TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.															Average life.	
			In present track.				Steel.					Iron.						Years.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.					
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
1	Addison R. R. Co	4 8½	.....	.....	16.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Aroostook River R. R. Co	3 6	.....	.....	15.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Ashburnham R. R. Co	4 8½	.....	.....	2.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Ashuelot R. R. Co	4 8½	11.00	56	14.73	56	1877	$44 75	1877	$44 75	$60 00	.....	.....	.....	.....	.....	.....	18
5	Atlantic and Saint Lawrence R. R. Co	4 8½	149.50	65	29.33	.....	1874	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Attleborough Branch R. R. Co	4 8½	.....	.....	5.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Bangor and Piscataquis R. R. Co	4 8½	.....	.....	65.70	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Belfast and Moosehead Lake R. R. Co	4 8½	.....	.....	35.25	60	.....	.....	.....	.....	.....	1869	$57 50	1876	$49 25	.....	.....	.....
9	Bennington and Glastenbury R. R. Co	4 8½	.....	.....	9.47	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Bennington and Rutland Rw'y Co	4 8½	10.00	60	53.93	60	1877	45 00	1877	45 00	50 00	1869	36 00	.....	.....	.....	.....	.....
11	Berkshire R. R. Co	4 8½	.....	.....	24.50	.....	.....	.....	.....	.....	.....	1874	45 00	1874	45 00	.....	.....	.....
12	Boston and Albany R. R. Co	4 8½	441.50	63	229.74	63	1869	120 00	1878	42 75	55 00	.....	.....	.....	.....	.....	.....	.....
13	Boston, Barre, and Gardner R. R. Co	4 8½	0.68	56	44.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	2
14	Boston, Clinton, Fitchburg, and New Bedford R. R. Co	4 8½	45.92	.....	118.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Boston, Concord, and Montreal R. R. Co	4 8½	10.00	56	176.30	56	1868	165 00	1878	45 00	65 00	1874	80 00	1879	35 00	$55 00	.....	.....
16	Boston and Lowell R. R. Co	4 8½	45.55	60	92.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Boston and Maine R. R. Co	4 8½	135.56	60	113.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Boston and New York Air-Line R. R. Co	4 8½	28.00	58	27.42	56	1875	.....	1879	45 00	45 00	.....	.....	.....	.....	.....	.....	.....
19	Boston and Providence R. R. Co	4 8½	93.00	58	56.95	58	1865	160 00	1879	43 00	59 00	.....	.....	.....	.....	.....	14½	7½
20	Boston, Revere Beach, and Lynn R. R. Co	3 0	4.58	50	7.49	40	1877	56 00	1878	50 00	65 00	1875	56 00	1876	36 00	50 00	.....	5
21	Boston, Winthrop, and Point Shirley R. R. Co	3 0	.....	.....	2.70	30	.....	.....	.....	.....	.....	1880	67 00	1877	40 00	50 00	.....	.....
22	Bucksport and Bangor R. R. Co	3 0	.....	.....	19.35	56	.....	.....	.....	.....	.....	1873	75 00	1873	75 00	.....	.....	.....
23	Burlington and Lamoille R. R. Co	4 8½	23.00	56	11.43	.....	.....	.....	.....	.....	.....	1876	50 00	.....	.....	.....	.....	.....
24	Central Vermont R. R. Co	4 8½	111.47	60	34.40	62	1865	100 00	1879	45 00	60 00	1865	70 00	1869	40 00	50 00	18	5
25	Cheshire R. R. Co	4 8½	46.50	60	20.92	60	1872	120 00	1879	41 00	62 00	.....	.....	.....	.....	40 00	.....	5
26	Colchester R. R. Co	4 8½	.....	.....	4.08	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7½
27	Concord R. R. Co	4 8½	59.00	56	42.85	56	1868	159 71	1879	42 50	62 00	1873	85 00	1879	40 00	47 00	12	5
28	Concord and Claremont R. R. Co	4 8½	.....	.....	80.47	53	.....	.....	.....	.....	.....	1849	45 00	.....	.....	.....	.....	.....
29	Concord and Portsmouth R. R. Co	4 8½	.....	.....	45.74	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Connecticut Central R. R. Co	4 8½	.....	.....	29.05	56	.....	.....	.....	.....	.....	1875	36 00	1875	34 00	50 00	.....	.....
31	Connecticut and Passumpsic Rivers R. R. Co	4 8½	32.00	53	88.00	56	1876	52 00	1879	45 00	62 00	1872	85 00	1877	40 00	50 00	.....	6
32	Connecticut River R. R. Co	4 8½	67.00	56	26.63	56	1865	247 50	1879	44 50	87 50	.....	.....	.....	.....	.....	.....	.....
33	Connecticut Valley R. R. Co	4 8½	26.00	60	25.98	53	1874	89 00	1878	43 75	60 00	1870	70 00	1877	35 00	46 00	25	8
34	Connecticut Western R. R. Co	4 8½	13.00	60	67.58	60	1877	.....	1878	42 00	62 50	.....	.....	.....	.....	49 50	.....	6
35	Danbury and Norwalk R. R. Co	4 8½	22.00	56	17.80	56	1876	46 00	1877	42 00	.....	.....	.....	.....	.....	.....	.....	8
36	Danvers R. R. Co	4 8½	.....	.....	9.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Dexter and Newport R. R. Co	4 8½	.....	.....	14.50	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Dorchester and Milton R. R. Co	4 8½	0.46	56	3.29	56	1879	44 70	1879	44 70	62 00	.....	.....	.....	.....	55 00	.....	.....
39	Dover and Winnipiseogee R. R. Co	4 8½	.....	.....	31.25	60	.....	.....	.....	.....	.....	1849	53 00	1851	45 00	.....	.....	.....
40	Eastern R. R. Co. of Massachusetts	4 8½	154.00	60	41.39	55	1868	.....	.....	.....	79 33	.....	.....	.....	.....	50 00	15	4
41	Eastern R. R. Co. of New Hampshire	4 8½	.....	.....	29.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Essex County R. R. Co. (a)																	
43	European and North American Rw'y Co	4 8½	22.00	58	110.50	56	1878	47 50	1878	45 50	61 50	1867	78 50	1878	40 00	46 00	..	7
44	Fall River R. R. Co	4 8½	.....	.....	12.99	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Fall River, Warren, and Providence R. R. Co	4 8½	0.06	56	6.25	56	1880	53 00	1880	53 00	62 00	.....	.....	.....	.....	55 00	.....	.....
46	Fitchburg R. R. Co	4 8½	59.94	60	137.03	58	1875	100 00	1879	43 00	62 00	.....	.....	.....	.....	.....	.....	3
47	Framingham and Lowell R. R. Co	4 8½	10.00	.....	21.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Grafton Center R. R. Co	3 0	.....	.....	3.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Grand Trunk Rw'y Co. of Canada (section in United States)	4 8½	16.00	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Hanover Branch R. R. Co	4 8½	1.25	50	7.53	53	1878	50 00	1877	50 00	60 00	1870	95 00	1880	47 50	.....	.....	8
51	Holyoke and Westfield R. R. Co	4 8½	.....	.....	17.22	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Hopkinton R. R. Co	4 8½	.....	.....	11.59	60	.....	.....	.....	.....	.....	1872	90 00	1872	90 00	.....	.....	.....
53	Horn Pond Branch R. R. Co	4 8½	.....	.....	0.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Houlton Branch R. R. Co	4 8½	.....	.....	3.00	56	.....	.....	.....	.....	.....	1872	46 00	.....	.....	.....	.....	13
55	Housatonic R. R. Co	4 8½	58.00	60	23.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Knox and Lincoln R. R. Co	4 8½	.....	.....	54.00	56	.....	.....	.....	.....	.....	1870	67 00	1878	48 50	50 00	.....	15
57	Lamoille Valley R. R. Co. (a)																	
58	Lancaster R. R. Co	4 8½	.....	.....	9.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Lewiston and Auburn R. R. Co	4 8½	6.53	65	.....	.....	1874	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Lowell and Andover R. R. Co	4 8½	.....	.....	12.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Maine Central R. R. Co	4 8½	74.50	58	282.05	60	1873	93 92	1879	44 30	63 00	.....	.....	.....	.....	.....	.....	.....
62	Manchester and Keene R. R. Co	4 8½	.....	.....	30.05	56	.....	.....	.....	.....	.....	1878	42 00	1877	32 00	.....	.....	.....
63	Manchester and Lawrence R. R. Co	4 8½	.....	.....	26.17	56	.....	.....	.....	.....	.....	1873	85 00	1879	40 00	47 00	12	5
64	Manchester and North Weare R. R. Co	4 8½	.....	.....	21.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Martha's Vineyard R. R. Co	3 0	.....	.....	9.28	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Middlesex Central R. R. Co	4 8½	.....	.....	13.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Milford and Woonsocket R. R. Co	4 8½	.....	.....	4.34	56	.....	.....	.....	.....	.....	1868	72 25	1868	72 25	.....	.....	.....
68	Mississquoi R. R. Co	4 8½	.....	.....	30.07	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	38 00	.....	.....
69	Mississquoi and Clyde Rivers R. R. Co	4 8½	.....	.....	22.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Monadnock R. R. Co	4 8½	.....	.....	16.40	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a See Portland and Ogdensburg R. R. Line, Vermont division.

TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT.

CROSS-TIES.															FENCE-POSTS.									
Laid during year.		Kind of wood preferred.	Average life.												Used during year.		Kind of wood preferred.	Average life.						
			Years.															Years.						
Number.	Average cost per tie (cents).		Butternut.	Cedar.	Cherry birch.	Chestnut.	Hackmatack.	Hemlock.	Juniper.	Oak.	Pine.	Pine sapling.	Spruce.	Tamarack.	Number.	Average cost per post (cents).		Ash.	Cedar.	Chestnut.	Hackmatack.	Hemlock.	Oak.	Pine.	
																									1
																									2
100	40	Chestnut				7																			3
7,000	35	....do				9									1,500	12	Chestnut			8					4
67,000	20	Tamarack																							5
																									6
19,397	23	Cedar		14			7										Cedar								7
																									8
10,000	20	Cherry birch			7								5				Chestnut								9
26,000	40	Chestnut				6				6					15,000	5½	....do			6					10
																									11
302,628	45	Chestnut				5½									10,000	15	Chestnut			11					12
																									13
																									14
69,594	25	Cedar		9		8		5					4		2,000	12	Cedar		9	8					15
		Chestnut																							16
																									17
21,500	30	Chestnut				8									2,000	10	Chestnut			8					18
40,000	49	....do				7									6,274	10	....do			15					19
3,772	30	Cedar and chestnut		5											330	25	Cedar								20
500	30	Cedar		6			5	4									Cedar		7						21
	47	Juniper														12	....do								22
																									23
135,000	22			5		5		5							9,000	10	Cedar								24
19,099	40	Chestnut				6		4							2,000	12	Chestnut			12					25
1,583	30	Chestnut				8									147	10	Chestnut			8					26
67,917	33	....do		8		8		4		8					500	10	....do			8					27
29,426	23			10		8		5							1,037	8½	... do			11					28
																									29
	50	Oak and chestnut				6				7						15	Oak and chestnut								30
45,000	20	Cedar		12				5						7	2,500	7	Cedar		15						31
29,036	35	Chestnut				8									2,500	12	Chestnut			14					32
25,000	38	White chestnut				12				12					600	18	White chestnut			10					33
36,000	40	Chestnut				6½									500	18	Chestnut			8					34
10,000	40	....do				8									5,000	12	....do			12					35
																									36
																									37
																									38
		Cedar																							39
98,223	30	White oak and chestnut		8				6							5,000	12½	Cedar		15						40
																									41
																									42
22,327	14¾	Cedar		7					7																43
																									44
1,400	17																								45
91,034	37	Chestnut		10		6				5					4,000	14	Chestnut		20	14			12		46
																									47
																									48
																									49
4,000	32	Cedar		9		9		6	6	7			5				Cedar		10						50
																									51
																									52
																									53
																									54
																									55
7,504	30	Cedar		12			7	5		5															56
																									57
																									58
1,300	25	Tamarack						6						6			Cedar								59
																									60
45,000	27½														1,000	8	Cedar								61
		Chestnut													10,000	10	Chestnut								62
8,176	33	....do		8		8		4		8					200	10				8					63
																									64
2,828	29	Chestnut															Chestnut								65
																									66
																									67
8,000	20	Tamarack and chestnut						6									Cedar								68
																									69
3,000	35	Chestnut													1,500	15	Chestnut								70

TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS. In present track. Steel. Miles.	Steel. Weight, pounds per yard.	Iron. Miles.	Iron. Weight, pounds per yard.	Steel. First laid. Year.	Steel. First laid. Cost per ton delivered.	Steel. Lowest price paid. Year.	Steel. Lowest price paid. Per ton delivered.	Steel. Present cost per ton delivered.	Iron. Highest price paid. Year.	Iron. Highest price paid. Per ton delivered.	Iron. Lowest price paid. Year.	Iron. Lowest price paid. Per ton delivered.	Iron. Present cost per ton delivered.	Average life. Years. Steel.	Average life. Years. Iron.
71	Montpelier and Saint Johnsbury R. R. Co (a)																	
72	Montpelier and Wells River R. R. Co	4 8½	3.00	56	40.47	50	1879					1873	$84 00					
73	Montpelier and White River R. R. Co	4 8½			6.88													
74	Moshassuck Valley R. R. Co	4 8½	2.00	60														
75	Mount Washington R. R. Co	4 8½			3.33	30												
76	Narragansett Pier R. R. Co	4 8½			8.95	56						1876	50 00					
77	Nashua, Acton, and Boston R. R. Co	4 8½			22.94													
78	Nashua and Lowell R. R. Co	4 8½	24.92	56 / 60	9.68	58	1872	$87 50	1880	$49 00	$70 00	1872	87 50	1879	$49 00			
79	Nashua and Rochester R. R. Co	4 8½			52.54	56						1873	82 50	1874	62 50			
80	Naugatuck R. R. Co	4 8½	56.55	56 / 68 / 60	10.75	56	1872	96 00										
81	Newburyport R. R. Co	4 8½			29.56													
82	Newburyport City R. R. Co	4 8½			4.03													
83	New Canaan R. R. Co	4 8½			8.77	56						1867	64 00					
84	New Haven and Derby R. R. Co	4 8½	3.50	56	11.24		1879	45 00	1878	46 00	65 00	1868	90 00	1870	62 50	$48 00		
85	New Haven and Northampton Co	4 8½	80.00	60	39.40	60	1872	116 38	1878	42 00	59 00							
86	New London Northern R. R. Co	4 8½	30.00	58	120.34		1875											
87	Newport and Wickford R. R. and Steamboat Co	4 8½			3.90													
88	New York, Housatonic, and Northern R. R. Co	4 8½			5.75	56												
89	New York and New England R. R. Co	4 8½	127.20	60	217.47		1872	100 00	1878	45 00	59 75							3–30
90	New York, New Haven, and Hartford R. R. Co	4 8½	246.64	60	78.64	58	1866	120 00	1880	60 00	62 50							
91	New York, Providence, and Boston R. R. Co	4 8½	70.00	60	56.38	60	1875	74 00	1878	39 76	46 25	1875	74 00	1877	40 00			5
92	North Brookfield R. R. Co	4 8½			4.65	56						1875	52 00	1875	52 00			
93	Northern R. R. Co. of New Hampshire	4 8½	69.38	56	33.03	53	1869	114 50	1878	44 00	62 50	1846	85 00					10
94	Norway Branch R. R. Co	4 8½			1.44	65												
95	Norwich and Worcester R. R. Co	4 8½	8.50	56 / 60	71.98	58	1868											6–10
96	Old Colony R. R. Co	4 8½	160.97	56	219.16	56	1865	194 84	1879	44 70	62 00	1866	120 00	1879	40 00	55 00		
97	Pawtuxet Valley R. R. Co	4 8½			7.18													
98	Peterborough R. R. Co	4 8½			11.77	56						1873	88 00	1873	88 00			
99	Peterborough and Hillsborough R. R. Co	4 8½			19.18	56						1878	31 00					
100	Pittsfield and North Adams R. R. Co	4 8½			22.20													
101	Pontiac Branch R. R. Co	4 8½			4.69	60						1879	35 00	1879	35 00	43 00		5
102	Portland and Ogdensburg R. R. Co	4 8½	4.00	50 / 56	90.86		1880	83 00			63 50							
103	Portland and Ogdensburg R. R. Line, Vermont division, comprising—																	
	Essex County R. R. Co	4 8½			23.30	56												
	Lamoille Valley R. R. Co	4 8½	3.00	50	79.60	56	1880	64 00				1871	86 00	1877	43 00	49 00		8
	Montpelier and Saint Johnsbury R. R. Co	4 8½			20.10	56												
104	Portland and Oxford Central R. R. Co	4 8½			27.50													
105	Portland and Rochester R. R. Co	4 8½	2.00	56	56.00	56	1880	60 00				1872	77 50	1879	38 00		25	10
106	Portland, Saco, and Portsmouth R. R. Co	4 8½			63.69													
107	Portsmouth and Dover R. R. Co	4 8½			12.17													
108	Portsmouth, Great Falls, and Conway R. R. Co	4 8½			80.28													
109	Profile and Franconia Notch R. R. Co	3 0	10.50	35			1879											
110	Providence and Springfield R. R. Co	4 8½	4.00	56	23.20	56	1878	46 50	1878	46 50	67 00	1872	90 00	1875	32 50	50 00	20	6
111	Providence, Warren, and Bristol R. R. Co	4 8½	5.00	60	9.60	58	1874	102 00	1878	44 25		1874	75 00					10
112	Providence and Worcester R. R. Co	4 8½	48.15	56 / 60	60.64	58	1870	102 00	1879	45 17	58 00	1860	81 00	1877	40 00		12	4
113	Rhode Island Central R. R. Co	4 8½			8.68	60												
114	Rhode Island and Massachusetts R. R. Co. (in Massachusetts)	4 8½			6.73													
115	Rhode Island and Massachusetts R. R. Co. (in Rhode Island)	4 8½			7.83	56						1877	48 00					
116	Rockville R. R. Co	4 8½			5.55	50												
117	Rumford Falls and Buckfield R. R. Co	4 8½	0.50	56	1.00		1878											
118	Rutland R. R. Co	4 8½			142.01													
119	Rutland and Whitehall R. R. Co	4 8½	0.89	62	7.75	60												
120	Saint Croix and Penobscot R. R. Co	4 8½			19.06	56						1871	73 00	1874	72 00			14
121	Salem and Rutland R. R. Co	4 8½			34.83	60												
122	Sandy River R. R. Co	2 0			18.00	25												
123	Shepaug R. R. Co	4 8½	0.38	50	33.38	50	1879	52 16				1879	40 00	1879	32 00			
124	Shore Line Rw'y Co	4 8½	48.03		8.44											52 00		
125	Somerset R. R. Co	4 8½			25.05	50						1874	90 00	1875	60 00			
126	South Manchester R. R. Co	4 8½	2.25	56	1.21	56	1879	50 00	1879	50 00		1869	75 00	1869	75 00			10
127	Spencer R. R. Co	4 8½			2.92	56						1878	38 00	1878	34 50			
128	Springfield and New London R. R. Co	4 8½	7.27	60	1.00		1875											
129	Springfield and Northeastern R. R. Co	4 8½	2.25	56	50.25	53	1879	45 00	1879	45 00				1878	35 00			10
130	Stockbridge and Pittsfield R. R. Co	4 8½			25.40													
131	Stony Brook R. R. Co	4 8½			14.11													
132	Sullivan County R. R. Co	4 8½			27.84	56												
133	Suncook Valley R. R. Co	4 8½			18.23	56												
134	Troy and Greenfield R. R. and Hoosac Tunnel	4 8½	43.93	60 / 68	28.80		1874											
135	Union Freight R. R. Co	4 8½	2.20	65 / 88	2.53	90	1878	54 00	1878	54 00	72 00							3

a See Portland and Ogdensburg R. R. Line, Vermont division.

TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT—Continued.

