,592.97	1,635.07	1,688.29	2,075.69	2,686.09	2,803.69	4,852.02	(a)	81.17	78.93
Camden and Atlantic Express Company.....	67.79	73.50	73.50	66.76	66.76	79.27	79.27	79.27	79.93	237.81	(b)
Canadian Express Company.....	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	
Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80	34.80	42.00	42.00	42.00	42.00	42.00	42.00
Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.92	1,021.87	1,021.87	1,021.50	1,057.75	(c)			
Denver and Rio Grande Express.....	474.00	786.00	1,165.00	1,928.00	1,869.00	1,686.00	1,686.00	1,756.00	1,872.00	1,902.00	2,100.50
Dominion Express Company.....					20.00	20.00	20.00	20.00	20.00	252.00	252.00
Earle & Prew's Express.....	201.00	201.00	201.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	146.00
Erie Express Company.....							2,625.75	2,641.38	(d)		
Erie and New England Express Company.....			206.27	206.27	(e)						
Long Island Express Company.....			354.12	354.12	354.12	355.81	356.59	360.38	356.81	360.94	352.79
Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	(f)							
National Express Company.....	1,150.69	1,150.69	1,217.79	2,003.89	2,089.06	2,116.50	2,147.94	1,868.02	1,926.84	2,013.83	1,385.00
New England Despatch Express Company.....	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	1,167.00	887.00
New York and Boston Despatch Express Company.....	251.00	251.00	379.00	379.00	351.00	374.00	374.00	374.00	374.00	374.00	399.23
Northern Pacific Express Company.....	586.00	618.00	839.00	1,882.20	2,439.84	2,640.47	2,643.21	3,853.45	3,336.61	3,468.61	4,719.00
Ohio and Mississippi Express Company.....	616.20	616.20	616.20	616.20	616.25	(g)					
Pacific Express Company.....	7,172.09	9,734.70	11,225.00	12,375.05	13,152.86	13,488.18	17,041.51	18,763.30	18,697.66	19,849.48	21,127.00
Philadelphia and Reading Express Company.....	1,094.00	1,118.00	1,118.00	1,167.00	1,263.00	1,383.00	1,383.00	1,383.00	(h)		
Pittsburg and Western Express Company.....				208.87	288.17	288.17	340.37	340.37	371.47	(i)	
St. Louis, Iron Mountain and Southern Express Company.....	685.00	719.00	(j)								
Southern Express Company.....	11,330.30	11,977.02	13,088.35	14,723.29	15,899.76	17,253.19	17,123.69	17,229.10	17,791.02	18,902.42	21,714.00
Texas Express Company.....	2,541.54	3,659.23	4,792.79	4,470.42	4,470.42	4,035.85	1,853.68	2,248.53	1,463.46	1,515.36	(k)
Union Express Company.....	1,953.77	2,170.17	2,770.15	3,165.93	(l)						
United States Express Company.....	12,214.84	13,108.50	14,589.25	14,727.35	14,016.86	15,136.42	15,820.28	19,396.43	22,538.34	20,492.13	20,587.50
United States and Canada Express Company.....	1,861.72	1,861.72	1,861.27	1,744.32	(m)						
Wells, Fargo & Co.'s Express.....	4,603.71	6,644.27	8,347.05	12,261.85	13,438.08	14,624.02	15,837.66	17,280.46	22,444.04	23,329.70	23,128.00
Westcott's Express Company.....	320.01	333.72	352.67	(n)							
West Jersey Express Company.....	182.91	185.91	209.65	212.00	223.36	223.85	222.31	233.02	242.98	245.50	245.06

B.—MILEAGE OPERATED OVER WATER LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over water lines.	7,036.00	7,096.00	7,306.00	8,393.50	8,376.50	8,538.50	8,689.50	8,724.50	9,014.50	8,207.50	10,882.00
Adams Express Company.....	1,104.00	1,104.00	1,104.00	1,076.00	1,076.00	1,111.00	1,187.00	1,385.00	1,410.00	1,493.00	1,437.00
American Express Company.....	1,663.00	1,723.00	1,993.00	1,874.50	1,857.50	1,908.50	1,928.50	1,734.50	1,714.50	1,959.50	2,863.00
Earle & Prew's Express.....	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00	218.00
National Express Company.....	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00
New England Despatch Express Company.....	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00	1,407.00
New York and Boston Despatch Express Company.....	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00	233.00
Northern Pacific Express Company.....				1,174.00	1,174.00	1,250.00	1,305.00	100.00	100.00	100.00	161.00
Pacific Express Company.....								1,296.00	1,330.00	195.00	195.00
United States Express Company.....								65.00	316.00	316.00	891.00
Wells, Fargo & Co.'s Express.....	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,180.00	2,055.00	2,055.00	2,055.00	3,246.00

C.—MILEAGE OPERATED OVER STAGE LINES.

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total mileage operated over stage lines.	5,131.00	5,526.00	4,898.00	4,065.00	4,295.00	5,084.00	4,367.00	3,765.00	4,207.00	3,752.00	3,055.00
Adams Express Company.....	189.00	261.00	270.00	135.00	128.00	118.00	90.00	124.00	124.00	193.00	181.00
American Express Company.....	29.00	54.00	61.00	66.00	50.00	25.00	50.00	54.00	78.00	100.00	130.00
National Express Company.....							23.00	24.00	9.00		
Northern Pacific Express Company.....											20.00
Wells, Fargo & Co.'s Express.....	4,913.00	5,211.00	4,567.00	3,864.00	4,117.00	4,941.00	4,204.00	3,563.00	3,996.00	3,459.00	2,724.00

a Sold to United States Express Company in 1887.

b No information furnished for 1890.

c Sold to United States Express Company in 1886.

d Business transferred to Wells, Fargo & Co.'s Express in 1887.

e Business transferred to Wells, Fargo & Co.'s Express in 1883.

f Express turned over to American Express Company in 1882.

g Operated by Adams Express Company since 1884.

h Service turned over to United States Express Company in 1887.

i Operated by Wells, Fargo & Co.'s Express since 1888.

j Consolidated with Pacific Express Company in 1882.

k Business transferred to Southern Express Company in 1890.

l Good will transferred to Adams Express Company in 1883.

m Business divided between Adams and American Express Companies in 1884.

n Known as the Long Island Express Company after 1882.

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 2.—BY COMPANY TOTALS—Continued.

D.—MILEAGE OPERATED OVER ALL LINES

COMPANIES.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total express mileage operated over all lines.	102,816.75	115,236.28	126,393.01	141,146.88	141,473.19	145,179.64	152,259.33	163,760.66	167,628.00	169,857.16	174,534.51
Adams Express Company.....	15,644.57	18,168.07	19,359.91	19,330.48	19,409.47	19,799.23	20,986.68	22,293.75	25,935.73	26,503.90	24,918.50
American Express Company.....	26,505.09	28,132.08	30,627.17	35,022.11	36,563.01	35,807.28	36,363.14	37,964.37	38,589.20	40,570.25	43,126.00
Baltimore and Ohio Express Company.....	1,555.49	1,592.97	1,635.07	1,688.29	2,075.69	2,686.09	2,803.69	4,852.02	(a)	81.17	78.93
Camden and Atlantic Express Company.....	67.79	73.50	73.50	66.76	66.76	79.27	79.27	79.27	79.93	237.81	(b)
Canadian Express Company.....	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	237.81	
Cincinnati, Georgetown and Portsmouth Express Company.....	20.40	34.80	34.80	34.80	34.80	42.00	42.00	42.00	42.00	42.00	42.00
Delaware, Lackawanna and Western Express Company.....	818.42	925.52	1,065.92	1,021.87	1,021.87	1,021.50	1,057.75	(c)			
Denver and Rio Grande Express.....	474.00	786.00	1,165.00	1,928.00	1,899.00	1,686.00	1,686.00	1,756.00	1,872.00	1,902.00	2,100.50
Dominion Express Company.....					20.00	20.00	20.00	20.00	20.00	252.00	252.00
Earle & Frew's Express.....	419.00	419.00	419.00	463.00	463.00	463.00	463.00	463.00	463.00	463.00	364.00
Erie Express Company.....							2,625.75	2,641.38	(d)		
Erie and New England Express Company.....			206.27	206.27	(e)						
Long Island Express Company.....			354.12	354.12	354.12	355.81	356.59	360.38	356.81	360.94	352.79
Louisville, New Albany and Chicago Express Company.....	289.40	289.40	377.39	(f)							
National Express Company.....	1,381.69	1,381.69	1,448.79	2,234.80	2,320.06	2,347.50	2,401.94	2,123.02	2,166.84	2,244.83	1,616.00
New England Despatch Express Company.....	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,574.00	2,294.00
New York and Boston Despatch Express Company.....	484.00	484.00	612.00	612.00	584.00	607.00	607.00	607.00	607.00	607.00	632.23
Northern Pacific Express Company.....	586.00	618.00	839.00	3,056.20	3,613.84	3,899.47	3,948.21	3,953.45	3,436.61	3,568.61	4,900.00
Ohio and Mississippi Express Company.....	616.20	616.20	616.20	616.20	616.25	(g)					
Pacific Express Company.....	7,172.09	9,734.70	11,225.00	12,375.05	13,152.86	13,488.18	17,041.51	20,059.30	20,027.66	20,044.48	21,322.00
Philadelphia and Reading Express Company.....	1,094.00	1,118.00	1,118.00	1,167.00	1,263.00	1,383.00	1,383.00	1,383.00	(h)		
Pittsburg and Western Express Company.....				208.87	288.17	288.17	340.37	340.37	371.47	(i)	
St. Louis, Iron Mountain and Southern Express Company.....	685.00	719.00	(j)								
Southern Express Company.....	11,330.30	11,977.02	13,088.35	14,723.29	15,899.76	17,253.19	17,123.69	17,229.10	17,791.62	18,992.42	21,714.00
Texas Express Company.....	2,541.54	3,659.23	4,792.79	4,470.42	4,470.42	4,035.85	1,853.68	2,248.53	1,493.96	1,515.36	(k)
Union Express Company.....	1,953.77	2,170.17	2,770.15	3,165.93	(l)						
United States Express Company.....	12,214.84	13,108.50	14,589.25	14,727.35	14,016.86	15,136.42	15,820.28	19,401.43	22,854.34	20,808.13	21,478.50
United States and Canada Express Company.....	1,861.72	1,861.72	1,861.27	1,744.32	(m)						
Wells, Fargo & Co.'s Express.....	11,696.71	14,035.27	15,094.05	18,305.85	19,735.08	21,745.02	22,221.66	22,898.46	28,495.04	28,843.70	29,098.00
Westcott's Express Company.....	320.01	333.72	352.67	(n)							
West Jersey Express Company.....	182.91	185.91	209.65	212.00	223.36	223.85	222.31	233.02	242.98	245.56	245.06

a Sold to United States Express Company in 1887.

b No information furnished for 1890.

c Sold to United States Express Company in 1886.

d Business transferred to Wells, Fargo & Co.'s Express in 1887.

e Business transferred to Wells, Fargo & Co.'s Express in 1883.

f Express turned over to American Express Company in 1882.

g Operated by Adams Express Company since 1884.

h Service turned over to United States Express Company in 1887.

i Operated by Wells, Fargo & Co.'s Express since 1888.

j Consolidated with Pacific Express Company in 1882.

k Business transferred to Southern Express Company in 1890.

l Good will transferred to Adams Express Company in 1883.

m Business divided between Adams and American Express Companies in 1884.

n Known as the Long Island Express Company after 1882.

Part 3.—BY GROUP TOTALS.

A.—MILEAGE OPERATED OVER RAILWAYS.

GROUPS.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total express mileage operated over railways.	90,649.75	102,614.28	114,129.01	128,088.38	128,801.69	131,557.14	139,202.83	151,271.16	154,406.50	157,897.66	160,597.51
Group I.....	7,176.97	7,281.40	7,827.78	8,979.37	7,771.50	7,737.90	7,673.94	7,676.41	7,650.37	8,186.74	8,815.23
II.....	13,491.23	14,053.77	15,373.55	17,494.37	16,398.09	16,904.34	19,286.20	19,653.59	17,957.48	18,686.96	18,063.78
III.....	15,133.20	17,107.30	18,553.56	23,982.35	21,158.21	20,619.10	22,274.15	23,718.20	21,378.13	21,811.17	21,762.50
IV.....	4,907.55	4,780.75	5,112.45	5,449.27	5,723.24	5,821.32	6,273.47	7,428.25	7,579.84	7,998.13	8,525.50
V.....	7,652.73	8,682.49	9,444.83	10,593.16	11,581.77	12,464.12	12,764.16	14,298.58	15,171.21	16,150.36	16,524.48
VI.....	23,020.62	25,902.99	28,326.34	29,736.29	31,429.61	30,732.45	32,760.53	34,135.77	39,610.65	37,726.56	37,848.42
VII.....	2,265.70	2,449.42	4,085.32	3,559.17	4,407.67	4,806.06	5,550.80	6,985.86	7,346.34	7,878.95	8,785.28
VIII.....	8,784.70	12,514.73	13,288.29	13,319.19	13,802.29	14,247.66	14,073.06	17,617.21	18,344.94	19,342.33	20,154.54
IX.....	2,707.24	4,002.93	5,057.29	6,660.05	6,651.54	7,729.58	7,887.69	8,828.15	8,750.51	8,945.71	9,088.96
X.....	4,909.81	5,828.50	6,529.60	8,915.16	9,817.77	10,494.61	10,649.83	10,929.14	10,608.03	11,170.75	11,023.82

B.—MILEAGE OPERATED OVER WATER LINES.

GROUPS.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total express mileage operated over water lines.	7,036.00	7,006.00	7,366.00	8,393.50	8,376.50	8,538.50	8,689.50	8,724.50	9,014.50	8,207.50	10,882.00
Group I.....	3,195.00	3,255.00	3,545.00	3,392.00	3,352.00	3,417.00	3,417.00	3,343.00	3,594.00	3,804.00	5,026.00
II.....	668.00	668.00	673.00	673.00	696.00	717.00	793.00	958.00	983.00	958.00	1,208.00
III.....	843.00	843.00	823.00	823.00	823.00	823.00	823.00	801.00	801.00	884.00	1,046.00
V.....	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
VI.....											
VII.....											
VIII.....				1.00	1.00	1.00	20.00	20.00			
IX.....				0.50	0.50	0.50	1.00	1.00	1.00	1.00	
X.....	2,180.00	2,180.00	2,180.00	3,354.00	3,354.00	3,430.00	3,485.00	3,451.00	3,485.00	2,350.00	3,602.00

EXPRESS COMPANIES.

507

TABLE 1.—MILEAGE OPERATED BY EXPRESS COMPANIES OVER RAILWAYS, WATER LINES, AND STAGE LINES DURING THE YEARS 1880-1890, INCLUSIVE—Continued.

Part 3.—BY GROUP TOTALS—Continued.

C.—MILEAGE OPERATED OVER STAGE LINES.

GROUPS.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Total express mileage operated over stage lines.	5,131.00	5,526.00	4,898.00	4,065.00	4,295.00	5,084.00	4,367.00	3,765.00	4,207.00	3,752.00	3,055.00
Group I	69.00	60.00	69.00	25.00	25.00					30.00	90.00
II					3.00	3.00	26.00	41.00	29.00	17.00	3.00
III	33.00	58.00	60.00	70.00	55.00	55.00	27.00	30.00	30.00	99.00	61.00
V	110.00	88.00	101.00	101.00	84.00	74.00	74.00	105.00	105.00	115.00	122.00
VI			5.00	5.00	11.00	11.00	36.00	26.00	47.00	32.00	35.00
VII						294.00	200.00				
VIII		44.00	40.00								
X	4,919.00	5,267.00	4,623.00	3,864.00	4,117.00	4,647.00	4,004.00	3,563.00	3,996.00	3,459.00	2,744.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage operated over all lines.	102,816.75	115,236.28	126,393.01	141,146.88	141,473.19	145,179.64	152,259.33	163,760.66	167,628.00	169,857.16	174,534.51
Group I	10,440.97	10,605.40	11,441.78	12,396.37	11,148.50	11,154.90	11,090.94	11,019.41	11,244.37	12,080.74	13,931.23
II	14,159.23	14,721.77	16,041.55	18,167.37	17,097.09	17,624.34	20,105.20	20,652.59	18,969.48	19,661.96	19,279.78
III	16,009.20	18,008.30	19,416.56	24,875.35	22,036.21	21,497.10	23,124.15	24,549.20	22,209.13	22,794.17	22,869.50
IV	4,607.55	4,790.75	5,112.45	5,449.27	5,723.24	5,821.32	6,273.47	7,428.25	7,579.84	7,998.13	8,525.50
V	7,912.73	8,920.49	9,695.83	10,844.16	11,815.77	12,688.12	12,988.16	14,553.58	15,426.21	16,415.36	16,646.48
VI	23,920.62	25,902.99	28,331.34	29,741.29	31,440.61	30,743.45	32,825.53	34,181.77	39,657.65	37,758.56	37,883.42
VII	2,265.70	2,449.42	4,035.32	3,560.17	4,468.67	5,101.06	5,751.80	6,986.86	7,347.34	7,879.95	8,785.28
VIII	8,784.70	12,558.73	13,328.29	13,319.69	13,802.79	14,248.16	14,073.56	17,617.71	18,345.44	19,342.83	20,154.54
IX	2,707.24	4,002.93	5,657.29	6,660.05	6,651.54	7,729.58	7,887.69	8,828.15	8,759.51	8,945.71	9,088.96
X	12,008.81	13,275.50	13,332.60	16,133.16	17,288.77	18,571.61	18,138.83	17,943.14	18,089.02	16,979.75	17,369.82

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES.