CROSS-TIES.																FENCE-POSTS.														
Laid during year.		Kind of wood preferred.	Average life. Years.													Used during year.		Kind of wood preferred.	Average life. Years.							
Number.	Average cost per tie (cents).		Butternut.	Cedar.	Cherry birch.	Chestnut.	Hackmatack.	Hemlock.	Juniper.	Oak.	Pine.	Pine sapling.	Spruce.	Tamarack.		Number.	Average cost per tie (cents).		Ash.	Cedar.	Chestnut.	Hackmatack.	Hemlock.	Oak.	Pine.	
7,000	27																8–11	Cedar								71
		Chestnut																								72
																										73
																										74
175	52	Chestnut																								75
																		Chestnut								76
25,000	35	Chestnut		6		10																				77
																		Chestnut			12					78
																										79
		Oak and chestnut				6½				7½							20									80
3,300	30	Chestnut				9½																				81
10,162	37½															300	12	Chestnut			10					82
20,134	35	Chestnut				7												Cedar								83
																		Chestnut								84
		do				6																				85
																		do			10					86
144,325	32 7/10	Chestnut	8			8																				87
162,992	42	Chestnut				8										86,790		Chestnut								88
																	17	Chestnut								89
38,261	40	do				6										7,094	15	do			10					90
54,186	24	Chestnut		10		8		5								2,648	10	Chestnut								91
																										92
32,164	37 7/16	Chestnut				7											15	Chestnut								93
																										94
200,951	33	Chestnut														22,525	17	do								95
		Chestnut																do								96
	45	Chestnut and cedar				5		5									12	do								97
400	25			10		8		5								2,184	10	do			4					98
																		do			11					99
12,640	65	Oak and chestnut				3				3																100
5,000	22	Cedar		7				6		5	7	4	5			8,360	20	Chestnut								101
																1,000	10	Cedar		11		7	5	5	4	102
50,000	20	Cedar		10				7								3,000	6	Cedar		20						
																										103
26,000	25	Cedar		9				4		5								Cedar		20			11	10		104 105
																										106
																										107
																										108
5,000	37½	Chestnut				6																				109
5,400	45	do				8												Chestnut			10					110
45,000	44	do				6				6						320	18½	do			12					111
																16,000	12	do			10					112
																										113
																										114
																										115
1,825	18	Hackmatack					6	6								1,500	12½	Cedar		20						116
																										117
3,937	16½	Cedar		10			10																			118 119
																										120
		Cedar		12												4,000	5	Cedar	8	15		8				121
12,453	36 1/10	Chestnut				8				8																122
		Cedar		11			6																			123 124
																		Cedar		11						125
3,376	44	Chestnut				7				7						1,500	40	Chestnut			10					126
6,500	40	do																								127
		Chestnut																								128
20,000	35	White oak and chestnut				8				8						1,000	10	Chestnut			12					129
																										130
																										131
																										132
17,000		Chestnut																								133
																		Cedar								134
																										135

TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																	
			In present track.				Steel.					Iron.						Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.				Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.		Steel.	Iron.
136	Vermont and Canada R. R. Co	4 8½	.....	.....	70.17	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
137	Vermont and Massachusetts R. R. Co	4 8½	55.60	60	38.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
138	Vermont Valley R. R. Co. of 1871	4 8½	14.00	56	12.54	60	1877	$52 71	1877	$46 74	$67 50	.....	.....	.....	.....	.....		.....	.....
139	Ware River R. R. Co	4 8½	4.00	62	49.97	62	1878	47 75	1878	47 75	.....	.....	$50 00	.....	.....	$50 00		.....	.....
140	Watertown and Waterbury R. R. Co	4 8½	.....	.....	4.85	56	.....	.....	.....	.....	.....	1870	59 00	.....	.....	.....		.....	.....
141	West Amesbury Branch R. R. Co	4 8½	.....	.....	4.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
142	West Stockbridge R. R. Co	4 8½	.....	.....	5.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
143	Whitefield and Jefferson R. R. Co	4 8½	.....	.....	13.80	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
144	Whitneyville and Machiasport R. R. Co	4 8½	.....	.....	7.87	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
145	Wilton R. R. Co	4 8½	.....	.....	18.93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
146	Wolfeborough R. R. Co	4 8½	.....	.....	13.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
147	Wood River Branch R. R. Co	4 8½	.....	.....	6.06	45	.....	.....	.....	.....	.....	1874	.....	1874	.....	.....		.....	.....
148	Woodstock R. R. Co	4 8½	.....	.....	14.34	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....
149	Worcester and Nashua R. R. Co	4 8½	17.50	56	59.20	56	1875	75 00	1879	46 00	65 00	1868	99 00	1878	$38 00	50 00		.....	12
150	Worcester and Shrewsbury R. R. Co	3 0	.....	.....	2.62	35	.....	.....	.....	.....	.....	1873	93 00	1880	55 00	.....		.....	.....

TABLE XI.—ROADWAY AND TRACK.

GROUP I.—MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT—Continued.

CROSS-TIES.																FENCE-POSTS.										
Laid during year.			Average life.													Used during year.			Average life.							
			Years.																Years.							
Number.	Average cost per tie (cents).	Kind of wood preferred.	Butternut.	Cedar.	Cherry birch.	Chestnut.	Hackmatack.	Hemlock.	Juniper.	Oak.	Pine.	Pine sapling.	Spruce.	Tamarack.		Number.	Average cost per foot (cents).	Kind of wood preferred.	Ash.	Cedar.	Chestnut.	Hackmatack.	Hemlock.	Oak.	Pine.	
																										136
																										137
15,597	35	Chestnut				8										960	14	Chestnut								138
																										139
		Chestnut																								140
																										141
																										142
		Cedar															15	Cedar								143
200	20	do						6			6		6					do								144
																										145
																										146
900	35	Chestnut															12	Chestnut								147
15,000								5										Cedar								148
20,952	40	Chestnut				9										1,947	10	Chestnut			15					149
3,000	20	do				10																				150

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TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																	
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
1	Adirondack Co	4 8½	.....	.....	62.75	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Albany and Susquehanna R. R. Co	4 8½	130.73	62	50.73	59	1871	$126 00	1879	$48 00	$65 00	1868	$75 00	1876	$43 25	.....	15	6
3	Albany and Vermont R. R. Co	4 8½	18.77	62	4.48	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Allegan and South Eastern R. R. Co	4 8½	.....	.....	12.74	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Allegheny Valley R. R. Co	4 9	176.50	60	190.72	60	1874	62 50	1880	49 00	79 00	.....	.....	.....	.....	.....	.....	.....
6	Allentown R. R. Co	4 8½	.....	.....	4.90	60	.....	.....	.....	.....	.....	1865	85 00	1879	32 00	$48 00	.....	.....
7	Alliance and Lake Erie R. R. Co	3 0	.....	.....	26.30	30	.....	.....	.....	.....	.....	1876	51 20	1879	50 00	.....	.....	.....
8	Anderson, Lebanon, and Saint Louis R. R. Co	4 8½	.....	.....	20.00	.....	.....	.....	.....	.....	.....	1876	55 00	..	.....	.....	.....	.....
9	Annapolis and Elk Ridge R. R. Co	4 8½	.....	.....	22.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Antwerp and Paulding R. R. Co	4 8½	.....	.....	4.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Ashtabula and Pittsburgh Rw'y Co	4 9	3.72	.....	66.89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Atlantic Avenue R. R. Co	4 8½	14.24	.....	2.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Avon, Geneseo, and Mount Morris R. R. Co	6 0	.....	.....	19.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Bachman Valley R. R. Co. of Maryland	4 8½	.....	.....	5.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Bachman Valley R. R. Co. of Pennsylvania	4 8½	.....	.....	10.00	52½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Bald Eagle Valley R. R. Co	4 9	10.00	60	48.48	56	1879	40 00	1879	40 00	49 00	1874	78 00	1879	34 00	.....	.....	17
17	Baltimore and Hanover R. R. Co	4 8½	0.50	56	20.24	59	1879	42 00	1879	42 00	60 00	1879	61 00	1878	28 00	45 00	.....	.....
18	Baltimore and Ohio R. R. Co	4 8½	750.00	66	146.65	68	1865	115 00	1879	43 00	58 00	1873	90 00	1879	41 00	45 00	.....	7
19	Baltimore and Ohio and Chicago R. R. Co	4 8½	36.06	60	266.68	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Baltimore and Potomac R. R. Co	4 9	47.23	63	64.47	60	.....	.....	1879	48 00	48 00	.....	.....	.....	.....	.....	.....	.....
21	Baltimore Short Line Rw'y Co	4 8½	.....	.....	36.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Bangor and Portland Rw'y Co	4 8½	.....	.....	8.76	65	.....	.....	.....	.....	.....	1879	33 00	.....	.....	.....	.....	.....
23	Barclay Coal Co	4 8½	1.00	50	21.25	58	1872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Bath and Hammondsport R. R. Co	3 0	.....	.....	9.60	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Bedford and Bridgeport R. R. Co	4 9	1.06	60	53.29	52	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Bedford, Springville, Owensburg, and Bloomfield R. R. Co	3 0	.....	.....	43.29	33	.....	.....	.....	.....	.....	.....	56 00	.....	50 00	50 00	.....	9
27	Bellaire and South Western Rw'y Co	3 0½	.....	.....	43.50	35	.....	.....	.....	.....	.....	1879	36 25	1878	35 00	.....	.....	.....
28	Bellefonte and Snow Shoe R. R. Co	4 8½	6.40	56	23.20	50	1874	114 00	1879	48 00	....	1863	83 00	1877	45 00	54 00	....	10
29	Bell's Gap R. R. Co	3 0	0.13	35	9.17	35	1879	47 00	1879	47 00	66 00	.....	.....	.....	.....	56 00	....	8
30	Belvidere Delaware R. R. Co	4 9	53.98	61	68.36	58	1868	170 00	1878	40 00	60 00	1866	86 00	.....	.....	.....	....	7½
31	Berlin R. R. Co	4 8½	.....	.....	8.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Berlin Branch R. R. Co	4 8½	.....	.....	7.45	53	.....	.....	.....	.....	.....	1877	40 00	.....	.....	44 00	.....	.....
33	Black River and Morristown R. R. Co	4 8½	.....	.....	38.70	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Blairstown Rw'y Co	4 8½	12.43	50	.....	..	1877	50 00	1877	50 00	.....	.....	.....	.....	.....	.....	.....	.....
35	Boston, Hoosac Tunnel, and Western Rw'y Co	4 8½	45.00	61	2.21	61	1878	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Bowling Green R. R. Co	4 9	.....	.....	6.00	35	.....	.....	.....	.....	.....	1876	35 00	1876	35 00	.....	.....	.....
37	Bradford, Bordell, and Kinzua R. R. Co	3 0	.....	.....	20.17	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Breakwater and Frankford R. R. Co	4 8½	.....	.....	20.93	45	.....	.....	.....	.....	.....	1874	.....	.....	.....	55 00	....	10
39	Brookfield Coal Co	4 9½	.....	.....	2.09	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Brooklyn, Bath, and Coney Island R. R. Co	4 8½	.....	.....	11.25	56	.....	.....	.....	.....	.....	1865	88 00	....	35 00	.....	....	10
41	Brooklyn, Flatbush, and Coney Island Rw'y Co	4 8½	16.50	56	0.76	45	1878	42 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Brooklyn and Montauk R. R. Co	4 8½	10.23	...	68.93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Brooklyn and Rockaway Beach R. R. Co	3 0 4 8½	5.30	....	4.50	47	.....	.....	.....	.....	.....	1865	80 00	1878	35 50	50 00	...	10
44	Buffalo, Bradford, and Pittsburgh R. R. Co	6 0	.....	.....	34.07	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Buffalo Creek R. R. Co	4 8½	1.50	58	13.15	58	1877	55 00	1878	45 00	65 00	1870	75 00	1875	32 50	50 00	....	....
46	Buffalo Erie Basin R. R. Co	4 8½	.....	.....	0.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Buffalo, New York, and Erie R. R. Co	4 8½ 6 0	.....	.....	283.43	..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Buffalo, New York, and Philadelphia Rw'y Co	4 8½	100.00	60	46.55	60	1876	.....	1879	42 00	65 00	1872	75 00	1871	70 00	.....	....	7
49	Buffalo and South Western R. R. Co	4 8½	.....	.....	78.01	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Camden and Atlantic R. R. Co	4 8½	30.00	60	54.80	59	1876	70 00	1879	44 00	58 00	1874	70 00	1877	35 00	48 00	....	....
51	Camden and Burlington County R. R. Co	4 9	11.97	59	23.52	56	1868	160 00	1878	40 00	60 00	.....	.....	.....	.....	.....	.....	.....
52	Camden, Gloucester, and Mount Ephraim Rw'y Co	3 0	.....	.....	8.00	35	.....	.....	.....	.....	.....	1873	72 00	1876	34 00	50 00	....	7
53	Canada Southern Bridge Co	4 8½	3.00	60	13.92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Carbon and Otter Creek Valley R. R. Co	4 8½	.....	.....	1.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Carthage, Watertown, and Sackett's Harbor R. R. Co	4 8½	.....	.....	31.58	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Catasauqua and Fogelsville R. R. Co	4 8½	10.00	50	23.00	50	1871	125 00	1879	49 90	60 77	1864	140 00	1879	39 00	48 00	....	5
57	Catawissa R. R. Co	4 8½	15.00	62	105.69	62	1871	.....	.....	.....	60 00	.....	.....	.....	.....	46 50	.....	.....
58	Cayuga and Susquehanna R. R. Co	4 8½	7.32	67	33.29	61	1877	42 00	1878	40 00	48 25	.....	.....	.....	.....	.....	.....	7
59	Cazenovia, Canastota, and De Ruyter Rw'y Co	4 8½	14.05	60	17.02	60	1878	42 00	1878	42 00	53 50	.....	.....	.....	.....	48 00	.....	7
60	Celina, Van Wert, and State Line Extension of Columbus and Northwestern Rw'y Co.	3 0	.....	.....	10.68	30	.....	.....	.....	.....	.....	1880	53 00	1879	40 00	52 50	.....	.....
61	Central R. R. Co. of New Jersey	4 8½	194.37	60	107.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Central Ohio R. R. Co	4 8½	137.29	60	37.83	....	1875	.....	1879	60 00	60 00	.....	.....	.....	.....	.....	.....	.....
63	Champlain and Saint Lawrence Rw'y Co	4 8½	.....	.....	1.21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Charlotteburg and Green Lake R. R. Co	4 9	0.13	50	4.50	45	1879	45 00	1879	45 00	65 00	1874	65 00	1874	65 00	58 00	.....	.....
65	Chartiers Rw'y Co	4 9	.....	.....	24.79	52	.....	.....	.....	.....	.....	1870	72 00	1870	72 00	48 00	....	7
66	Chateaugay R. R. Co	3 0	17.70	47	1.84	67	1879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Chemung R. R. Co	6 0 4 9	14.75	60	20.30	62	1876	66 70	1878	40 86	49 71	.....	.....	.....	.....	.....	.....	4
68	Cherry Valley, Sharon, and Albany R. R. Co	4 8½	.....	.....	22.34	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Chester R. R. Co	4 8½	.....	.....	12.46	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Chester Creek R. R. Co	4 8½	.....	.....	8.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA.