Part 1.—BY COMPANIES IN EACH GROUP.

GROUP I.

A.—MILEAGE OPERATED OVER RAILWAYS.

[The mileage given as operated by express companies over some roads in each group contains a varying amount of mileage lying in other groups.]

ROUTES.	Adams.	Ameri- can.	Domin- ion.	Earle & Prew's.	National.	New England Despatch.	New York and Boston Despatch.	United States.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over railways in Group I.	1,464.00	4,997.00	252.00	146.00	430.00	887.00	399.23	240.00	8,815.23	1,953.90	6,861.33
Atlantic and St. Lawrence Railroad Company.....		166.58							166.58		166.58
Bangor and Piscataquis Railroad Company.....		95.00							95.00		95.00
Bennington and Rutland Railway Company.....					58.91				58.91		58.91
Boston and Albany Railroad Company.....	154.63	342.00				99.00			595.63	253.63	342.00
Boston and Maine Railroad Company.....	147.00	a1,210.03				167.00	12.00		a1,536.03	326.00	a1,210.03
Bridgton and Saco River Railroad Company.....		16.00							16.00		16.00
Canadian Pacific Railway Company.....			b252.00						b252.00		b252.00
Central Vermont Railroad Company.....	65.00	665.10			116.00				846.10	181.00	665.10
Cheshire Railroad Company.....		64.01							64.01		64.01
Concord and Montreal Railroad Company.....		422.75							422.75		422.75
Connecticut River Railroad Company.....		79.85							79.85		79.85
Fall River, Warren and Providence Railroad Company.....				5.79					5.79		5.79
Fitchburg Railroad Company.....		368.29			255.09				623.38	255.09	368.29
Grafton and Upton Railroad.....	16.00								16.00		16.00
Housatonic Railroad Company.....								189.00	189.00		189.00
Knox and Lincoln Railroad.....		50.00							50.00		50.00
Maine Central Railroad Company.....		c732.80				251.00			c983.80	251.00	c732.80
Meriden, Waterbury and Connecticut River Railroad Company.....								28.20	28.20		28.20
Monadnock Railroad Company.....		15.80							15.80		15.80
Monson Railroad Company.....		7.20							7.20		7.20
Montpelier and Wells River Railroad Company.....		38.00							38.00		38.00
Narragansett Pier Railroad.....	8.50								8.50		8.50
Newport and Wickford Railroad Company.....	3.10								3.10		3.10
New York and New England Railroad Company.....	476.27					201.00			677.27	201.00	476.27
New York, New Haven and Hartford Railroad Company.....	453.50	255.09							708.59	182.70	525.89
New York, Providence and Boston Railroad Company.....	64.00	64.00		58.56					186.56	64.00	122.56
Old Colony Railroad Company.....	44.00	136.09		44.00		169.00	387.23		780.23	216.68	563.55
Portland and Rochester Railroad Company.....		52.00							52.00		52.00
Providence and Springfield Railroad Company.....				22.80				22.80	45.60	22.80	22.80
Providence, Warren and Bristol Railroad Company.....				14.85					14.85		14.85
St. Johnsbury and Lake Champlain Railroad Company.....		131.50							131.50		131.50
Sebasticoek and Moosehead Railroad Company.....		8.00							8.00		8.00
Shepaug, Litchfield and Northern Railroad Company.....	32.00								32.00		32.00
Somerset Railway Company.....		31.00							31.00		31.00
Upper Coos Railroad Company.....		21.00							21.00		21.00
Woodstock Railroad Company.....		14.00							14.00		14.00
York Harbor and Beach Railroad Company.....		11.00							11.00		11.00

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group I.	292.00	2,275.00		218.00		1,407.00	233.00	601.00	5,026.00	1,626.00	3,400.00
Alton Bay Wolfboro Line.....		18.00							18.00		18.00
Boston and Bangor Steamship Company.....		290.00				428.00			718.00	290.00	428.00
Boston and Gloucester Steamship Company.....		30.00							30.00		30.00
Boston, Halifax and Prince Edward Island Steamboat Company.....		400.00							400.00		400.00
Bridgeport Steamboat Company.....								65.00	65.00		65.00
Canada Atlantic Steamship Company.....		400.00							400.00		400.00
Continental Steamboat Company.....				30.00					30.00		30.00
Frontier Steamboat Company.....		30.00							30.00		30.00
International Steamboat Company.....		635.00				300.00			935.00	300.00	635.00
New Bedford, Martha's Vineyard and Nantucket Steamboat Company.....							52.00		52.00		52.00
New England Terminal Company.....								42.00	42.00		42.00
New Haven Steamboat Company.....								65.00	65.00		65.00
New London Steamboat Company.....	35.00								35.00		35.00
Newport and Narragansett Pier Line.....	9.00								9.00		9.00
Newport and Wickford Steamboat Company.....	12.00								12.00		12.00
New York and Norwalk Steamboat Company.....								45.00	45.00		45.00
Norwich and New York Transportation Company.....	116.00								116.00		116.00
Old Colony Steamboat Company.....						d366.00	181.00	181.00	728.00	543.00	185.00
Portland Steam Packet Company.....						113.00			113.00		113.00
Portland, Mount Desert and Machias Steamboat Company.....		232.00				200.00			432.00	200.00	232.00
Providence and Newport Steamboat Company.....								30.00	30.00		30.00
Stonington Line.....	120.00			188.00				173.00	481.00	293.00	188.00
Yarmouth Steamship Company.....		240.00							240.00		240.00

a Includes 36.75 miles of line in Canada.

b Includes 85.50 miles of line in Canada.

c Includes 52.63 miles of line in Canada.

d New York to Fall River, 181 miles; New York to New Bedford, 185 miles.

EXPRESS COMPANIES.

509

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP I—Continued.

C.—MILEAGE OPERATED OVER STAGE LINES.

ROUTES.	Adams.	Ameri- can.	Domin- ion.	Earle & Prew's.	National.	New England Despatch.	New York and Boston Despatch.	United States.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over stage lines in Group I.		90.00							90.00		90.00
Lines in Maine		70.00							70.00		70.00
Lines in Massachusetts		20.00							20.00		20.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group I	1,756.00	7,362.00	252.00	364.00	430.00	2,294.00	632.23	841.00	13,931.23	3,579.90	10,351.33
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GROUP II.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Ameri- can.	Camden and Atlantic.	Long Island.	National.	United States.	Wells, Fargo & Co.'s.	West Jersey.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over railways in Group II.	6,082.00	4,568.00	78.93	352.70	955.00	4,230.00	1,548.00	245.06	18,068.78	646.91	17,421.87
Addison and Pennsylvania Railway Company							46.50		46.50		46.50
Albany and Susquehanna Railroad Company					187.35				187.35		187.35
Allegheny Valley Railroad Company	260.30								260.30		260.30
Annapolis and Baltimore Short Line Railroad Company						27.75			27.75		27.75
Annapolis, Washington and Baltimore Railroad Company						20.50			20.50		20.50
Atlantic City Railroad Company						83.46			83.46		83.46
Baltimore and Delaware Bay Railroad Company	50.00								50.00		50.00
Baltimore and Eastern Shore Railroad Company	30.00					30.00			60.00	30.00	30.00
Baltimore and Ohio Railroad Company (east of Ohio river)						1,109.32			1,109.32		1,109.32
Baltimore and Potomac Railroad Company	95.86								95.86		95.86
Baltimore and Sparrow Point Railroad Company	4.70								4.70		4.70
Bangor and Portland Railway Company						32.51			32.51		32.51
Bath and Hammondsport Railroad Company						10.83	9.00		19.83	9.00	10.83
Beech Creek Railroad Company	146.91								146.91		146.91
Bloomsburg and Sullivan Railroad Company						30.00			30.00		30.00
Bradford, Bordell and Kinzua Railroad Company						50.00	62.32		112.32	50.00	62.32
Bradford, Eldred and Cuba Railroad Company						34.29	33.00		67.29	33.00	34.29
Buffalo, Rochester and Pittsburg Railway Company		284.00							284.00		284.00
Camden and Atlantic Railroad Company	59.00		78.93						137.93	59.00	78.93
Cartnage and Adirondack Railroad Company		37.00							37.00		37.00
Catasauqua and Fogelsville Railroad Company						25.50			25.50		25.50
Catskill Mountain Railway Company		19.50							19.50		19.50
Central New England and Western Railroad Company	164.04	42.00							206.04	42.00	164.04
Central Railroad Company of New Jersey	82.00					662.12			744.12	82.00	662.12
Chataugay Railroad Company					72.82				72.82		72.82
Cooperstown and Charlotte Valley Railroad Company					16.00				16.00		16.00
Cornwall Railroad Company						12.67			12.67		12.67
Cornwall and Lebanon Railroad Company	22.96								22.96		22.96
Coudersport and Port Allegheny Railroad Company		17.00							17.00		17.00
Cresson, Clearfield County and New York Short Route Railroad Company	20.10								20.10		20.10
Cumberland Valley Railroad Company	144.93								144.93		144.93
Delaware and Hudson Canal Company	18.00				158.19				176.19	18.00	158.19
Delaware Bay and Cape May Railroad Company							3.50		3.50		3.50
Delaware, Lackawanna and Western Railroad Company						780.89			780.89		780.89
Delaware River Railroad Company								19.97	19.97		19.97
Diamond Valley Railroad Company	12.25								12.25		12.25
Elmira, Cortland and Northern Railroad Company		139.00							139.00		139.00
Erie and Wyoming Valley Railroad Company							62.25		62.25		62.25
Fall Brook Coal Company		231.12							231.12		231.12
Fonda, Johnstown and Gloversville Railroad Company		22.88							22.88		22.88
Gettysburg and Harrisburg Railroad Company	24.60								24.60		24.60
Greenwich and Johnsonville Railway Company					14.65				14.65		14.65
Harrisburg and Potomac Railroad Company	36.90								36.90		36.90
Huntington and Broadtop Mountain Railroad and Coal Company	64.20								64.20		64.20
Kaaterskill Railroad Company		7.50							7.50		7.50

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP II—Continued.

A.—MILEAGE OPERATED OVER RAILWAYS—Continued.

ROUTES.	Adams.	Ameri- can.	Camden and Atlantic.	Long Island.	National.	United States.	Wells, Fargo & Co.'s.	West Jersey.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Keeseville, Au Sable Chasun and Lake Champlain Railroad Company.					5.64				5.64		5.64
Lackawanna and Southwestern Railroad Company.						20.00			20.00		20.00
Lancaster, Oxford and Southern Railroad Company.	20.00								20.00		20.00
Lebanon Springs Railroad Company.					57.10				57.10		57.10
Lehigh and Hudson River Railroad Company.							77.20		77.20		77.20
Lehigh Valley Railroad Company.	722.00	96.88							818.88		818.88
Long Island Railroad Company.				352.79					352.79		352.79
Maryland Central Railway Company.	84.40								84.40		84.40
Middleburg and Schoharie Railroad Company.					5.75				5.75		5.75
Monongahela River Railroad Company.						31.00			31.00		31.00
Montour Railroad Company.		11.00							11.00		11.00
Montrose Railway Company.	28.00								28.00		28.00
Mont Alto Railroad Company.	17.89								17.89		17.89
Newburg, Dutchess and Connecticut Railroad Company.		58.80							58.80		58.80
New Jersey and New York Railroad Company.						47.90			47.90		47.90
New York and Canada Railroad Company.					94.64				94.64		94.64
New York and Greenwood Lake Railway Company.							43.25		43.25		43.25
New York and Massachusetts Railway Company.		34.99							34.99		34.99
New York and Northern Railway Company.		61.00							61.00		61.00
New York Central and Hudson River Railroad Company.		1,420.64			148.00				1,568.64	148.00	1,420.64
New York, Lake Erie and Western Railroad Company.							1,037.85		1,037.85		1,037.85
New York, Ontario and Western Railway.		424.12							424.12		424.12
New York, Philadelphia and Norfolk Railroad Company.	111.46								111.46		111.46
New York, Susquehanna and Western Railroad Company.		157.28					111.91		269.19	111.91	157.28
Northern Central Railroad Company.	372.83								372.83		372.83
Pennsylvania Railroad Company.	2,449.24								2,449.24		2,449.24
Pennsylvania and Northwestern Railroad Company.	70.86								70.86		70.86
Pennsylvania, Poughkeepsie and Boston Railroad Company.	95.62								95.62		95.62
Perkiomen Railroad Company.						38.50			38.50		38.50
Perry County Railroad Company.	11.10								11.10		11.10
Philadelphia and Reading Railroad Company.						843.10			843.10		843.10
Philadelphia, Newtown and New York Railroad Company.						20.90			20.90		20.90
Philadelphia, Wilmington and Baltimore Railroad Company.	533.93								533.93		533.93
Port Jervis, Monticello and New York Railroad Company.		41.05							41.05		41.05
Raritan River Railroad Company.						15.34			15.34		15.34
Reading and Columbia Railroad Company.						47.72			47.72		47.72
Rensselaer and Saratoga Railroad Company.					194.86				194.86		194.86
Reynoldsville and Falls Creek Railroad Company.		14.50							14.50		14.50
Rockaway Valley Railroad Company.						12.00			12.00		12.00
Rome, Watertown and Ogdensburg Railroad Company.		637.00							637.00		637.00
Sharpville Railroad Company.		20.53							20.53		20.53
Silver Lake Railway Company.		6.86							6.86		6.86
Sinnemahoning Valley Railroad Company.		9.00							9.00		9.00
Skaneateles Railroad Company.		5.00							5.00		5.00
Statens Island Rapid Transit Railroad Company.						22.40			22.40		22.40
Stewartstown Railroad Company.	7.20								7.20		7.20
Stony Clove and Catskill Mountain Railroad Company.		14.00							14.00		14.00
Syracuse and Baldwinsville Railroad Company.		6.00							6.00		6.00
Syracuse, Binghamton and New York Railroad Company.						81.00			81.00		81.00
Tioga Railroad.							64.72		64.72		64.72
Tonawanda Valley and Cuba Railroad Company.						30.00			30.00		30.00
Tuckerton Railroad Company.	49.00								49.00		49.00
Ulster and Delaware Railroad Company.		77.61							77.61		77.61
Union Transportation Company.	24.47								24.47		24.47
Wallkill Valley Railroad Company.		32.88							32.88		32.88
Waynesburg and Washington Railroad Company.	28.15								28.15		28.15
Western Maryland Railroad Company.	124.10								124.10		124.10
Western New York and Pennsylvania Railroad Company.		638.86							638.86		638.86
West Jersey Railroad Company.	64.00								64.00		64.00
Williamsport and North Branch Railroad Company.						27.00		221.59	285.59	64.00	221.59
Wilmington and Northern Railroad Company.						92.30			92.30		92.30
Wilkesbarre and Western Railway Company.	22.00								22.00		22.00

EXPRESS COMPANIES.

511

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP II—Continued.

B.—MILEAGE OPERATED OVER WATER LINES.