CROSS-TIES.													FENCE-POSTS.												
Laid during year.			Average life.										Used during year.			Average life.									
			Years.													Years.									
Number.	Average cost per tie (cents).	Kind of wood preferred.	Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).	Kind of wood preferred.	Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
15,458	20½	Chestnut										1			Chestnut									1
109,892	30	White oak			7					7		2	169	8				10						2
												3												3
												4												4
111,881	40	White oak										5												5
1,090	50	White oak			7					7		6												6
		do										7			Locust									7
												8												8
												9												9
												10												10
												11												11
												12												12
												13												13
												14												14
	30	White oak								8		15												15
14,000	40	White oak								10		16												16
												17												17
313,826		White oak								7		18			Locust									18
												19												19
38,546	50	White oak										20												20
												21												21
22,000	30	White oak										22		8	Chestnut									22
7,475	40	White and rock oak						8		7		23												23
4,000	20	White oak					5					24		10	Oak									24
22,369	35	do								7		25												25
5,000	18	White oak								7		26			Oak							9		26
80,000	21	do										27												27
6,766	35	do						10		10		28	200	12½	Chestnut			10				10		28
	20	White and rock oak			8			8		8		29												29
48,652	58	White oak			7			7		7		30	2,180	20	Chestnut									30
												31												31
		White oak										32												32
												33												33
50	42	White oak			7					7		34			Chestnut									34
30,000	35	Chestnut										35	6,000											35
2,000	25	White oak										36			White oak									36
												37												37
1,800	30	White oak								7		38												38
												39												39
2,500	50	Chestnut			6					6		40												40
		White oak										41												41
												42												42
1,000	40	Chestnut			9		7				(a)	43												43
												44												44
2,300	26	White oak										45												45
												46												46
												47												47
60,000	20	White oak					3					48												48
												49												49
50,000	60	White oak			10					10		50												50
												51												51
19,725	58	White oak									(a)													
1,000	40	do									(b)	52												52
												53												53
												54												54
												55												55
15,518	50	White oak										56	100	20	White oak									56
69,402	45	White and rock oak			7			7		7		57	2,000	9	Chestnut			8						57
11,304	33	White oak			7					7		58	4,933	65	do			7						58
17,573	20	do					5					59	500	6	Cedar		15	10	5					59
9,000	17	do										60	500	10	White oak									60
												61												61
90,539	30	White oak								7		62	2,088	8	Cedar		12	12				12		62
												63												63
1,600	35	Chestnut			7					0		64			Cedar									64
10,243	50	White oak								5		65												65
50,160	8	Tamarack										66			Cedar									66
8,478	55	White oak								8		67	479	8	Chestnut									67
												68												68
												69												69
												70												70

a Pine, 4 to 7 years.

b Spruce, 7 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																Average life.	
			In present track.				Steel.					Iron.							Years.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.						
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.			Steel.	Iron.
71	Chester and Delaware River R. R. Co	4 8½	1.00	60	5.00	57					$59 00	1873	$80 00	1879	$35 00	$47 00				
72	Chester Valley R. R. Co	4 8½			23.28	57						1873	80 00	1879	35 00	47 00				
73	Chestnut Hill R. R. Co	4 8½			4.63	56														
74	Chicago and Block Coal R. R. Co	4 9			14.38															
75	Chicago and Canada Southern Rw'y Co	4 8½	39.93	63	31.68	54														
76	Chicago, Cincinnati, and Louisville R. R. Co	4 8½			76.48	55						1870	73 00	1879	35 00	53 00				9
77	Chicago, Detroit, and Canada Grand Trunk Junction R. R. Co.	4 8½	59.25	63	13.17		1873													
78	Chicago and Grank Trunk Rw'y Co	4 8½	100.00	63	255.46	56	1878	$60 00	1879	$50 00	83 00	1879	40 00	1879	35 00	44 00		10		3½
79	Chicago, Saginaw, and Canada R. R. Co	4 8½			41.00	55														
80	Chicago and West Michigan R. R. Co	4 8½	94.82	55	184.35	50	1874	82 00	1879	45 00	60 00	1870	90 00	1877	42 25					7
81	Cincinnati and Baltimore Rw'y Co	4 8½	12.00	60	7.00															
82	Cincinnati and Eastern Rw'y Co	3 0			68.89	37														
83	Cincinnati, Hamilton, and Dayton R. R. Co	4 9	70.00	60	28.78	60	1868	137 50	1879	43 00	60 00									
84	Cincinnati, Hamilton, and Indianapolis R. R. Co	4 9	14.00	60	95.30	60														
85	Cincinnati, Indianapolis, Saint Louis, and Chicago Rw'y Co.	4 8½	174.90	56	54.16		1872												10	4
86	Cincinnati and Muskingum Valley Rw'y Co	4 9			162.13															
87	Cincinnati and Portsmouth R. R. Co	3 0			21.45	35														
88	Cincinnati, Richmond, and Chicago R. R. Co	4 9	7.50	60	32.90	60						1877	45 00	1878	36 25	52 00				9
89	Cincinnati, Richmond, and Fort Wayne R. R. Co	4 9			92.66	56														
90	Cincinnati, Rockport, and Southwestern Rw'y Co	4 8½			40.00															
91	Cincinnati, Sandusky, and Cleveland R. R. Co	4 9	67.00		122.76															
92	Cincinnati and Springfield Rw'y Co	4 8½	47.80	60	14.46	60														
93	Cincinnati, Wabash, and Michigan Rw'y Co	4 8½	4.00	52	112.18	52	1878	50 00	1878	50 00	63 00	1870	80 00	1876	45 00	50 00				
94	Cincinnati and Westwood R. R. Co	3 0			5.96	35														
95	Clayton and Theresa R. R. Co	4 8½			16.54	56														
96	Cleveland, Columbus, Cincinnati, and Indianapolis Rw'y Co.	4 8½	368.27	60	162.40	60	1870	113 50	1879	43 75	60 00									
97	Cleveland and Mahoning Valley Rw'y Co	4 9½	68.78		104.20	60														
98	Cleveland and Marietta R. R. Co	4 8½			107.23	50														
99	Cleveland, Mount Vernon, and Delaware R. R. Co	4 9			163.10															
100	Cleveland, Painesville, and Ashtabula R. R. Co	4 8½	0.50		7.65															
101	Cleveland and Pittsburgh R. R. Co	4 9	138.45	60	116.74	60	1875	70 00	1878	42 00	59 00									
102	Cleveland, Tuscarawas Valley, and Wheeling Rw'y Co	4 8½	87.80	56	111.85	56	1877													7
103	Clove Branch R. R. Co	4 8½			5.09	56						1869	78 00							16
104	Colebrookdale R. R. Co	4 8½			15.20	54						1865	85 00	1879	32 00	48 00				
105	College Hill R. R. Co	3 0			6.50	35						1876	50 00							
106	Columbia and Port Deposit R. R. Co	4 9	0.95	60	41.75	60	1880	49 15	1880	49 15	49 15									8
107	Columbus, Chicago, and Indiana Central Rw'y Co	4 9	163.00	60	509.60															
108	Columbus and Hocking Valley R. R. Co	4 9	93.62	56	48.57	58	1872	120 00	1878	40 00	65 00	1870	90 00	1878	36 00	50 00				3
109	Columbus, Kinkora, and Springfield R. R. Co	4 9	0.03	57	15.08															
110	Columbus and Maysville Rw'y Co	3 0			19.60	35						1879	45 00	1879	38 50					
111	Columbus, Springfield, and Cincinnati R. R. Co	4 9	20.00		26.62															
112	Columbus and Toledo R. R. Co	4 9	63.25	60	69.81	60	1876	75 00	1880	60 00	60 00	1876	55 00	1880	50 00	50 00				6½
113	Columbus, Washington, and Cincinnati R. R. Co	3 0			20.25	35														
114	Columbus and Xenia R. R. Co	4 9	44.70	60	20.02															
115	Connecting Rw'y Co	4 9	7.31	62	17.63	56	1868	150 00	1879	41 10	49 10	1864	153 75	1878	30 00	53 00		9		4
116	Connotton Valley R. R. Co	3 0	23.80	35	16.39	28	1879	75 00	1879	75 00										
117	Cooperstown and Susquehanna Valley R. R. Co	4 8½			16.25	50														
118	Corning, Cowanesque, and Antrim Rw'y Co	4 8½	12.00	62	61.88															
119	Cornwall R. R. Co	4 8½	3.09	58	9.62	66	1871	111 50	1878	42 00	60 00	1864	169 00	1875	45 50					6
120	Crown Point Iron Co	3 0	1.00	45	15.00	45	1878	45 00	1878	45 00		1873	85 00	1873	85 00					
121	Cumberland and Maurice River R. R. Co	4 8½			21.39	45														
122	Cumberland and Pennsylvania R. R. Co	4 8½	34.93	60	31.57	60	1869	150 00	1877	46 00	64 00	1867	90 00							
123	Cumberland Valley R. R. Co	4 9	55.00	56	34.39	53	1868	120 00	1879	41 00	62 00	1872	90 00		40 00	42 00				12
124	Dayton and Michigan R. R. Co	4 9	60.00	60	106.90	60														
125	Dayton and South Eastern R. R. Co	3 0			117.00	35														
126	Dayton and Union R. R. Co	4 10			33.53															
127	Dayton and Western R. R. Co	4 9			39.73															
128	Dayton, Xenia, and Belpre R. R. Co	4 9			17.50															
129	Delaware R. R. Co	4 8½	14.91	57	102.30	53	1878	45 25	1879	42 00	61 00	1864	130 00	1877	33 00	47 00				7
130	Delaware Bay and Cape May R. R. Co	4 8½			3.00	40	1879	35 00	1879	35 00										
131	Delaware and Bound Brook R. R. Co	4 8½	50.18	67	15.13	58														
132	Delaware and Chesapeake Rw'y Co	4 8½			57.62						59 00					47 00				
133	Delaware and Hudson Canal Co	4 8½	47.89	59	33.73	56	1870	115 00	1878	40 00	60 00	1870	115 00	1878	40 00	60 00		15		2
134	Delaware, Lackawanna, and Western R. R. Co	4 8½	276.25	64	168.00	65	1866	125 00	1878	40 00	48 25	1866	96 00	1878	37 00					10
135	Delaware River R. R. Co	4 9			21.00	50						1873	55 00	1873	55 00					
136	Delaware Western R. R. Co	4 8½	0.68	56	23.87	56	1879	43 75	1879	43 75	65 00	1871	80 00	1871	80 00	47 00				
137	Detroit and Bay City R. R. Co	4 8½	48.50	56	112.49	56	1878													
138	Detroit, Grand Haven, and Milwaukee Rw'y Co	4 8½	180.00	57½	44.05	60	1873	125 00	1879	47 50	65 00	1867	90 00	1874	60 00				20	10
139	Detroit, Hillsdale, and South Western R. R. Co	4 8½			68.20														16	
140	Detroit, Lansing, and Northern R. R. Co	4 8½	127.00	58	121.41	55	1876	80 00	1879	50 00	60 00	1875	80 00	1879	42 00	50 00		15		6

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA.