ROUTES.	Adams.	Ameri- can.	Camden and Atlantic.	Long Island.	National.	United States.	Wells, Fargo & Co.'s.	West Jersey.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over water lines in Group II.	399.00	288.00			231.00	290.00			1,208.00	82.00	1,126.00
Baltimore Steam Packet Company	200.00								200.00		200.00
Canandaigua lake steamers		25.00							25.00		25.00
Cape Vincent and Kingston Line		20.00							20.00		20.00
Cayuga Lake Steamboat Company						40.00			40.00		40.00
Charlotte and Point Hope Line		65.00							65.00		65.00
Chester River Steamboat Company						65.00			65.00		65.00
Choptank Steamboat Company						100.00			100.00		100.00
Keuka Lake Steamboat Company	23.00	22.00				20.00			65.00	42.00	23.00
Lake Champlain Transportation Company					88.00				88.00		88.00
Maryland Steam Packet Company	100.00								100.00		100.00
New York, Philadelphia and Norfolk Railroad Company	36.00								36.00		36.00
Ogdensburg and Prescott Line		2.00							2.00		2.00
People's Line steamers					143.00				143.00		143.00
Rondout Line steamers		90.00							90.00		90.00
Salem and Philadelphia Steamboat line						65.00			65.00		65.00
Seneca Lake steamers	40.00	40.00							80.00	40.00	40.00
Thousand Islands Steamboat Company		24.00							24.00		24.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group II.		3.00							3.00		3.00
Lines in New York		3.00							3.00		3.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group II.	6,481.00	4,859.00	78.93	352.79	1,186.00	4,529.00	1,548.00	245.06	19,279.78	728.91	18,550.87
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GROUP III.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Ameri- can.	Cincinnati, Georgetown and Portsmouth.	Pacific.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over railways in Group III.	5,389.00	9,272.75	42.00	479.00	5,129.75	1,450.00	21,762.50	1,258.05	20,504.45
Baltimore and Ohio Railroad Company (west of Ohio river)					577.00		577.00		577.00
Baltimore and Ohio Southwestern Railroad Company					282.03		282.03		282.03
Bellaire, Zanesville and Cincinnati Railroad Company	110.75						110.75		110.75
Chautauqua Lake Railway Company		23.85					23.85		23.85
Chicago and Atlantic Railway Company						268.40	268.40		268.40
Chicago and Grand Trunk Railway Company		335.27					335.27		335.27
Chicago and West Michigan Railway Company		408.40					408.40		408.40
Chicago, Kalamazoo and Saginaw Railway Company		44.20					44.20		44.20
Chicago, St. Louis and Pittsburg Railroad Company	532.15						532.15		532.15
Cincinnati and Muskingum Valley Railway Company	148.45						148.45		148.45
Cincinnati, Georgetown and Portsmouth Railroad Company			42.00				42.00		42.00
Cincinnati, Hamilton and Dayton Railroad Company		13.00			346.80		359.80	13.00	346.80
Cincinnati, Jackson and Mackinaw Railroad Company		349.10					349.10		349.10
Cincinnati, Lebanon and Northern Railway Company		37.65					37.65		37.65
Cincinnati Northwestern Railroad Company					6.50		6.50		6.50
Cincinnati, Saginaw and Mackinaw Railroad Company		52.97					52.97		52.97
Cincinnati, Sandusky and Cleveland Railway Company					190.81		190.81		190.81
Cincinnati, Wabash and Michigan Railway Company					166.00		166.00		166.00
Cleveland and Canton Railroad Company		196.45					196.45		196.45
Cleveland and Marietta Railroad Company		104.70					104.70		104.70
Cleveland and Western Railroad Company					56.00		56.00		56.00
Cleveland, Akron and Columbus Railway Company	193.85						193.85		193.85
Cleveland, Cincinnati, Chicago and St. Louis Railway Company (east of Terre Haute)	462.00	810.55					1,272.55	462.00	810.55
Cleveland, Lorain and Wheeling Railroad Company		164.30					164.30		164.30
Columbus and Cincinnati Midland Railroad Company					71.20		71.20		71.20
Columbus, Hocking Valley and Toledo Railway Company	317.27	123.00					440.27	123.00	317.27
Columbus, Shawnee and Hocking Railway Company	66.30				138.50		204.80	66.30	138.50
Dayton and Union Railway Company					46.69		46.69		46.69
Dayton, Fort Wayne and Chicago Railway Company		99.00			260.70		359.70	99.00	260.70
Detroit, Bay City and Alpena Railroad Company		232.98					232.98		232.98
Detroit, Grand Haven and Milwaukee Railway Company		189.00					189.00		189.00
Detroit, Lansing and Northern Railroad Company		323.68					323.68		323.68
Dunkirk, Allegheny Valley and Pittsburg Railroad Company		90.60					90.60		90.60
Evansville and Terre Haute Railroad Company	164.12						164.12		164.12
Findlay, Fort Wayne and Western Railroad Company					23.30		23.30		23.30

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP III—Continued.

A.—MILEAGE OPERATED OVER RAILWAYS—Continued.

ROUTES.	Adams.	Ameri- can.	Cincinnati, Georget- own and Port- smouth.	Pacific.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Flint and Pere Marquette Railroad Company		649.94					649.94		649.94
Fort Wayne, Cincinnati and Louisville Railway Company		132.70					132.70		132.70
Frankfort and Southeastern Railroad Company		26.95					26.95		26.95
Grand Rapids and Indiana Railroad Company	584.17						584.17		584.17
Grand Trunk Railway Company		105.60					105.60		105.60
Hancock and Calumet Railroad Company		20.36					20.36		20.36
Indiana and Illinois Southern Railroad Company	90.00						90.00		90.00
Indiana, Illinois and Iowa Railroad Company					118.00		118.00		118.00
Indianapolis, Decatur and Western Railway Company (in Indiana)		76.75			76.75		153.50	76.75	76.75
Lake Erie and Western Railroad Company					585.84		585.84		585.84
Lake Erie, Alliance and Southern Railway Company	61.00						61.00		61.00
Lake Shore and Michigan Southern Railway Company		339.00			1,338.06		1,677.06	339.00	1,338.06
Lake Side and Marblehead Railroad Company					7.35		7.35		7.35
Louisville, Evansville and St. Louis Consolidated Railroad Com- pany.					297.02		297.02		297.02
Louisville, New Albany and Chicago Railway Company		537.07					537.07		537.07
Louisville, New Albany and Corydon Railroad Company					12.50		12.50		12.50
Manistee and Northeastern Railroad Company		69.71					69.71		69.71
Meadville and Linesville Railway Company	20.50						20.50		20.50
Michigan Central Railroad Company		21,529.66					21,529.66		21,529.66
Midland Railway Company of Indiana					74.00		74.00		74.00
Mineral Range Railroad Company		17.00					17.00		17.00
New York, Chicago and St. Louis Railroad Company		523.02					523.02		523.02
New York, Lake Erie and Western Railroad Company (west of Salamanca).						596.50	596.50		596.50
Ohio and Mississippi Railroad Company (east of Vincennes)	252.96						252.96		252.96
Ohio and Northwestern Railroad Company	111.50						111.50		111.50
Ohio Southern Railroad Company					118.25		118.25		118.25
Pennsylvania Company	1,363.48						1,363.48		1,363.48
Pittsburg and Lake Erie Railroad Company		163.72					163.72		163.72
Pittsburg and Western Railway Company					56.00	289.18	345.18		345.18
Pittsburg, Cincinnati and St. Louis Railroad Company	465.46						465.46		465.46
Pittsburg, Marion and Chicago Railroad Company	25.00						25.00		25.00
Pittsburg, Shenango and Lake Erie Railroad Company	83.40						83.40		83.40
Pontiac, Oxford and Northern Railroad Company		100.20					100.20		100.20
Saginaw, Tuscola and Huron Railroad Company		66.57					66.57		66.57
St. Clairsville and Northern Railway Company		3.40					3.40		3.40
St. Joseph Valley Railway Company		10.00					10.00		10.00
Scioto Valley and New England Railroad Company	128.74						128.74		128.74
Terre Haute and Indianapolis Railroad Company (in Indiana)	79.00	262.60					341.60	79.00	262.60
Tionesta Valley Railroad Company	40.00						40.00		40.00
Toledo and Ohio Central Railway Company					235.45		235.45		235.45
Toledo and Ohio Central Extension Railroad Company							45.00		45.00
Toledo and South Haven Railroad Company		37.00					37.00		37.00
Toledo, Ann Arbor and North Michigan Railway Company		286.00					286.00		286.00
Toledo, Columbus and Cincinnati Railroad Company						72.37	72.37		72.37
Toledo, Saginaw and Muskegon Railroad Company		116.00					116.00		116.00
Toledo, St. Louis and Kansas City Railroad Company		450.72					450.72		450.72
Valley Railroad Company of Ohio		87.68					87.68		87.68
Wabash Railroad Company (east of Danville, Ill.)				479.00			479.00		479.00
Warren and Farnsworth Railroad Company	15.26						15.26		15.26
Wheeling and Lake Erie Railway Company						223.55	223.55		223.55
White Water Railroad Company		62.40					62.40		62.40
Zanesville and Ohio River Railroad Company	73.64						73.64		73.64

a Includes 300.30 miles of line in Canada.

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group III.....	746.00	300.00					1,046.00		1,046.00
Detroit, Grand Haven and Milwaukee Railway Company.....		85.00					85.00		85.00
Detroit and Cleveland Navigation Company.....		120.00					120.00		120.00
Lake Michigan and Lake Superior Transportation Company.....		95.00					95.00		95.00
Pittsburg and Cairo lines.....	746.00						746.00		746.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group III.....	55.00	6.00					61.00		61.00
Lines in Ohio.....	19.00	6.00					25.00		25.00
Lines in Indiana.....	9.00						9.00		9.00
Lines in Michigan.....	27.00						27.00		27.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group III.....	6,190.00	9,578.75	42.00	479.00	5,129.75	1,450.00	22,869.50	1,258.05	21,611.45
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EXPRESS COMPANIES.

513

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP IV.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Southern.	United States.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group IV.....	1,550.50	6,435.00	540.00	8,525.50	51.57	8,473.93
Atlantic and Danville Railway Company.....		218.00		218.00		218.00
Atlantic and North Carolina Railroad Company.....		95.00		95.00		95.00
Atlantic Coast Line Association.....		952.14		952.14		952.14
Baltimore and Ohio Railroad Company (south of Harper's Ferry, W. Va.).....			101.63	101.63		101.63
Barnwell Railway Company.....		9.00		9.00		9.00
Bishopville Railroad Company.....		15.00		15.00		15.00
Blackville, Alston and Newberry Railroad Company.....		30.00		30.00		30.00
Cape Fear and Yadkin Valley Railway Company.....		338.05		338.05		338.05
Carolina Central Railroad Company.....		267.00		267.00		267.00
Charleston and Savannah Railway Company.....		120.60		120.60		120.60
Charleston, Cincinnati and Chicago Railroad Company.....		156.29		156.29		156.29
Charleston, Sumter and Northern Railroad Company.....		70.75		70.75		70.75
Chesapeake and Ohio Railway Company (east of Huntington, W. Va.).....	510.00		311.67	821.67	51.57	770.10
Danville and New River Railroad Company.....		83.00		83.00		83.00
Durham and Northern Railway Company.....		41.00		41.00		41.00
Georgetown and Western Railroad Company.....		36.00		36.00		36.00
Georgia, Carolina and Northern Railway Company.....		62.02		62.02		62.02
Green Pond, Walterboro and Branchville Railway Company.....		12.00		12.00		12.00
Jamesville and Washington Railroad Company.....		22.57		22.57		22.57
Kanawha and Michigan Railroad Company (south of Ohio river).....			64.70	64.70		64.70
Lynchburg and Durham Railroad Company.....		84.00		84.00		84.00
Norfolk and Virginia Beach Railroad Company.....		17.90		17.90		17.90
Norfolk and Western Railroad Company.....		559.00		559.00		559.00
Norfolk Southern Railroad Company.....		74.02		74.02		74.02
Ohio River Railroad Company.....	215.00			215.00		215.00
Palmetto Railroad Company.....		18.20		18.20		18.20
Port Royal and Augusta Railway Company.....		112.00		112.00		112.00
Port Royal and Western Carolina Railway Company.....		228.60		228.60		228.60
Raleigh and Augusta Air Line Railroad Company.....		129.27		129.27		129.27
Raleigh and Gaston Railroad Company.....		107.00		107.00		107.00
Richmond and Danville Railroad Company (east of Atlanta, Ga.).....	335.50	2,123.00		2,458.50		2,458.50
Richmond, Fredericksburg and Potomac Railroad Company.....	81.70			81.70		81.70
Seaboard and Roanoke Railroad Company.....		113.60		113.60		113.60
Shenandoah Valley Railroad Company.....	246.12			246.12		246.12
South Atlantic and Ohio Railroad Company.....		54.82		54.82		54.82
South Carolina Railway Company.....		246.00		246.00		246.00
Valley Railroad Company of Virginia.....			62.00	62.00		62.00
Washington Southern Railway Company.....	33.60			33.60		33.60
West Virginia Central and Pittsburg Railway Company.....	128.58			128.58		128.58
Wilmington, Chadbourne and Conway Railroad Company.....		39.17		39.17		39.17

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group IV.....	1,550.50	6,435.00	540.00	8,525.50	51.57	8,473.93
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a No mileage over water and stage lines in this group.

GROUP V.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Pacific.	Southern.	United States.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group V.....	1,507.00	687.98	12,898.00	1,431.50	16,524.84	1,060.84	15,463.94
Alabama and Vicksburg Railway Company.....				142.60	142.60		142.60
Alabama Great Southern Railroad Company.....				295.00	295.00		295.00
Alabama Midland Railroad Company.....			207.72		207.72		207.72
Anniston and Atlantic Railroad Company.....			52.36		52.36		52.36
Anniston and Cincinnati Railroad Company.....				35.00	35.00		35.00
Atlanta and Florida Railroad Company.....			105.00		105.00		105.00
Atlanta and West Point Railroad Company.....			86.11		86.11		86.11
Atlantic and Western Railroad Company (of Florida).....			30.00		30.00		30.00
Augusta, Gibson and Sandersville Railroad Company.....			80.00		80.00		80.00
Birmingham Mineral Railroad Company.....			151.01		151.01		151.01
Birmingham, Sheffield and Tennessee River Railway Company.....			106.00		106.00		106.00
Blue Ridge and Atlantic Railroad Company.....			20.90		20.90		20.90
Brunswick and Western Railroad Company.....			171.00		171.00		171.00
Central Railroad and Banking Company of Georgia.....			1,317.46		1,317.46		1,317.46
Chattanooga, Rome and Columbus Railroad Company.....			176.00	140.00	316.00	140.00	176.00
Chesapeake and Nashville Railway Company.....	35.87				35.87		35.87
Chesapeake and Ohio Railway Company (west of Huntington, W. Va.).....	161.50				161.50		161.50
Chesapeake, Ohio and Southwestern Railroad Company.....			398.48		398.48		398.48
Cincinnati and Southeastern Railway Company.....	17.00				17.00		17.00
Cincinnati, New Orleans and Texas Pacific Railway Company.....				386.00	386.00		386.00

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP V—Continued.

A.—MILEAGE OPERATED OVER RAILWAYS—Continued.

ROUTES.	Adams.	Pacific.	Southern.	United States.	Total operated mileage.	Duplicated mileage.	Net mileage.
Covington and Macon Railroad Company.....			107.00		107.00		107.00
East and West Railroad Company of Alabama.....			117.60		117.60		117.60
East Tennessee, Virginia and Georgia Railway Company.....			1,197.50	68.00	1,265.50	68.00	1,197.50
Elizabethtown, Lexington and Big Sandy Railroad Company.....	139.69				139.69		139.69
Florida Central and Peninsular Railroad Company.....			598.00		598.00		598.00
Florida Southern Railway Company (including Charlotte Harbor division).....			245.51		245.51		245.51
Georgia Railroad Company.....			307.00		307.00		307.00
Georgia Midland and Gulf Railroad Company.....			99.20		99.20		99.20
Georgia Southern and Florida Railroad Company.....			285.00		285.00		285.00
Illinois Central Railroad Company (south of Ohio river).....			894.41		894.41		894.41
Jacksonville, St. Augustine and Halifax River Railway.....			37.03		37.03		37.03
Jacksonville, Tampa and Key West Railway Company.....			200.00		200.00		200.00
Kansas City, Memphis and Birmingham Railroad Company.....			276.57		276.57		276.57
Kentucky Central Railway Company.....	253.81				253.81		253.81
Kentucky Midland Railway Company.....				40.00	40.00		40.00
Kentucky Union Railway Company.....	70.00				70.00		70.00
Knoxville and Ohio Railroad Company.....			60.00		60.00		60.00
Knoxville, Cumberland Gap and Louisville Railroad Company.....			73.00		73.00		73.00
Louisville and Nashville Railroad Company (south of Ohio river).....	752.84		1,342.48		2,095.32	752.84	1,342.48
Louisville and Wadley Railroad Company.....			10.00		10.00		10.00
Louisville, New Orleans and Texas Railway Company.....		656.98	100.00		756.98	100.00	656.98
Louisville, St. Louis and Texas Railway Company.....				142.00	142.00		142.00
Louisville Southern Railway Company.....				37.00	37.00		37.00
Memphis and Charleston Railroad Company.....			330.00		330.00		330.00
Mobile and Birmingham Railway Company.....			163.00		163.00		163.00
Mobile and Northwestern Railroad Company.....		31.00			31.00		31.00
Mobile and Ohio Railroad Company (south of Cairo, Ill.).....			526.00		526.00		526.00
Nashville and Knoxville Railroad Company.....			48.00		48.00		48.00
Nashville, Chattanooga and St. Louis Railway Company.....			652.17		652.17		652.17
New Orleans and Northeastern Railroad Company.....				195.90	195.90		195.90
Ohio and Big Sandy Railroad Company.....	48.29				48.29		48.29
Ohio Valley Railway Company.....			108.13		108.13		108.13
Orange Belt Railway Company.....			152.30		152.30		152.30
Owensboro, Falls of Rough and Green River Railroad.....	28.00				28.00		28.00
Richmond and Danville Railroad Company (west of Atlanta, Ga.).....			566.39		566.39		566.39
Rome Railroad (of Georgia).....			22.00		22.00		22.00
Sandersville and Tennille Railway Company.....			3.50		3.50		3.50
Savannah, Americus and Montgomery Railway Company.....			173.00		173.00		173.00
Savannah, Florida and Western Railway Company.....			569.00		569.00		569.00
South Florida Railroad Company.....			214.96		214.96		214.96
Sylvania Railroad Company.....			15.00		15.00		15.00
Tallahadega and Coosa Valley Railroad Company.....			24.90		24.90		24.90
Tavares and Gulf Railroad Company.....			28.00		28.00		28.00
Tavares, Orlando and Atlantic Railroad Company.....			33.20		33.20		33.20
Tennessee Midland Railroad Company.....			136.00		136.00		136.00
Troy and Tiptonville Railroad Company.....			4.60		4.60		4.60
Tuskegee Railroad Company.....			5.50		5.50		5.50
Western and Atlantic Railroad Company.....			138.00		138.00		138.00
Western Railway Company of Alabama.....			132.01		132.01		132.01

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group V.....	122.00				122.00		122.00
Lines in Kentucky.....	122.00				122.00		122.00

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group V.....	1,629.00	687.98	13,898.00	1,431.50	16,646.48	1,060.84	15,585.64
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a No mileage over water lines in this group.

EXPRESS COMPANIES.

515

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP VI.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Ameri- can.	Northern Pacific.	Pacific.	Southern.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Total mileage operated over railways in Group VI....	5,103.00	20,540.03	2,388.14	1,951.00	152.00	6,986.25	728.00	37,848.42	745.36	37,103.06
Abbotsford and Northeastern Railroad Company.....			15.00					15.00		15.00
Aitchison, Topeka and Santa Fe Railroad Company (east of Kansas city, Mo.).....							613.75	613.75		613.75
Burlington, Cedar Rapids and Northern Railway Company.....						1,046.40		1,046.40		1,046.40
Cedar Rapids and Marion Railway Company.....		6.00						6.00		6.00
Centralia and Chester Railroad Company.....	8.50							8.50		8.50
Centerville, Moravia and Albia Railroad Company.....						24.10		24.10		24.10
Chicago and Alton Railroad Company.....						848.68		848.68		848.68
Chicago and Eastern Illinois Railway Company.....		435.75						435.75		435.75
Chicago and Iowa Railroad Company.....		77.36						77.36		77.36
Chicago and Northwestern Railway Company.....		4,218.68				85.00		4,303.68	85.00	4,218.68
Chicago and Ohio River Railroad Company.....		86.00						86.00		86.00
Chicago, Burlington and Kansas City Railway Company.....		220.10						220.10		220.10
Chicago, Burlington and Northern Railroad Company of Wisconsin and Minnesota.....		371.11						371.11		371.11
Chicago, Burlington and Quincy Railroad Company (east of Missouri river).....		2,171.70					114.25	2,285.95	114.25	2,171.70
Chicago, Fort Madison and Des Moines Railway Company.....		45.00						45.00		45.00
Chicago, Iowa and Dakota Railway Company.....		26.50						26.50		26.50
Chicago, Milwaukee and St. Paul Railway Company.....	2,910.00	2,937.09						5,847.00	161.08	5,685.92
Chicago, Peoria and St. Louis Railway Company.....	120.00							120.00		120.00
Chicago, Rock Island and Pacific Railway Company (east of Missouri river).....						1,588.80		1,588.80		1,588.80
Chicago, St. Paul and Kansas City Railway Company.....						816.55		816.55		816.55
Chicago, St. Paul, Minneapolis and Omaha Railway Company (east of Missouri river).....		1,148.21						1,148.21		1,148.21
Cleveland, Cincinnati, Chicago and St. Louis Railway Com- pany (west of Terre Haute).....	213.68	270.00						483.68		483.68
Des Moines and Kansas City Railway Company.....		112.00						112.00		112.00
Des Moines and Northern Railway Company.....						41.61		41.61		41.61
Des Moines and Northwestern Railway Company.....						114.00		114.00		114.00
Dubuque and Sioux City Railroad Company.....		599.59						599.59		599.59
Duluth and Iron Range Railroad Company.....						127.05		127.05		127.05
Duluth, Red Wing and Southern Railway Company.....		24.63						24.63		24.63
Duluth, South Shore and Atlantic Railway Company.....		558.77						558.77		558.77
Eastern Railway Company of Minnesota.....		185.26						185.26		185.26
Elgin, Joliet and Eastern Railway Company.....						130.00		130.00		130.00
Fulton County Narrow Gauge Railway Company.....		61.00						61.00		61.00
Grand Tower and Carbondale Railroad.....	32.90							32.90		32.90
Great Northern Railway Company (east of Minot, N. D.).....		2,211.95						2,211.95		2,211.95
Green Bay, Winona and St. Paul Railway Company.....						249.60		249.60		249.60
Hannibal and St. Joseph Railroad Company.....		295.24						295.24		295.24
Humeston and Shenandoah Railroad Company.....		112.53						112.53		112.53
Illinois Central Railroad Company (north of Ohio river).....		1,381.18						1,381.18		1,381.18
Indianapolis, Decatur and Western Railway Company (in Illinois).....		75.76				75.76		151.52	75.76	75.76
Iowa Central Railway Company.....						488.40		488.40		488.40
Jacksonville Southeastern Railway Company.....	134.30							134.30		134.30
Kankakee and Seneca Railroad Company.....		42.08						42.08		42.08
Kansas City, St. Joseph and Council Bluffs Railroad Company.....		307.99						307.99		307.99
Keokuk and Western Railroad.....				147.70				147.70		147.70
Litchfield, Carrollton and Western Railroad Company.....	51.65							51.65		51.65
Louisville and Nashville Railroad Company (north of Ohio river).....	208.00							208.00		208.00
Mason City and Fort Dodge Railroad Company.....		92.00						92.00		92.00
Milwaukee and Northern Railroad Company.....		330.45						330.45		330.45
Milwaukee, Lake Shore and Western Railway Company.....						623.00		623.00		623.00
Minneapolis and St. Louis Railway Company.....						367.70		367.70		367.70
Minneapolis, St. Paul and Sault Ste. Marie Railway Com- pany.....		805.35						805.35		805.35
Mobile and Ohio Railroad Company (north of Cairo).....					152.00			152.00		152.00
Northern Pacific Railroad Company (east of Montana).....			1,596.14					1,596.14		1,596.14
Ohio and Mississippi Railway Company (west of Vincennes).....	375.52							375.52		375.52
Omaha and St. Louis Railway Company.....				145.00				145.00		145.00
Ottumwa and Kirkville Railway Company.....		11.66						11.66		11.66
Pawnee Railroad Company.....		6.61						6.61		6.61
Peoria and Pekin Union Railroad Company.....		18.00						18.00		18.00
Peoria, Decatur and Evansville Railway Company.....	114.00	143.48						257.48		257.48
Quincy, Omaha and Kansas City Railway Company.....				137.53				137.53		137.53
Rock Island and Peoria Railway Company.....						113.00		113.00		113.00
St. Louis and Chicago Railway Company.....		45.00						45.00		45.00
St. Louis and Hannibal Railway Company.....		81.75		81.75				163.50	81.75	81.75
St. Louis, Alton and Springfield Railroad Company.....		96.00		96.00				192.00	96.00	96.00
St. Louis, Alton and Terre Haute Railway Company.....	239.04							239.04		239.04
St. Louis, Keokuk and Northwestern Railway Company.....		227.80						227.80		227.80
St. Paul and Duluth Railroad Company.....	247.75							247.75		247.75
Sault Ste. Marie and Southwestern Railway Company.....		37.00						37.00		37.00
Sioux City and Northern Railway Company.....		96.00						96.00		96.00
Sioux City and Pacific Railroad.....		107.42						107.42		107.42

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP VI—Continued.

A.—MILEAGE OPERATED OVER RAILWAYS—Continued.

ROUTES.	Adams.	Ameri- can.	Northern Pacific.	Pacific.	Southern.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Dupli- cated mileage.	Net mileage.
Tabor and Northern Railroad Company.....		8.79						8.79		8.79
Terre Haute and Indianapolis Railroad Company (in Illinois).....	158.30							158.30		158.30
Terre Haute and Peoria Railroad Company.....		172.90						172.90		172.90
Toledo, Peoria and Western Railroad Company.....	247.10							247.10		247.10
Wabash Railroad Company (west of Danville, Ill.).....		131.52		1,343.02				1,474.54	131.52	1,343.02
Wabash, Chester and Western Railroad Company.....	42.26							42.26		42.26
Wilmar and Sioux Falls Railway Company.....		146.91						146.91		146.91
Wisconsin Central Railroad Company.....			777.00					777.00		777.00
Wisconsin, Minnesota and Pacific Railway Company.....						216.60		216.60		216.60

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group VI..	4.00	31.00						35.00		35.00
Lines in Iowa.....		26.00						26.00		26.00
Lines in Illinois.....	4.00							4.00		4.00
Lines in Missouri.....		5.00						5.00		5.00

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group VI.....	5,107.00	20,571.03	2,388.14	1,951.00	152.00	6,986.25	728.00	37,883.42	745.36	37,138.06
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a No mileage over water lines in this group.

GROUP VII.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	American.	Northern Pacific.	Pacific.	Wells, Fargo & Co.'s.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group VII.....	755.22	1,228.86	2,305.49	4,495.71	8,785.28		8,785.28
Carbon Cut-off Railroad Company.....			19.17		19.17		19.17
Chicago, Burlington and Quincy Railroad Company (west of Missouri river).....				2,955.82	2,955.82		2,955.82
Chicago, St. Paul, Minneapolis and Omaha Railway Company (west of Mis- souri river.).....				241.12	241.12		241.12
Denver and Boulder Valley Railroad Company.....			26.97		26.97		26.97
Fremont, Elkhorn and Missouri Valley Railroad Company.....				1,298.77	1,298.77		1,298.77
Great Northern Railway Company (west of Minot, N. Dak.).....	562.72				562.72		562.72
Kansas City and Omaha Railroad Company.....			193.69		193.69		193.69
Laramie, North Park and Pacific Railroad and Telegraph Company.....			13.19		13.19		13.19
Montana Central Railway Company.....	192.50				192.50		192.50
Montana Union Railway Company.....			72.22		72.22		72.22
Northern Pacific Railroad Company (in Montana and Idaho).....		1,228.86			1,228.86		1,228.86
Omaha and Republican Valley Railroad Company.....			576.33		576.33		576.33
St. Joseph and Grand Island Railroad Company.....			252.52		252.52		252.52
Union Pacific Railway Company (north of Kansas).....			1,151.40		1,151.40		1,151.40

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group VII.....	755.22	1,228.86	2,305.49	4,495.71	8,785.28		8,785.28
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a No mileage over water and stage lines in this group.

EXPRESS COMPANIES.

517

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP VIII.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Adams.	Denver and Rio Grande.	Pacific.	Southern.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group VIII.....	2,205.00	1,687.00	9,101.23	1,201.00	1,765.00	4,195.31	20,154.54	153.68	20,000.86
Arkansas Midland Railway Company.....				48.70			48.70		48.70
Atchison, Topeka and Santa Fe Railroad Company (west of Missouri river).....						3,968.44	3,968.44		3,968.44
Atlantic and Pacific Railroad Company (Central division).....						112.05	112.05		112.05
Cape Girardeau Southwestern Railway Company (of Missouri).....	104.38						104.38		104.38
Central Branch Union Pacific Railroad Company.....			388.00				388.00		388.00
Chicago, Rock Island and Pacific Railway Company (west of Missouri river).....					1,733.00		1,733.00		1,733.00
Choctaw Coal and Railway Company.....	31.00						31.00		31.00
Colorado Midland Railway Company.....		287.70					287.70		287.70
Current River Railroad Company.....				81.95			81.95		81.95
Denver and Rio Grande Railroad Company.....		1,399.30					1,399.30		1,399.30
Denver, Leadville and Gunnison Railway Company.....			324.03				324.03		324.03
Bureka Springs Railway Company (Arkansas and Missouri).....	18.50						18.50		18.50
Fort Worth and Rio Grande Railway Company.....			90.92				90.92		90.92
Hutchinson and Southern Railroad Company.....					32.00		32.00		32.00
Junction City and Fort Kearney Railway Company.....			87.80				87.80		87.80
Kansas Central Railroad Company.....			166.22				166.22		166.22
Kansas City and Southern Railway Company.....			115.00				115.00		115.00
Kansas City, Clinton and Springfield Railway Company.....	162.63						162.63		162.63
Kansas City, Fort Scott and Memphis Railroad Company.....	399.73			293.30			693.03	22.43	670.60
Kansas City, Fort Smith and Southern Railway Company.....	34.10						34.10		34.10
Kansas City, Wyandotte and Northwestern Railroad Company.....			234.80				234.80		234.80
Leavenworth, Topeka and Southwestern Railway Company.....			56.08				56.08		56.08
Little Rock and Memphis Railroad Company.....			131.25	131.25			262.50	131.25	131.25
Manhattan, Alma and Burlingame Railway Company.....						56.62	56.62		56.62
Missouri, Kansas and Texas Railway Company (north of Denison, Tex.).....			898.58				898.58		898.58
Missouri Pacific Railway Company.....			3,119.00				3,119.00		3,119.00
St. Louis and San Francisco Railway Company.....	1,329.47			581.80			1,329.47		1,329.47
St. Louis, Arkansas and Texas Railway Company (in Arkansas and Missouri).....			1,545.00				1,545.00		1,545.00
St. Louis, Iron Mountain and Southern Railway Company.....						58.20	58.20		58.20
St. Louis, Kansas City and Colorado Railroad Company.....									
Salina and Southwestern Railway Company.....			63.15				63.15		63.15
Solomon Railroad Company.....			57.04				57.04		57.04
South Park and Leadville Short Line Railroad Company.....			7.37				7.37		7.37
Union Pacific Railway Company (in Kansas and Colorado).....			674.87				674.87		674.87
Union Pacific, Denver and Gulf Railway Company.....			916.68				916.68		916.68
Union Pacific, Lincoln and Colorado Railway Company.....			225.44				225.44		225.44
White and Black River Valley Railway Company.....				64.00			64.00		64.00
Wichita and Western Railway Company.....	125.19						125.19		125.19

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group VIII.....	2,205.00	1,687.00	9,101.23	1,201.00	1,765.00	4,195.31	20,154.54	153.68	20,000.86
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a No mileage over water and stage lines in this group.

STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP IX.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Pacific.	Southern.	United States.	Wells, Fargo & Co.'s.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group IX.....	4,562.96	1,028.00	256.00	3,242.00	9,088.96	54.00	9,034.96
Austin and Northwestern Railroad Company	76.00				76.00		76.00
East Louisiana Railroad Company.....			30.70		30.70		30.70
Fort Worth and Denver City Railway Company.....	469.03				469.03		469.03
Fort Worth and New Orleans Railway Company.....		40.70			40.70		40.70
Galveston, Houston and Henderson Railroad Company of 1882.....		50.00			50.00		50.00
Gulf, Colorado and Santa Fe Railway Company				992.64	992.64		992.64
Houston and Texas Central Railway Company.....		54.00		507.00	561.00	54.00	507.00
Houston, Central Arkansas and Northern Railroad Company.....			49.36		49.36		49.36
Houston East and West Texas Railway Company.....		192.00			192.00		192.00
International and Great Northern Railroad Company.....	775.40				775.40		775.40
Minden Railroad Company.....			5.25		5.25		5.25
Missouri, Kansas and Texas Railway Company (south of Denison, Tex.).....	876.03				876.03		876.03
St. Louis, Arkansas and Texas Railway Company (in Texas).....		640.30			640.30		640.30
San Antonio and Aransas Pass Railway Company.....	637.50				637.50		637.50
Southern Pacific Company (east of El Paso).....				1,742.36	1,742.36		1,742.36
Texas Central Railway Company	230.00				230.00		230.00
Texas and Pacific Railway Company	1,499.00				1,499.00		1,499.00
Texas Trunk Railroad Company.....		51.00			51.00		51.00
Vicksburg, Shreveport and Pacific Railroad Company			170.69		170.69		170.69

D.—MILEAGE OPERATED OVER ALL LINES. (a)

Total express mileage in Group IX.....	4,562.96	1,028.00	256.00	3,242.00	9,088.96	54.00	9,034.96
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a No mileage over water and stage lines in this group.

EXPRESS COMPANIES.

519

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Part 1.—BY COMPANIES IN EACH GROUP—Continued.

GROUP X.

A.—MILEAGE OPERATED OVER RAILWAYS.

ROUTES.	Denver and Rio Grande.	Northern Pacific.	Pacific.	Wells, Fargo & Co.'s.	Total operated mileage.	Duplicated mileage.	Net mileage.
Total mileage operated over railways in Group X.....	413.50	1,102.00	2,039.34	7,468.98	11,023.82	.....	11,023.82
Atlantic and Pacific Railroad Company (western division).....				818.00	818.00	.....	818.00
Aranta and Mad River Railroad Company.....				15.00	15.00	.....	15.00
Carson and Colorado Railroad Company.....				300.00	300.00	.....	300.00
Eel River and Eureka Railroad Company.....				25.00	25.00	.....	25.00
Eureka and Palisade Railroad Company.....				84.00	84.00	.....	84.00
Maricopa and Phoenix Railroad Company.....				34.36	34.36	.....	34.36
Nevada-California-Oregon Railway Company.....				70.00	70.00	.....	70.00
New Mexico and Arizona Railroad Company.....				87.78	87.78	.....	87.78
Northern Pacific Coast Railroad Company.....				88.00	88.00	.....	88.00
Northern Pacific Railroad Company (west of Idaho).....		824.00	.....	.....	824.00	.....	824.00
Olympia and Chehalis Valley Railway Company.....		15.00	.....	.....	15.00	.....	15.00
Oregon and Washington Territory Railroad Company.....		161.00	.....	.....	161.00	.....	161.00
Oregonian Railway Company.....				182.00	182.00	.....	182.00
Oregon Pacific Railway Company.....				127.90	127.90	.....	127.90
Oregon Railway and Navigation Company.....			640.42	330.54	970.96	.....	970.96
Oregon Short Line and Utah Northern Railway Company.....			1,398.02	.....	1,398.92	.....	1,398.92
Pacific Coast Railway Company.....				76.10	76.10	.....	76.10
Prescott and Arizona Central Railway Company.....				73.30	73.30	.....	73.30
Rio Grande Western Railway Company.....	373.70	.....	.....	.....	373.70	.....	373.70
San Francisco and North Pacific Railway Company.....				162.25	162.25	.....	162.25
Santa Fe Southern Railway Company.....	39.80	.....	.....	.....	39.80	.....	39.80
Seattle, Lake Shore and Eastern Railway Company.....				155.80	155.80	.....	155.80
Southern California Railway Company.....				476.20	476.20	.....	476.20
Southern Pacific Company (west of El Paso).....				4,310.55	4,310.55	.....	4,310.55
Spokane Falls and Northern Railroad Company.....		102.00	.....	.....	102.00	.....	102.00
Virginia and Truckee Railroad Company.....				52.20	52.20	.....	52.20

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines in Group X.....	.....	161.00	195.00	3,246.00	3,602.00	.....	3,602.00
Colorado River Steamboat Company.....	.....	.....	.....	365.00	365.00	.....	365.00
Oregon Development Company.....	.....	.....	.....	450.00	450.00	.....	450.00
Oregon Railway and Navigation Company.....	.....	.....	195.00	.....	195.00	.....	195.00
Pacific Coast Steamship Company.....	.....	161.00	.....	1,576.00	1,737.00	.....	1,737.00
Southern Pacific Company Steamship Line.....	.....	.....	.....	125.00	125.00	.....	125.00
Union Pacific Steamship Company.....	.....	.....	.....	730.00	730.00	.....	730.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines in Group X.....	.....	20.00	.....	2,724.00	2,744.00	.....	2,744.00
Lines in Arizona.....	.....	.....	.....	133.00	133.00	.....	133.00
Lines in California.....	.....	.....	.....	2,003.00	2,003.00	.....	2,003.00
Lines in Nevada.....	.....	.....	.....	353.00	353.00	.....	353.00
Lines in Oregon.....	.....	20.00	.....	235.00	255.00	.....	255.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage in Group X.....	413.50	1,283.00	2,234.34	13,438.98	17,369.82		17,369.82
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STATISTICS OF TRANSPORTATION.

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Parts 2 and 3.—BY COMPANY AND GROUP TOTALS.

A.—MILEAGE OPERATED OVER RAILWAYS.

GROUPS.	Adams.	American.	Camden and Atlantic.	Cincinnati, George-town and Portsmouth.	Denver and Rio Grande.	Dominion.	Earle & Prew's.	Long Island.	National.	New England Dispatch.
Total mileage operated over railways.	23,300.50	40,133.00	78.93	42.00	2,103.50	252.00	146.00	352.79	1,385.00	887.00
Group I.....	1,464.00	a4,997.00				b252.00	146.00		430.00	887.00
II.....	6,082.00	4,508.00	78.93					352.79	955.00	
III.....	5,389.00	c9,272.75		42.00						
IV.....	1,550.50									
V.....	1,507.00									
VI.....	5,103.00	20,540.03								
VII.....		755.22								
VIII.....	2,205.00				1,687.00					
IX.....										
X.....					413.50					

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines.	1,437.00	2,863.00					218.00		231.00	1,407.00
Group I.....	292.00	2,275.00					218.00			1,407.00
II.....	399.00	288.00							231.00	
III.....	746.00	300.00								
X.....										

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines.	181.00	130.00								
Group I.....		90.00								
II.....		3.00								
III.....	55.00	6.00								
V.....	122.00									
VI.....	4.00	31.00								
X.....										

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage operated over all lines.	24,918.50	43,126.00	78.93	42.00	2,103.50	252.00	364.00	352.79	1,616.00	2,294.00
Group I.....	1,756.00	a7,362.00				b252.00	364.00		430.00	2,294.00
II.....	6,481.00	4,859.00	78.93					352.79	1,186.00	
III.....	6,190.00	c9,578.75		42.00						
IV.....	1,550.50									
V.....	1,029.00									
VI.....	5,107.00	20,571.03								
VII.....		755.22								
VIII.....	2,205.00				1,687.00					
IX.....										
X.....					413.50					

a Includes 89.28 miles of line in Canada.

b Includes 85.50 miles of line in Canada.

c Includes 300.30 miles of line in Canada.

EXPRESS COMPANIES.

521

TABLE 2.—MILEAGE OPERATED BY EXPRESS COMPANIES ON JUNE 30, 1890, BY ROUTES—Continued.

Parts 2 and 3.—BY COMPANY AND GROUP TOTALS—Continued.

A.—MILEAGE OPERATED OVER RAILWAYS.

GROUPS.	New York and Boston Despatch.	Northern Pacific.	Pacific.	Southern.	United States.	Wells, Fargo & Co.'s.	West Jer- sey.	Total.	Duplicated mileage.	Net mile- age.
Total mileage operated over rail- ways.	399.23	4,710.00	21,127.00	21,714.00	20,587.50	23,128.00	245.06	a160,597.51	5,924.31	a154,673.20
Group I.....	399.23				240.00			68,815.23	1,952.90	b6,861.33
II.....					4,239.00	1,548.00	245.06	18,068.78	646.91	17,421.87
III.....			479.00		5,129.75	1,450.00		c21,792.50	1,258.05	c20,504.45
IV.....				6,435.00	540.00			8,525.50	51.57	8,473.93
V.....			687.98	12,898.00	1,431.50			16,524.48	1,060.84	15,463.64
VI.....		2,388.14	1,951.00	152.00	6,986.25	728.00		37,848.42	745.36	37,103.06
VII.....		1,228.86	2,305.49			4,495.71		8,785.28		8,785.28
VIII.....			9,101.23	1,201.00	1,765.00	4,195.31		20,154.54	153.68	20,000.86
IX.....			4,562.96	1,028.00	256.00	3,242.00		9,088.96	54.00	9,034.96
X.....		1,102.00	2,039.34			7,468.98		11,023.82		11,023.82

B.—MILEAGE OPERATED OVER WATER LINES.

Total mileage operated over water lines.	233.00	161.00	195.00		891.00	3,246.00		10,882.00	1,708.00	9,174.00
Group I.....	233.00				601.00			5,026.00	1,626.00	3,400.00
II.....					290.00			1,208.00	82.00	1,126.00
III.....								1,046.00		1,046.00
X.....		161.00	195.00			3,246.00		3,602.00		3,602.00

C.—MILEAGE OPERATED OVER STAGE LINES.

Total mileage operated over stage lines.		20.00				2,724.00		3,055.00		3,055.00
Group I.....								90.00		90.00
II.....								3.00		3.00
III.....								61.00		61.00
V.....								122.00		122.00
VI.....								35.00		35.00
X.....		20.00				2,724.00		2,744.00		2,744.00

D.—MILEAGE OPERATED OVER ALL LINES.

Total express mileage operated over all lines.	632.23	4,900.00	21,322.00	21,714.00	21,478.50	20,098.00	245.06	a174,534.51	7,632.31	a166,902.20
Group I.....	632.23				841.00			b13,931.23	3,579.90	b10,351.33
II.....					4,529.00	1,548.00	245.06	19,279.78	728.91	18,550.87
III.....			479.00		5,129.75	1,450.00		c22,869.50	1,258.05	c21,611.45
IV.....				6,435.00	540.00			8,525.50	51.57	8,473.93
V.....			687.98	12,898.00	1,431.50			16,646.48	1,060.84	15,585.64
VI.....		2,388.14	1,951.00	152.00	6,986.25	728.00		37,883.42	745.36	37,138.06
VII.....		1,228.86	2,305.49			4,495.71		8,785.28		8,785.28
VIII.....			9,101.23	1,201.00	1,765.00	4,195.31		20,154.54	153.68	20,000.86
IX.....			4,562.96	1,028.00	256.00	3,242.00		9,088.96	54.00	9,034.96
X.....		1,283.00	2,234.34			13,438.98		17,369.82		17,369.82

a Includes 475.18 miles of line in Canada.

b Includes 174.88 miles of line in Canada.

c Includes 300.30 miles of line in Canada.

STATISTICS OF TRANSPORTATION.

TABLE 3.—EQUIPMENT AND FIXTURES OF

PART 1.—BY COMPANIES IN EACH GROUP.

	COMPANIES.	CARS.		OFFICE SAFES.		MESSENGERS' SAFES.	
		Number.	Value.	Number.	Value.	Number.	Value.
1	Total for United States.....	35	\$86,416.30	7,670	\$582,525.03	6,910	\$125,816.70
2	Group I.....			312	23,223.68	666	9,809.10
3	Adams Express Company.....			64	5,537.25	163	2,465.45
4	American Express Company.....			167	10,280.93	399	5,717.90
5	Dominion Express Company.....			3	496.00	8	240.00
6	Earle & Prew's Express.....			13	2,415.00	16	165.00
7	National Express Company.....			22	1,164.50	9	167.00
8	New England Despatch Express Company.....			12	600.00	8	80.00
9	New York and Boston Despatch Express Company.....			15	1,460.00	41	703.75
10	United States Express Company.....			16	1,270.00	22	265.00
11	Group II.....	8	22,566.55	915	56,683.12	1,402	22,141.20
12	Adams Express Company.....			257	16,122.00	558	7,877.00
13	American Express Company.....			317	19,579.46	372	5,830.80
14	Camden and Atlantic Express Company.....					4	100.00
15	Long Island Express Company.....			6	420.00	15	150.00
16	National Express Company.....			30	2,945.50	56	1,130.00
17	United States Express Company.....			200	11,681.00	325	6,808.00
18	Wells, Fargo & Co.'s Express.....	8	22,566.55	83	4,785.16	65	1,070.40
19	West Jersey Express Company.....			4	1,200.00	7	175.00
20	Group III.....	9	25,387.36	935	62,105.86	998	15,783.11
21	Adams Express Company.....			201	14,039.04	220	3,185.70
22	American Express Company.....			374	18,060.74	442	6,261.66
23	Cincinnati, Georgetown and Portsmouth Express Company.....					1	15.00
24	Pacific Express Company.....			40	4,872.78	11	306.55
25	United States Express Company.....			227	19,750.00	251	4,810.00
26	Wells, Fargo & Co.'s Express.....	9	25,387.36	93	5,383.30	73	1,204.20
27	Group IV.....			267	10,491.00	282	4,218.00
28	Adams Express Company.....			85	2,980.00	53	595.00
29	Southern Express Company.....			138	5,796.00	194	2,813.00
30	United States Express Company.....			44	1,715.00	35	810.00
31	Group V.....			792	42,487.85	550	8,944.02
32	Adams Express Company.....			101	5,622.50	82	1,116.00
33	Pacific Express Company.....			66	7,582.41	19	477.02
34	Southern Express Company.....			565	26,307.94	386	5,866.00
35	United States Express Company.....			60	2,975.00	63	1,485.00
36	Group VI.....	8	18,402.48	1,888	126,957.01	1,311	10,997.23
37	Adams Express Company.....			233	11,399.37	253	2,411.90
38	American Express Company.....			918	44,368.36	744	10,521.14
39	Pacific Express Company.....	5	10,000.00	384	45,153.33	116	2,830.79
40	Southern Express Company.....			5	222.50	4	72.00
41	United States Express Company.....			317	24,019.00	169	3,760.00
42	Wells, Fargo & Co.'s Express.....	3	8,462.48	31	1,794.45	25	401.40
43	Group VII.....			295	28,917.19	161	4,106.03
44	American Express Company.....			4	534.20	10	142.50
45	Pacific Express Company.....			182	20,033.63	51	1,289.47
46	Wells, Fargo & Co.'s Express.....			109	8,349.36	100	2,674.06
47	Group VIII.....	10	20,000.00	1,264	131,470.59	679	22,211.89
48	Adams Express Company.....			98	6,059.26	85	966.40
49	Denver and Rio Grande Express.....			38	7,600.00	145	10,625.00
50	Pacific Express Company.....	10	20,000.00	840	96,590.00	243	6,076.67
51	Southern Express Company.....			73	3,890.41	48	725.50
52	United States Express Company.....			111	9,421.00	63	1,285.00
53	Wells, Fargo & Co.'s Express.....			104	7,909.92	95	2,533.32
54	Group IX.....			523	53,758.66	231	5,390.51
55	Pacific Express Company.....			391	44,902.44	113	2,824.89
56	Southern Express Company.....			47	2,643.50	43	616.00
57	United States Express Company.....			10	500.00	6	120.00
58	Wells, Fargo & Co.'s Express.....			75	5,712.72	69	1,829.62
59	Group X.....			251	32,978.07	449	9,957.61
60	Pacific Express Company.....			76	8,565.07	19	519.61
61	Wells, Fargo & Co.'s Express.....			175	24,413.00	430	9,438.00
62	Not divided by groups (Northern Pacific Express Company).....			228	13,452.00	181	3,258.00

EXPRESS COMPANIES.

523

EXPRESS COMPANIES ON JUNE 30, 1890.

PART I.—BY COMPANIES IN EACH GROUP.

MESSENGERS' TRUNKS.		HORSES.		WAGONS.		SLEIGHS.		Value of office fixtures.	Value of stable equipment, including harness.	Total value of equipment and fixtures.	
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
5,000	\$62,624.15	8,201	\$1,464,476.30	6,008	\$1,192,286.44	1,439	\$65,595.91	\$1,146,469.72	\$347,834.48	\$5,074,045.12	1
1,201	11,904.06	1,093	208,326.00	855	155,849.50	436	27,675.09	152,847.88	45,850.22	635,405.13	2
350	3,589.00	255	44,625.00	243	35,487.50	147	10,602.50	54,642.14	14,986.87	171,935.71	3
623	4,882.91	447	91,781.00	315	65,822.50	161	8,158.19	54,853.90	16,273.00	257,770.33	4
8	100.00									896.00	5
37	512.00	85	14,875.00	54	10,315.00	37	3,875.00	4,760.00	4,335.25	41,252.25	6
5	28.50	28	5,705.00	20	4,712.50	18	684.00	10,067.13	1,144.25	23,672.88	7
25	100.00	40	7,000.00	42	7,500.00	17	1,000.00	3,000.00	2,500.00	21,780.00	8
51	1,611.65	139	28,100.00	98	19,850.00	34	2,393.00	22,834.71	4,294.50	81,252.61	9
102	1,020.00	99	16,240.00	74	12,162.00	22	963.00	2,690.00	2,325.35	36,935.35	10
1,417	14,477.39	3,008	612,307.50	2,143	416,013.50	508	27,163.97	292,029.81	125,599.47	1,588,982.51	11
537	7,805.00	1,044	222,280.00	759	137,297.80	90	2,527.00	123,980.75	45,845.90	563,825.45	12
581	4,553.50	731	150,005.00	513	107,202.50	308	15,536.81	104,466.18	30,991.00	437,755.34	13
4	16.00	6	800.00	6	800.00			50.00	250.00	2,016.00	14
6	36.00	87	17,400.00	60	15,000.00	2	50.00	900.00	2,856.00	36,812.00	15
42	395.00	70	11,335.00	65	9,150.00	48	2,308.16	14,780.53	2,427.30	44,471.49	16
78	593.00	945	176,857.50	613	119,532.00	128	5,936.00	21,045.75	34,986.07	376,889.32	17
154	928.80	165	30,940.00	116	24,781.20	22	806.00	26,681.60	7,893.20	120,452.91	18
15	60.00	20	2,600.00	13	2,250.00			125.00	350.00	6,760.00	19
660	7,991.00	955	152,726.53	753	136,014.35	121	3,193.57	140,526.68	32,564.32	573,293.58	20
214	4,346.70	230	36,800.00	193	39,106.20			44,715.27	7,892.05	150,085.86	21
206	1,390.00	286	46,669.00	214	41,420.00	69	1,639.82	49,421.17	9,904.80	174,767.19	22
		17	2,255.03	8	2,193.50			1,344.94	1,249.68	12,222.48	23
67	1,210.00	228	32,195.00	207	25,416.00	23	647.00	15,028.50	4,637.10	103,693.60	24
173	1,044.90	185	34,807.50	131	27,878.85	24	906.75	30,016.80	8,879.79	135,509.45	25
186	2,102.00	189	22,780.00	143	17,394.00			17,854.50	3,331.85	78,151.35	26
19	220.00	71	8,120.00	48	6,390.00			9,690.00	1,110.00	29,105.00	27
150	1,710.00	98	12,250.00	72	8,064.00			6,420.00	1,850.00	38,903.00	28
17	172.00	20	2,490.00	23	2,940.00			1,744.50	371.85	10,143.35	29
492	6,977.50	396	61,175.79	270	48,757.30			31,390.93	10,534.59	210,267.98	30
99	1,346.00	85	12,825.00	39	9,355.00			6,480.00	2,119.80	38,873.30	31
342	4,616.50	18	3,508.99	8	3,413.25			2,002.83	1,944.59	19,019.09	32
51	1,015.00	250	39,776.80	184	32,084.05			19,959.10	5,681.40	134,291.79	33
		43	5,065.00	39	3,905.00			2,850.00	788.80	18,083.80	34
680	7,244.20	1,335	206,996.84	952	186,533.50	237	5,780.68	207,957.47	51,764.62	831,694.03	35
191	3,288.90	171	28,311.00	139	29,769.30			35,309.66	5,846.48	116,336.61	36
347	2,336.00	635	103,619.00	477	92,325.00	169	4,028.43	121,409.02	24,332.33	402,939.28	37
4	56.00	173	19,789.34	68	19,522.25			12,838.54	11,425.01	121,559.26	38
81	1,215.00	2	250.00	2	208.00			88.10	61.00	1,017.60	39
57	348.30	292	43,425.00	222	35,356.00	60	1,450.00	28,306.55	7,139.85	144,671.40	40
		62	11,602.50	44	9,292.95	8	302.25	10,005.60	2,959.95	45,169.88	41
23	225.56	151	24,648.26	104	29,772.22	5	290.00	42,272.89	8,672.70	138,904.94	42
7	50.00	4	790.00	3	755.00			664.30	271.59	3,387.59	43
16	175.50	72	9,898.96	45	12,217.42	3	180.00	16,211.27	4,702.46	64,353.21	44
		75	13,950.30	56	16,799.80	2	110.00	25,397.32	3,698.74	71,164.14	45
125	1,834.72	578	85,391.17	354	85,348.60	5	140.00	78,891.37	35,517.15	400,805.40	46
34	426.40	83	15,250.00	74	15,907.50			16,357.40	3,777.62	58,753.58	47
26	520.00	51	10,200.00	35	7,875.00	3	30.00	6,000.00	3,000.00	45,850.00	48
46	662.00	358	44,700.07	175	43,480.50			26,659.56	24,771.07	262,278.47	49
4	60.00	9	1,547.50	17	1,787.00			2,259.77	371.50	11,243.68	50
15	166.32	5	460.00	6	383.00			3,554.00	92.40	15,255.40	51
		72	18,224.60	53	15,915.60	2	110.00	24,060.64	3,503.96	67,424.86	52
50	731.12	237	33,118.55	198	40,827.52			35,229.83	14,728.61	183,784.80	53
42	491.00	166	20,779.95	75	25,675.42			12,393.55	11,515.73	118,091.98	54
6	120.00	17	2,637.50	24	3,697.50			5,409.32	657.00	16,631.82	55
11	120.12	2	150.00	1	50.00			50.00	25.00	1,015.00	56
		52	9,551.10	38	11,494.00			17,376.96	2,530.88	48,616.00	57
750	7,875.00	194	38,215.66	232	58,623.75	1	20.00	95,077.60	12,261.86	255,609.55	58
		28	4,442.66	11	4,157.75			2,228.40	2,787.06	22,700.55	59
750	7,875.00	166	33,773.00	221	54,466.00	1	20.00	93,449.20	9,474.80	232,909.00	60
97	1,261.00	95	18,810.00	64	17,152.00	36	1,332.00	51,790.76	7,000.00	114,055.76	61

STATISTICS OF TRANSPORTATION.

TABLE 3.—EQUIPMENT AND FIXTURES OF

PART 2.—BY COMPANY TOTALS.

	COMPANIES AND GROUPS.	CARS.		OFFICE SAFES.		MESSENGERS' SAFES.	
		Number.	Value.	Number.	Value.	Number.	Value.
1	Total	35	\$86,416.39	7,670	\$582,525.03	6,910	\$125,816.70
2	Adams Express Company			1,039	61,753.42	1,414	18,617.45
3	American Express Company			1,780	92,823.69	1,967	27,974.00
4	Camden and Atlantic Express Company					4	100.00
5	Cincinnati, Georgetown and Portsmouth Express Company					1	15.00
6	Denver and Rio Grande Express			38	7,600.00	145	10,625.00
7	Dominion Express Company			3	496.00	8	240.00
8	Earle & Prew's Express			13	2,415.00	16	165.00
9	Long Island Express Company			6	420.00	15	150.00
10	National Express Company			61	4,110.00	65	1,297.00
11	New England Despatch Express Company			12	600.00	8	80.00
12	New York and Boston Despatch Express Company			15	1,460.00	41	708.75
13	Northern Pacific Express Company			228	13,452.00	181	3,258.00
14	Pacific Express Company	15	30,000.00	1,979	227,609.66	572	14,325.00
15	Southern Express Company			828	38,860.35	675	10,092.50
16	United States Express Company			994	71,281.00	934	18,843.00
17	Wells, Fargo & Co.'s Express	20	56,416.39	670	58,347.91	857	19,151.00
18	West Jersey Express Company			4	1,200.00	7	175.00

PART 3.—BY GROUP TOTALS.

1	Total	35	86,416.39	7,670	582,525.03	6,910	125,816.70
2	Group I			312	23,223.68	666	9,809.10
3	II	8	22,566.55	915	56,683.12	1,402	22,141.20
4	III	9	25,387.36	935	62,105.86	998	15,783.11
5	IV			267	10,491.00	282	4,218.00
6	V			792	42,487.85	550	8,944.02
7	VI	8	18,462.48	1,888	126,957.01	1,311	19,997.23
8	VII			295	28,917.10	161	4,106.03
9	VIII	10	20,000.00	1,264	131,470.50	670	22,211.89
10	IX			523	53,758.66	231	5,390.51
11	X			251	32,978.07	449	9,937.61
12	Not divided by groups (Northern Pacific Express Company)			228	13,452.60	181	3,258.00

EXPRESS COMPANIES.

525

EXPRESS COMPANIES ON JUNE 30, 1890—Continued.

PART 2.—BY COMPANY TOTALS.

MESSENGERS' TRUNKS.		HORSES.		WAGONS.		SLEIGHS.		Value of office fixtures.	Value of stable equipment, including harness.	Total value of equipment and fixtures.	
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
5,090	\$62,624.15	8,291	\$1,464,476.30	6,008	\$1,192,286.44	1,439	\$65,595.91	\$1,146,469.72	\$347,834.48	\$5,074,045.12	1
1,444	21,112.00	1,948	368,220.00	1,495	273,813.30	237	13,129.50	291,184.22	81,579.62	1,128,915.51	2
1,764	13,212.50	2,103	392,954.00	1,522	307,525.00	710	29,543.25	330,814.57	81,772.72	1,276,619.73	3
4	16.00	6	800.00	4	800.00			50.00	250.00	2,016.00	4
26	520.00	51	10,200.00	35	7,875.00	3	30.00	6,000.00	3,000.00	45,850.00	5
8	160.00									896.00	6
37	512.00	85	14,875.00	54	10,315.00	37	3,875.00	4,760.00	4,335.25	41,252.25	7
6	36.00	87	17,400.00	60	15,000.00	2	50.00	900.00	2,856.00	36,812.00	8
47	423.50	98	17,040.00	94	13,862.50	66	2,992.16	24,847.66	3,571.55	68,144.37	9
25	100.00	40	7,000.00	42	7,500.00	17	1,000.00	3,000.00	2,500.00	21,780.00	10
51	1,611.65	139	28,100.00	98	19,850.60	34	2,393.00	22,834.71	4,294.50	81,252.61	11
97	1,261.00	95	18,810.00	64	17,152.00	36	1,332.00	51,790.76	7,000.00	114,055.76	12
		832	105,375.00	390	110,660.09			73,769.09	58,396.20	620,225.04	13
584	7,535.50	376	56,461.80	293	45,810.55			34,136.29	8,620.90	201,517.89	14
406	5,405.00	1,634	276,782.50	1,185	199,744.00	238	8,996.00	75,269.30	50,366.42	706,687.22	15
1,176	10,659.00	777	147,858.00	659	160,629.00	59	2,255.00	226,988.12	38,941.32	721,245.74	16
15	60.00	20	2,600.00	13	2,250.00			125.00	350.00	6,760.00	17
											18

PART 3.—BY GROUP TOTALS.

5,090	62,624.15	8,291	1,464,476.30	6,008	1,192,286.44	1,439	65,595.91	1,146,469.72	347,834.48	5,074,045.12	1
1,201	11,904.06	1,093	208,326.00	855	155,849.50	436	27,675.69	152,847.88	45,859.22	635,495.13	2
1,417	14,477.39	3,068	612,307.50	2,143	416,013.50	598	27,163.97	292,029.81	125,599.47	1,588,082.51	3
660	7,991.60	955	152,726.53	753	136,014.55	121	3,193.57	140,526.68	32,564.32	576,293.58	4
186	2,102.00	189	22,760.60	143	17,394.00			17,854.50	3,331.85	78,151.35	5
492	6,977.50	396	61,175.79	270	48,757.30			31,390.03	10,534.59	210,267.98	6
680	7,244.20	1,335	206,906.84	952	186,533.50	237	5,780.68	207,957.47	51,764.62	831,694.03	7
23	223.56	151	24,648.26	104	29,772.22	5	290.00	42,272.89	8,672.79	138,904.94	8
125	1,834.72	578	85,391.17	354	85,348.60	5	140.00	78,891.37	35,517.15	460,805.49	9
59	731.12	237	33,118.55	198	40,827.52			35,229.83	14,728.61	183,784.80	10
750	7,875.00	194	38,215.66	232	58,023.75	1	20.00	95,677.60	12,261.86	255,660.55	11
97	1,261.00	95	18,810.00	64	17,152.00	36	1,332.00	51,790.76	7,000.00	114,055.76	12

STATISTICS OF TRANSPORTATION.

TABLE 4.—EMPLOYÉS OF EXPRESS COMPANIES ON JUNE 30, 1890.

PART 1.—BY COMPANIES IN EACH GROUP.

COMPANIES.	Total.	General officers.	Superintendents and route agents.	General office clerks.	Agents.	Assistants to agents.	Messengers.	Baggage men employed as messengers.	Drivers of wagons.	All others.
Total employes in United States	45,718	86	320	1,377	21,065	7,952	4,130	1,405	4,877	4,506
Group I	3,974	10	26	91	1,407	644	487	130	689	490
Adams Express Company	957		4	23	320	153	99	21	152	185
American Express Company	1,881	3	11	16	777	372	297	43	246	116
Dominion Express Company	50		4		18		14	2		12
Earle & Prew's Express	190	2		30	26		15	11	57	49
National Express Company	134		1		46	33	11	3	25	15
New England Despatch Express Company	174	2	2	3	52		20	10	75	10
New York and Boston Despatch Express Company	351	3	2	16	106	47	18	22	79	58
United States Express Company	237		2	3	62	39	13	18	55	45
Group II	11,542	49	52	611	3,803	1,918	830	601	1,711	1,967
Adams Express Company	4,044	9	12	123	1,356	516	273	225	598	932
American Express Company	3,003	25	17	252	931	719	283	34	401	341
Camden and Atlantic Express Company	33	1		1	19			6		
Long Island Express Company	82		1				15		66	
National Express Company	453	7	5	26	169	62	59	10	59	56
United States Express Company	2,922	4	12	183	969	367	169	233	412	573
Wells, Fargo & Co.'s Express	907	2	5	25	292	254	31	78	155	65
West Jersey Express Company	98	1		1	67			15	14	
Group III	6,071	1	39	107	3,320	730	576	193	571	534
Adams Express Company	1,701		10	73	1,011	175	137	64	151	89
American Express Company	2,225	1	17	16	1,203	209	297	39	107	246
Cincinnati, Georgetown and Portsmouth Express Company	4						1			3
Pacific Express Company	114		1		47	51	5	1	9	
United States Express Company	1,362		6	14	729	123	104	37	164	180
Wells, Fargo & Co.'s Express	665		5	4	330	167	32	52	50	25
Group IV	1,685		15	24	1,197	94	127	64	80	84
Adams Express Company	365		1		260	25	24	6	24	16
Southern Express Company	1,061		12	24	735	55	96	44	40	55
United States Express Company	259		2		193	14	7	14	16	13
Group V	3,241		33	76	1,968	346	290	115	198	215
Adams Express Company	447		3	5	275	44	40	9	45	26
Pacific Express Company	130		2		74	70	8	2	15	
Southern Express Company	2,355		24	70	1,473	201	210	103	107	167
United States Express Company	259		4	1	146	22	32	1	31	22
Group VI	8,891	7	59	88	4,618	1,385	891	145	836	862
Adams Express Company	1,017		5	10	582	90	111	52	92	75
American Express Company	4,836	7	32	60	2,575	571	547	68	439	537
Pacific Express Company	1,052		6		435	471	44	10	86	
Southern Express Company	38			1	22	6	4	1	2	
United States Express Company	1,671		14	15	898	163	163	9	177	227
Wells, Fargo & Co.'s Express	277		2	2	106	79	22	5	40	21
Group VII	1,395	5	17	127	594	389	102	24	113	24
American Express Company	28		1		13	3	7		3	1
Pacific Express Company	628	4	9	110	201	213	21	5	65	
Wells, Fargo & Co.'s Express	739	1	7	17	380	173	74	19	45	23
Group VIII	4,347	1	38	47	2,075	1,297	354	71	344	120
Adams Express Company	531		3	5	279	58	55	9	63	59
Denver and Rio Grande Express	264	1	5	12	137	30	39	11	29	
Pacific Express Company	2,277		16	15	937	1,007	95	23	184	
Southern Express Company	184		4	10	124	6	16	12	6	6
United States Express Company	347		3		247	4	56	1	8	28
Wells, Fargo & Co.'s Express	744		7	5	351	192	93	15	54	27
Group IX	1,705		15	7	782	592	112	35	137	25
Pacific Express Company	1,051		6		436	468	44	11	86	
Southern Express Company	116		3	4	73	8	7	10	8	3
United States Express Company	22				18	1	2		1	
Wells, Fargo & Co.'s Express	510		6	3	255	115	59	14	42	22
Group X	2,034	7	14	166	889	557	230	27	108	36
Pacific Express Company	192		3		79	85	8	2	15	
Wells, Fargo & Co.'s Express	1,842	7	11	166	810	472	222	25	93	36
Not divided by groups (Northern Pacific Express Company)	833	6	12	33	412		131		90	149

EXPRESS COMPANIES.

527

TABLE 4.—EMPLOYÉS OF EXPRESS COMPANIES ON JUNE 30, 1890—Continued.

PART 2.—BY COMPANY TOTALS.

COMPANIES AND GROUPS.	Total.	General officers.	Superintendents and route agents.	General office clerks.	Agents.	Assistants to agents.	Messengers.	Baggage men employed as messengers.	Drivers of wagons.	All others.
Total employés in United States	45,718	86	320	1,377	21,065	7,952	4,130	1,405	4,877	4,506
Adams Express Company	9,062	9	38	239	4,092	1,061	739	386	1,125	1,373
American Express Company	11,973	36	78	344	5,499	1,874	1,431	184	1,286	1,241
Camden and Atlantic Express Company	38	1		1	19			6	6	
Cincinnati, Georgetown and Portsmouth Express Company	4									3
Denver and Rio Grande Express	264	1	5	12	137	30	39	11	29	
Dominion Express Company	50		4		18		14	2		12
Earle & Prew's Express	190	2		30	26		15	11	57	49
Long Island Express Company	82		1				15		66	
National Express Company	587	7	6	26	215	95	70	13	84	71
New England Despatch Express Company	174	2	2	3	52		20	10	75	10
New York and Boston Despatch Express Company	351	3	2	16	106	47	18	22	79	58
Northern Pacific Express Company	833	6	12	33	412		131		90	149
Pacific Express Company	5,494	4	43	125	2,209	2,374	225	54	460	
Southern Express Company	3,754		43	109	2,427	276	333	170	163	233
United States Express Company	7,079	4	43	216	3,262	743	546	313	864	1,083
Wells, Fargo & Co.'s Express	5,690	10	43	222	2,524	1,452	533	298	479	219
West Jersey Express Company	98	1		1	67			15	14	

PART 3.—BY GROUP TOTALS.

Total employés in United States	45,718	86	320	1,377	21,065	7,952	4,130	1,405	4,877	4,506
Group I	3,974	10	26	91	1,407	644	487	130	689	490
II	11,542	40	52	611	3,803	1,918	830	601	1,711	1,967
III	6,071	1	39	107	3,320	730	576	193	571	534
IV	1,685		15	24	1,197	94	127	64	80	84
V	3,241		33	76	1,968	346	290	115	198	215
VI	8,891	7	59	88	4,618	1,385	891	145	830	802
VII	1,395	5	17	127	594	389	102	24	113	24
VIII	4,347	1	38	47	2,075	1,207	354	71	344	120
IX	1,705		15	7	782	592	112	35	137	25
X	2,034	7	14	166	889	557	230	27	108	36
Not divided by groups (Northern Pacific Express Company)	833	6	12	33	412		131		90	149

STATISTICS OF TRANSPORTATION.

TABLE 5.—EXPENDITURES OF EXPRESS COMPANIES FOR THE YEAR ENDING JUNE 30, 1890.

PART 1.—BY COMPANIES IN EACH GROUP.

COMPANIES.	Total. (a)	OPERATING EXPENSES.								Taxes.
		Paid to railways.	Paid to water lines.	Paid to stage lines.	Paid for salaries and wages.	Paid for local ex- penses and repairs.	Paid for general expenses.	Paid for other ex- penses of operation.	Total operating expenses.	
Total expenditures for United States.	\$45,783,123.32	\$19,327,280.49	\$173,222.13	\$60,679.38	\$16,176,097.55	\$3,560,045.83	\$826,715.50	\$2,289,603.82	\$42,413,704.70	\$171,370.31
Group I	4,328,704.79	1,681,423.73	105,439.27	1,620.61	1,758,528.52	571,751.50	71,114.98	114,331.31	4,304,269.92	24,494.87
Adams Express Company.....	1,387,520.51	581,196.30	54,213.10	.....	599,308.48	189,304.43	12,580.82	31,074.14	1,377,677.27	9,843.24
American Express Company.....	1,886,334.23	761,866.94	10,214.30	1,620.61	806,866.26	227,917.95	45,594.74	22,650.49	1,876,731.29	9,602.94
Dominion Express Company.....	10,986.12	5,940.00	.....	.....	3,648.00	35.44	887.50	472.00	10,982.94	3.18
Earle & Prew's Express	204,242.69	48,579.50	21,800.00	.....	84,740.83	36,689.80	2,236.40	9,875.66	203,922.19	320.50
National Express Company.....	77,803.75	27,180.35	278.69	.....	37,024.62	7,794.69	2,390.43	2,036.72	76,705.50	1,098.25
New England Despatch Ex- press Company.....	120,503.02	22,497.16	13,972.63	.....	52,271.00	22,460.71	1,410.92	6,709.00	119,321.42	1,181.60
New York and Boston De- patch Express Company.....	406,148.75	123,374.42	4,244.68	.....	176,037.22	84,115.47	3,452.72	12,985.23	404,209.74	1,939.01
United States Express Com- pany.....	235,165.72	110,789.06	715.87	.....	88,632.11	3,433.01	2,561.45	28,528.07	234,659.57	506.15
Group II	11,156,744.96	4,306,300.16	20,005.06	779.60	4,606,737.98	1,289,235.83	198,675.90	590,972.73	11,102,707.26	54,037.70
Adams Express Company.....	4,670,361.89	1,786,652.34	9,023.16	.....	1,074,215.61	704,463.20	65,398.30	122,131.28	4,661,883.89	8,478.00
American Express Company.....	3,128,288.55	1,076,816.26	2,930.69	306.05	1,371,464.68	486,708.64	90,583.05	62,241.04	3,091,110.41	37,178.14
Camden and Atlantic Express Company. (b)	16,696.09	3.46	562.68	.....	11,399.84	.....	54.32	4,686.29	16,096.09	.....
Long Island Express Com- pany. (c)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
National Express Company.....	508,221.54	221,322.76	971.48	473.55	199,940.09	53,173.90	13,666.99	16,718.45	506,267.22	1,954.32
United States Express Com- pany.....	2,144,058.60	1,010,035.82	6,527.05	.....	808,116.37	31,301.01	23,354.47	260,108.91	2,139,443.63	4,614.97
Wells, Fargo & Co.'s Express. West Jersey Express Com- pany. (b)	642,449.72 46,668.57	299,849.98 1,619.54	.....	.....	208,547.24 33,054.65	13,529.08	5,551.41 67.36	113,159.74 11,927.02	640,637.45 46,668.57	1,812.27
Group III	6,102,306.70	3,142,269.09	14,409.44	1,307.52	2,122,954.34	365,451.38	80,915.17	356,976.02	6,084,382.96	17,923.74
Adams Express Company.....	1,673,747.84	859,195.52	6,596.86	878.80	618,324.47	149,413.17	19,110.43	15,439.96	1,668,959.21	4,788.63
American Express Company.....	2,018,745.75	1,149,669.39	2,949.51	428.72	634,365.70	169,572.60	36,172.00	17,969.47	2,011,127.39	7,618.36
Cincinnati, Georgetown and Portsmouth Express Com- pany. (b)	1,080.00	.....	.....	.....	1,080.00	.....	.....	.....	1,080.00	.....
Pacific Express Company.....	79,641.29	42,249.92	.....	.....	27,896.94	7,629.51	1,864.92	.....	79,641.29	(d)
United States Express Com- pany.....	1,597,743.18	752,713.96	4,863.07	.....	602,177.03	23,324.30	17,402.84	193,823.09	1,594,304.29	3,438.89
Wells, Fargo & Co.'s Express. Group IV	731,348.64 1,398,226.83	338,540.30 721,066.08	 875.11	..... .....	239,110.20 489,412.43	15,511.80 73,447.91	6,364.98 77,772.87	129,743.50 29,044.24	729,270.78 1,391,618.64	2,077.86 6,608.19
Adams Express Company.....	406,454.11	251,394.58	.....	.....	115,938.80	28,594.49	6,727.80	2,120.96	404,776.63	1,677.48
Southern Express Company.....	767,355.76	361,690.20	245.64	.....	289,147.44	42,212.34	68,931.35	681.35	762,908.32	4,447.44
United States Express Com- pany.....	224,416.96	107,981.30	629.47	.....	84,326.19	2,641.08	2,113.72	26,241.93	223,933.69	483.27
Group V	2,787,908.88	1,391,023.99	718.50	4,340.53	1,090,684.67	176,568.91	53,664.62	47,069.74	2,770,070.96	17,837.92
Adams Express Company.....	452,248.00	272,934.44	.....	4,340.53	125,894.48	35,135.39	4,523.00	6,014.03	449,742.77	2,505.23
Pacific Express Company.....	123,815.80	65,633.03	.....	.....	49,409.73	11,871.08	2,901.96	(d)	123,815.80	(d)
Southern Express Company.....	1,959,441.75	933,521.20	.....	.....	832,235.28	125,877.00	43,488.96	9,530.99	1,944,652.43	14,789.32
United States Express Com- pany.....	252,403.33	118,395.32	718.50	.....	95,145.18	3,685.44	2,749.80	30,625.72	251,859.96	543.37
Group VI	8,149,814.73	3,947,871.78	7,053.22	1,997.38	3,052,745.49	611,189.24	150,888.04	350,957.89	8,122,703.04	27,111.69
Adams Express Company.....	1,040,486.24	552,046.79	.....	283.05	348,503.31	106,638.07	19,235.73	10,575.57	1,037,282.52	3,203.72
American Express Company.....	3,935,608.25	1,877,301.80	652.50	1,714.33	1,561,379.13	392,820.32	88,872.41	44,149.90	3,906,890.39	18,717.86
Pacific Express Company.....	750,728.46	398,407.98	.....	.....	201,104.01	74,120.61	17,095.86	(d)	750,728.46	(d)
Southern Express Company.....	37,471.59	20,714.09	.....	.....	13,775.16	2,016.60	771.24	186.24	37,463.33	8.26
United States Express Com- pany.....	2,102,558.57	990,584.60	6,400.72	.....	792,475.40	30,695.18	22,902.44	255,074.55	2,098,132.39	4,525.68
Wells, Fargo & Co.'s Express. Group VII	232,861.62 1,295,550.82	108,816.52 644,832.15	..... .....	..... .....	75,568.48 432,291.28	4,898.46 52,840.72	2,010.36 15,822.55	40,971.63 147,390.05	232,205.45 1,293,176.75	656.17 2,374.07
American Express Company.....	33,717.90	13,191.94	.....	.....	14,117.34	5,204.74	1,101.59	87.29	33,702.90	15.00
Pacific Express Company.....	428,958.94	244,736.56	.....	.....	146,702.97	30,024.85	7,494.56	(d)	428,958.94	(d)
Wells, Fargo & Co.'s Express. Group VIII	832,873.98 3,422,191.11	386,903.65 1,638,630.72	 993.79	..... .....	271,470.97 1,252,773.53	17,611.13 275,757.37	7,226.40 67,358.68	147,302.76 182,845.90	830,514.91 3,418,359.99	2,859.07 3,831.12
Adams Express Company.....	451,773.86	200,843.43	.....	.....	176,926.06	59,884.23	4,875.40	8,712.34	451,241.46	532.40
Denver and Rio Grande Ex- press.....	152,188.13	(e)	.....	.....	106,071.34	35,849.07	9,638.35	629.37	152,188.13	(f)
Pacific Express Company.....	1,566,925.18	837,496.03	.....	.....	541,226.46	151,235.36	36,967.33	(d)	1,566,925.18	(d)
Southern Express Company.....	160,928.16	83,768.18	.....	.....	61,483.80	8,161.20	5,813.16	1,230.48	160,456.82	471.34
United States Express Com- pany.....	325,985.38	153,801.33	993.79	.....	122,562.22	4,766.83	3,555.89	39,603.67	325,282.73	702.65
Wells, Fargo & Co.'s Express. Group IX	764,390.40	362,721.75	.....	.....	244,503.65	15,861.68	6,508.55	132,670.04	762,265.67	2,124.73

a The total expenditures, \$45,783,123.32, include dividends.

b Partial report, the express company being a department of the railroad whose name it bears.

c Returns included in report of railway company of which the express company is a department.

d None reported.

e Included in the operating expenses of the Denver and Rio Grande railroad.

f Included in those of the Denver and Rio Grande railroad.

EXPRESS COMPANIES.

529

TABLE 5.—EXPENDITURES OF EXPRESS COMPANIES FOR THE YEAR ENDING JUNE 30, 1890—Continued.

PART 1.—BY COMPANIES IN EACH GROUP—Continued.

COMPANIES.	Total	OPERATING EXPENSES.								Taxes.
		Paid to railways.	Paid to water lines.	Paid to stage lines.	Paid for salaries and wages.	Paid for local expenses and repairs.	Paid for general expenses.	Paid for other expenses of operation.	Total operating expenses.	
Group IX.....	\$1,364,034.92	\$639,814.21	\$69.48	-----	\$499,891.06	\$94,916.17	\$24,772.90	\$101,816.20	\$1,361,280.02	\$2,754.90
Pacific Express Company.....	669,560.52	325,000.67	-----	-----	257,069.02	70,305.64	17,185.19	(a)	669,560.52	(a)
Southern Express Company..	115,144.82	42,900.83	-----	-----	54,437.04	12,614.28	2,554.36	1,495.80	114,001.31	1,143.51
United States Express Company.	22,824.88	10,753.05	69.48	-----	8,602.52	333.20	248.61	2,768.90	22,775.76	49.12
Wells, Fargo & Co.'s Express.	556,504.70	261,159.60	-----	-----	179,782.48	11,663.05	4,785.74	97,551.50	554,942.43	1,562.27
Group X.....	1,785,109.21	720,925.28	21,009.41	\$50,100.71	606,084.67	48,886.80	19,046.12	314,115.86	1,780,168.85	5,030.36
Pacific Express Company.....	106,861.56	60,771.70	3,462.77	472.67	27,186.31	11,831.94	3,636.17	(a)	106,861.56	(a)
Wells, Fargo & Co.'s Express.	1,678,337.65	660,153.58	17,546.64	49,628.04	578,898.36	37,554.86	15,409.95	314,115.86	1,673,307.29	5,030.36
Not divided by groups (Northern Pacific Express Company).	794,392.06	403,023.30	2,648.85	533.03	257,993.58	-----	66,683.67	54,143.88	785,026.31	9,365.75
Dividends as reported by companies in Part 2 of this table.	3,198,048.31	-----	-----	-----	-----	-----	-----	-----	-----	-----

a None reported.

PART 2.—BY COMPANY TOTALS. (a)

COMPANIES.	Total expenditures.	OPERATING EXPENSES.				
		Paid to railways.	Paid to water lines.	Paid to stage lines.	Paid for salaries and wages.	Paid for local expenses and repairs.
Total expenditures for United States	\$45,783,123.32	\$19,327,280.49	\$173,222.13	\$60,679.38	\$16,176,097.55	\$3,560,045.83
Adams Express Company.....	11,042,592.45	4,504,263.40	69,833.12	5,502.38	3,869,111.21	1,273,432.98
American Express Company.....	12,132,694.08	4,878,846.38	16,747.00	4,069.71	4,388,193.11	1,282,281.25
Camden and Atlantic Express Company.....	16,690.09	3.46	552.68	-----	11,399.34	-----
Cincinnati, Georgetown and Portsmouth Express Company	1,080.00	-----	-----	-----	1,080.00	-----
Denver and Rio Grande Express	152,188.13	-----	-----	-----	106,071.34	35,849.07
Dominion Express Company	10,986.12	5,940.00	-----	-----	3,648.00	35.44
Earle & Prew's Express.....	228,604.06	48,579.50	21,800.00	-----	84,740.83	36,689.80
Long Island Express Company.....	-----	-----	-----	-----	-----	-----
National Express Company.....	623,225.29	248,503.11	1,250.17	473.55	236,964.71	60,968.59
New England Despatch Express Company	120,503.02	22,497.16	13,972.63	-----	52,271.00	22,460.71
New York and Boston Despatch Express Company.....	413,506.60	123,374.42	4,244.68	-----	178,037.22	84,115.47
Northern Pacific Express Company.....	933,520.55	403,023.30	2,648.85	533.03	257,993.59	-----
Pacific Express Company.....	3,726,491.75	1,974,295.89	3,492.77	472.67	1,304,595.44	856,518.99
Southern Express Company.....	3,040,342.08	1,442,594.50	245.64	-----	1,251,078.72	190,881.42
United States Express Company.....	7,355,256.62	3,255,594.44	20,917.95	-----	2,602,037.02	100,179.05
Wells, Fargo & Co.'s Express.....	5,938,766.71	2,418,145.44	17,546.64	49,628.04	1,797,821.38	116,030.06
West Jersey Express Company	46,668.57	1,619.54	-----	-----	33,054.65	-----

COMPANIES.	OPERATING EXPENSES—continued.			Taxes.	DIVIDENDS.	
	Paid for general expenses.	Paid for other expenses of operation.	Total operating expenses.		Amount.	Rate per cent.
Total expenditures for United States	\$826,715.50	\$2,289,663.82	\$42,413,704.70	\$171,370.31	\$3,198,048.31	-----
Adams Express Company.....	132,452.38	196,968.28	10,051,563.75	31,028.70	960,000.00	8.00
American Express Company.....	262,323.79	147,098.19	10,979,562.38	73,132.30	1,080,000.00	6.00
Camden and Atlantic Express Company	54.32	4,686.29	16,696.09	-----	-----	-----
Cincinnati, Georgetown and Portsmouth Express Company	-----	-----	1,080.00	-----	-----	-----
Denver and Rio Grande Express	9,638.35	629.37	152,188.13	-----	-----	-----
Dominion Express Company	887.50	472.00	10,982.94	3.18	-----	-----
Earle & Prew's Express.....	2,236.40	9,875.66	203,922.19	320.50	24,361.97	-----
Long Island Express Company.....	16,057.42	18,755.17	582,072.72	3,052.57	37,200.00	8.00
National Express Company.....	-----	-----	-----	-----	-----	-----
New England Despatch Express Company	1,410.92	6,709.00	119,321.42	51,181.60	7,357.85	-----
New York and Boston Despatch Express Company.....	3,452.72	12,985.23	404,209.74	1,939.01	139,128.49	-----
Northern Pacific Express Company.....	66,683.67	54,143.88	785,026.31	69,365.75	-----	-----
Pacific Express Company.....	87,145.99	-----	3,726,491.75	-----	-----	-----
Southern Express Company.....	121,558.07	13,123.86	3,019,482.21	20,859.87	450,000.00	4.50
United States Express Company.....	74,889.22	836,774.84	6,890,392.52	14,864.10	510,000.00	8.00
Wells, Fargo & Co.'s Express.....	47,857.89	975,515.03	5,423,143.98	15,622.73	-----	-----
West Jersey Express Company	67.36	11,927.02	46,668.57	-----	-----	-----

a Totals given are for 16 companies only, 4 of which are partial reports, namely, the 3 companies shown in Part 1 as being departments of the railroads whose names they bear, and the Denver and Rio Grande Express.
b Includes interest payments, \$800.
c Represents deductions from income.

STATISTICS OF TRANSPORTATION.

TABLE 5.—EXPENDITURES OF EXPRESS COMPANIES FOR THE YEAR ENDING JUNE 30, 1890—Continued.

PART 3.—BY GROUP TOTALS. (a)

GROUPS.	Total expenditures.	OPERATING EXPENSES.				
		Paid to rail-ways.	Paid to water lines.	Paid to stage lines.	Paid for salaries and wages.	Paid for local expenses and repairs.
Total expenditures for United States	\$45,783,123.32	\$19,327,280.49	\$173,222.13	\$60,679.38	\$16,176,097.55	\$3,560,045.83
Group I.....	4,328,704.79	1,681,423.78	105,439.27	1,020.61	1,758,528.52	571,751.50
II.....	11,156,744.96	4,396,300.16	20,005.06	779.60	4,606,737.98	1,289,235.83
III.....	6,102,306.70	3,142,369.09	14,409.44	1,307.52	2,122,954.34	365,451.38
IV.....	1,398,226.83	721,066.08	875.11	.....	489,412.43	73,447.91
V.....	2,787,908.88	1,391,023.99	718.50	4,340.53	1,096,684.67	176,568.91
VI.....	8,149,814.73	3,947,871.78	7,053.22	1,997.38	3,052,745.49	611,189.24
VII.....	1,295,550.82	644,832.15	.....	.....	432,291.28	52,840.72
VIII.....	3,422,191.11	1,638,630.72	993.79	.....	1,252,773.53	275,757.37
IX.....	1,364,034.92	639,814.21	69.48	.....	499,891.06	94,916.17
X.....	1,785,199.21	720,925.28	21,009.41	50,100.71	606,084.67	48,886.80
Not divided by groups (Northern Pacific Express Company).....	794,392.06	403,023.30	2,648.85	533.03	257,993.58	.....
Dividends as reported by companies in Part 2 of this table.....	3,198,048.31	.....	.....	.....	.....	.....

GROUPS.	OPERATING EXPENSES—continued.			Taxes.	DIVIDENDS.	
	Paid for general expenses.	Paid for other expenses of operation.	Total operating expenses.		Amount.	Rate per cent.
Total expenditures for United States.....	\$826,715.50	\$2,289,663.82	\$42,413,704.70	\$171,370.31	\$3,198,048.31	.....
Group I.....	71,114.98	114,331.31	4,304,209.92	24,494.87	.....	.....
II.....	108,675.80	590,972.73	11,102,707.26	54,037.70	.....	.....
III.....	80,915.17	356,976.02	6,034,382.96	17,923.74	.....	.....
IV.....	77,772.87	29,044.24	1,391,618.64	6,608.19	.....	.....
V.....	53,604.02	47,069.74	2,770,070.96	17,837.92	.....	.....
VI.....	150,885.04	350,057.89	8,122,703.04	27,111.69	.....	.....
VII.....	15,822.55	147,390.05	1,293,176.75	2,874.07	.....	.....
VIII.....	67,358.68	182,845.90	3,418,359.99	3,831.12	.....	.....
IX.....	24,772.90	101,816.20	1,361,280.02	2,754.90	.....	.....
X.....	19,046.12	314,115.89	1,780,168.85	5,030.36	.....	.....
Not divided by groups (Northern Pacific Express Company).....	66,683.67	54,143.88	785,026.31	9,365.75	.....	.....
Dividends as reported by companies in Part 2 of this table.....	.....	.....	.....	.....	3,198,048.31	.....

a Totals given are for 16 companies only, 4 of which are partial reports, namely, the 3 companies shown in Part 1 as being departments of the railroads whose names they bear, and the Denver and Rio Grande Express.

EXPRESS COMPANIES.

531

TABLE 6.—BUSINESS DONE BY EXPRESS COMPANIES DURING THE YEAR ENDING JUNE 30, 1890.

PART 1.—BY COMPANIES IN EACH GROUP. (a)

COMPANIES.	Number of freight waybills issued.	Number of packages carried on freight waybills.	Weight of packages carried on freight waybills. (Tons).	Number of money waybills issued.	Number of packages carried on money waybills.	Number of money orders issued.
Total for United States	44,475,528	98,118,430	1,646,273	11,614,676	17,258,682	4,598,567
Group I	4,700,815	11,250,034	235,932	1,039,366	1,895,928	142,383
Adams Express Company	1,353,640	3,106,653	38,833	278,114	486,000	.....
American Express Company	2,627,283	4,072,288	151,795	552,165	784,074	132,650
Dominion Express Company	10,260	21,936	294	10,020	13,836	.....
Earle & Prew's Express	114,000	1,930,000	19,110	48,000	288,000	.....
National Express Company	90,224	174,133	4,325	18,714	30,316	.....
New England Despatch Express Company	25,000	75,000	1,375	3,344	9,500	.....
New York and Boston Despatch Express Company	224,672	1,349,160	13,957	60,977	179,410	.....
United States Express Company	255,736	520,864	6,243	68,032	104,792	9,733
Group II	11,125,713	24,325,360	413,090	2,471,826	3,462,415	422,034
Adams Express Company	4,636,470	9,741,149	122,775	914,401	1,415,904	.....
American Express Company	3,226,996	5,001,843	120,180	680,348	960,094	225,101
Camden and Atlantic Express Company (b) .....	.....	.....	.....	.....	.....	.....
Long Island Express Company	419,072	1,079,879	12,298	37,610	48,243	.....
National Express Company	516,593	996,908	24,044	109,568	177,510	.....
United States Express Company	2,322,676	5,089,720	108,727	588,228	642,152	138,764
Wells, Fargo & Co.'s Express	603,966	2,415,861	25,066	141,671	212,512	58,169
West-Jersey Express Company (b) .....	.....	.....	.....	.....	.....	.....
Group III	7,009,230	13,137,149	254,481	1,832,769	2,439,067	785,788
Adams Express Company	2,172,328	3,883,394	58,805	510,183	722,700	.....
American Express Company	2,237,540	3,266,808	113,044	627,100	865,398	511,067
Cincinnati, Georgetown and Portsmouth Express Company (c) .....	.....	.....	500	.....	.....	.....
Pacific Express Company	77,825	143,198	2,092	31,633	43,569	9,331
United States Express Company	1,889,060	3,073,840	51,301	501,420	563,744	219,405
Wells, Fargo & Co.'s Express	692,477	2,769,909	28,739	162,433	243,656	45,985
Group IV	1,177,715	2,855,018	30,800	278,009	419,858	8,793
Adams Express Company	550,427	1,328,338	16,225	124,691	192,096	.....
Southern Express Company	396,620	1,092,996	3,202	68,382	133,526	.....
United States Express Company	230,668	493,684	11,273	84,936	94,236	8,793
Group V	2,029,000	7,307,424	71,765	790,205	1,640,598	63,032
Adams Express Company	630,676	1,365,465	19,602	170,007	240,900	.....
Pacific Express Company	121,102	222,827	3,256	49,224	67,798	13,966
Southern Express Company	1,630,876	4,995,488	38,085	473,286	688,480	.....
United States Express Company	237,436	723,644	10,822	97,688	643,420	49,066
Group VI	9,258,576	14,715,137	348,455	2,688,391	3,765,553	1,598,875
Adams Express Company	1,214,636	2,129,589	33,917	294,862	384,060	.....
American Express Company	4,748,767	6,933,199	184,281	1,320,965	1,835,351	1,245,546
Pacific Express Company	737,848	1,321,641	10,083	297,325	390,142	41,900
Southern Express Company	62,532	96,936	2,144	32,100	113,820	.....
United States Express Company	2,276,116	3,359,064	99,955	682,844	956,236	297,662
Wells, Fargo & Co.'s Express	218,677	874,708	9,075	51,295	76,944	13,677
Group VII	1,171,144	3,822,688	42,817	356,277	516,077	155,322
American Express Company	65,270	95,294	1,293	36,886	50,902	9,161
Pacific Express Company	319,670	582,610	8,896	134,975	188,543	60,652
Wells, Fargo & Co.'s Express	786,195	3,144,784	32,628	184,416	276,632	85,509
Group VIII	3,485,217	8,239,117	116,273	1,163,166	1,638,574	454,633
Adams Express Company	654,035	1,251,316	18,295	158,730	208,818	.....
Denver and Rio Grande Express	198,252	513,300	15,011	50,616	89,608	36,553
Pacific Express Company	1,542,683	2,838,537	41,475	627,054	893,656	195,955
Southern Express Company	104,160	233,988	3,000	43,080	64,320	.....
United States Express Company	277,990	569,588	9,105	111,588	103,020	77,939
Wells, Fargo & Co.'s Express	708,097	2,832,888	29,387	166,098	249,152	144,186
Group IX	1,291,335	3,572,770	43,303	443,644	649,024	141,855
Pacific Express Company	717,155	1,319,565	19,281	291,502	401,492	88,646
Southern Express Company	33,508	144,168	1,953	16,380	48,900	.....
United States Express Company	20,012	26,408	401	13,632	15,432	4,190
Wells, Fargo & Co.'s Express	520,660	2,082,638	21,608	122,130	183,200	49,019
Group X	1,796,893	6,960,224	73,268	439,747	661,668	647,508
Pacific Express Company	120,369	263,128	3,689	46,400	71,764	46,656
Wells, Fargo & Co.'s Express	1,676,524	6,700,096	69,579	393,257	589,904	600,852
Not divided by groups (Northern Pacific Express Company)	769,800	1,924,500	16,089	111,276	169,920	178,344

a Two express companies did not report because they were merely departments of railroad companies bearing same name.
b Returns included in report of railway company of which the express company is a department.
c Partial report, the express company being a department of the railroad whose name it bears.

STATISTICS OF TRANSPORTATION.

TABLE 6.—BUSINESS DONE BY EXPRESS COMPANIES DURING THE YEAR ENDING JUNE 30, 1890—Continued.

PART 2.—BY COMPANY TOTALS. (a)

COMPANIES AND GROUPS.	Number of freight waybills issued.	Number of packages carried on freight waybills.	Weight of packages carried on freight waybills. (Tons.)	Number of money waybills issued.	Number of packages carried on money waybills.	Number of money orders issued.
Total for United States.....	44,475,528	98,118,430	1,646,273	11,614,676	17,258,682	4,598,567
Adams Express Company.....	10,612,212	22,805,904	308,452	2,450,988	3,650,478	.....
American Express Company.....	12,905,856	19,369,432	570,593	3,226,464	4,501,819	2,123,525
Camden and Atlantic Express Company (b).....	.....	.....	500	.....	.....	.....
Cincinnati, Georgetown and Portsmouth Express Company (c).....	.....	.....	.....	.....	.....	.....
Denver and Rio Grande Express.....	198,252	513,300	15,011	56,616	89,608	36,553
Dominion Express Company.....	10,260	21,936	294	10,020	13,836	.....
Earle & Prew's Express.....	114,000	1,930,000	19,110	48,000	288,000	.....
Long Island Express Company.....	419,072	1,079,879	12,298	37,610	48,243	.....
National Express Company.....	606,757	1,171,041	28,369	128,282	207,826	.....
New England Despatch Express Company.....	25,000	75,000	1,375	3,344	9,500	.....
New York and Boston Despatch Express Company.....	224,672	1,349,160	13,957	60,977	179,410	.....
Northern Pacific Express Company.....	769,800	1,924,500	16,089	111,276	169,920	178,344
Pacific Express Company.....	3,636,661	6,691,506	97,772	1,478,203	2,085,964	457,196
Southern Express Company.....	2,236,696	6,503,576	48,484	633,228	1,049,046	.....
United States Express Company.....	7,509,694	13,856,812	297,887	2,148,368	3,183,032	805,552
Wells, Fargo & Co.'s Express.....	5,206,596	20,826,384	216,082	1,221,300	1,832,000	997,397
West Jersey Express Company (b).....	.....	.....	.....	.....	.....	.....

PART 3.—BY GROUP TOTALS. (a)

Total for United States.....	44,475,528	98,118,430	1,646,273	11,614,676	17,258,682	4,598,567
Group I.....	4,700,815	11,250,034	235,932	1,039,366	1,895,928	142,383
II.....	11,125,713	24,325,360	413,090	2,471,826	3,462,415	422,034
III.....	7,069,230	13,137,149	254,481	1,852,769	2,439,067	785,788
IV.....	1,177,715	2,855,018	39,800	278,009	419,858	8,793
V.....	2,629,090	7,307,424	71,765	790,205	1,640,598	63,032
VI.....	9,258,576	14,715,137	348,455	2,688,391	3,765,553	1,598,875
VII.....	1,171,144	3,822,688	42,817	356,277	514,077	155,322
VIII.....	3,485,217	8,239,117	116,273	1,163,166	1,638,574	454,693
IX.....	1,201,335	3,572,779	43,303	443,644	649,024	141,855
X.....	1,796,893	6,969,224	73,268	439,747	661,668	647,508
Not divided by groups (Northern Pacific Express Company).....	769,800	1,924,500	16,089	111,276	169,920	178,344

a Totals given are for 15 companies, of which I is only a partial report.

b Returns included in report of railway company of which the express company is a department

c Partial report, the express company being a department of the railroad whose name it bears.