CROSS-TIES.													FENCE-POSTS.												
Laid during year.			Average life.										Used during year.			Average life.									
			Years.													Years.									
Number.	Average cost per tie (cents).	Kind of wood preferred.	Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).	Kind of wood preferred.	Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
1,848	49																							71
7,591	49																							72
																								73
																								74
21,493	30	White oak								9			161	8			10							75
30,948	33½	White oak	8							8					White oak						11	11		76
23,444	48	....do											3,000	10										77
180,000	30	....do								7			40,000	8	Cedar		9							78
8,000																								79
139,097	18⅓	White oak					5			8			69,096	3½	Cedar							8		80
																								81
																								82
28,000	38	White oak	7							7														83
39,600	38	....do	7							7														84
62,843	35	....do								6														85
																								86
	25	White oak			4					6														87
15,000	38	....do	7							7														88
																								89
																								90
																								91
																								92
40,000	25	White oak								8			64,000	6	White oak							1		93
																								94
																								95
206,596	38	White oak	8							8			19,652		Cedar		18							96
																								97
																								98
																								99
																								100
110,379	52	White oak								8					White cedar									101
75,000	40	....do								6			36,680	9	Locust			8						102
2,765	42	....do			8			8		8			1,735	15	Chestnut			12						103
3,134	50	....do			6					8														104
																								105
2,200	42	White oak			5	10				10														106
																								107
40,000	30	White oak								6			1,500	10	Locust			9						108
2,393	58																							109
50,000	20	White oak																						110
																								111
18,723	30	White oak											275	12	Cedar									112
																								113
																								114
	66	White oak								7				15	Chestnut									115
95,000	23	White oak											7,480	12	White oak									116
	30																							117
		White oak													White oak									118
3,334	42½	....do						12		12														119
15,000	15	....do					5						100	10	Cedar		8							120
																								121
16,000	40	White oak						6		7	(a)													122
53,000	54	....do			8					8	(b)													123
56,000	38	....do	7							7														124
	20	....do													Chestnut									125
																								126
																								127
																								128
38,540	40	White oak	6		6			6		7	(c)		1,630	20	White oak			8				10		129
																								130
11,396	73																							131
15,000	33	White oak			5					5	(e)		1,500	12½				5				5		132
115,000	40	....do			5					8			4,000	10	Chestnut			10						133
190,145	39	....do			7					8			500	40	.. do			7				7		134
1,000	60	....do									(d)													135
5,000	46	White oak			7					7			100	35	Chestnut									136
62,365	20	....do					6			10			9,000	7	Round cedar		20					8		137
169,188	20	....do					5			8			17,332	13	Cedar		14							138
28,926	36	....do								7					....do									139
55,000	28	....do					5			8			43,696	6	... do		10							140

a Locust, 9 years. *b* Walnut, 10 years. *c* Red oak, 3 to 6 years. *d* Spruce pine, 4 to 5 years.

TABLE IX.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.															
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
141	Detroit, Monroe, and Toledo R. R. Co	4 8½	43.12	60	30.88							1872	$86 00					
142	Dillsburg and Mechanicsburg R. R. Co	4 9			8.60	56												
143	Dorchester and Delaware R. R. Co	4 8½			25.50							1869						
144	Dunkirk, Allegheny Valley, and Pittsburgh R. R. Co	4 8½	48.80	60	54.80	56	1874	$90 00	1877	$45 50	$62 00	1870	85 00					
145	East Brandywine and Waynesburg R. R. Co	4 9			29.81													
146	East Broad Top R. R. and Coal Co	3 0			36.01													
147	East Mahanoy R. R. Co	4 8½			14.87	62						1871	85 00	1879	$35 00	$48 00		5
148	East Pennsylvania R. R. Co	4 8½			71.65	52						1865	85 00	1879	32 00	48 00		
149	Eastern Ohio R. R. Co	4 8½			7.80	45												
150	Eastern Shore R. R. Co	4 8½	8.00	50	32.00		1877											
151	Easton and Amboy R. R. Co	4 8½	120.00	62	55.95	62												
152	Ebensburg and Cresson R. R. Co	4 9	1.07	60	11.26	56												
153	Edgewood R. R. Co	4 9			1.33	56						1874	75 00	1874	58 00			7
154	Eel River R. R. Co	4 8½	2.00		99.25													
155	Elmira, Jefferson, and Canandaigua R. R. Co	4 9	40.87	60	16.35	62	1875	69 41	1878	40 86	49 71							4
156	Elmira State Line R. R. Co	6 0 4 8½			10.27													
157	Elmira and Williamsport R. R. Co	4 9	62.64	60	37.69	62	1875	69 41	1878	40 86	49 71							4
158	Emlenton, Shippenville, and Clarion Rw'y Co	3 0			32.10													
159	Emmittsburg R. R. Co	4 8½			7.00													
160	Erie and Genesee Valley R. R. Co	4 8½			13.54	56						1871	65 00					
161	Erie International Rw'y Co	4 8½	4.00	63	2.37													
162	Erie and Pittsburgh R. R. Co	4 9	15.90		95.08													
163	Evansville and Terre Haute R. R. Co	4 9	72.00	53	89.63	56	1875		1877	45 50	64 75							8
164	Evansville, Terre Haute, and Chicago Rw'y Co	4 8½	20.50		35.69													
165	Evergreen Rw'y Co	3 0			3.11	42							75 00	1880	52 00			
166	Fairland, Franklin, and Martinsville R. R. Co	4 8½			40.62													
167	Fall Brook Coal Co	4 8½			7.09													
168	Fayette County R. R. Co	4 8½			13.60	51												
169	Ferro Monte R. R. Co	4 8½			1.00													
170	Flemington R. R. and Transportation Co	4 9			12.53	56						1854	70 00					9
171	Flint and Père Marquette Rw'y Co	4 8½	190.23	56	172.40	58												
172	Florence Branch R. R. Co	4 9			2.40													
173	Flushing, North Shore, and Central R. R. Co	4 8½	16.70		23.30													
174	Fonda, Johnstown, and Gloversville R. R. Co	4 8½	3.00	56	8.00						60 00							
175	Fort Wayne and Jackson R. R. Co	4 8½	36.00	53	74.00	56	1876	49 00	1876	49 00	65 00							12
176	Fort Wayne, Muncie, and Cincinnati R. R. Co	4 8½	1.75	56	108.93													
177	Foxburg, Saint Petersburg, and Clarion R. R. Co	3 0			14.70													
178	Frankford and Holmesburg R. R. Co	4 9	0.45	56	4.50	56												
179	Frankfort and Kokomo R. R. Co	4 8½			26.14													
180	Franklin R. R. Co	4 9			15.58	53												
181	Frederick and Pennsylvania Line R. R. Co	4 9	0.75	58	27.91	58	1880	49 15	1880	49 15	49 15	1872	80 00	1877	35 15			8
182	Freehold and Jamesburg Agricultural R. R. Co	4 9	13.89		18.46													
183	Freehold and New York Rw'y Co	4 8½			14.94	53												
184	Garnerville R. R. Co	6 0			1.06	60						1875	48 00	1875	48 00			
185	Geneva, Ithaca, and Sayre R. R. Co	4 8½	35.41	58	97.59	57	1877	42 75	1877	42 75	62 75	1877	42 50	1877	40 00			4
186	Geneva and Lyons R. R. Co	4 8½	14.00	65	5.69	65												
187	Glendale and East River R. R. Co	3 0	5.40	40														
188	Glens Falls R. R. Co	4 8½	0.17		7.24	56												
189	Gloversville and Northville R. R. Co	4 8½			16.67													
190	Goshen and Deckertown Rw'y Co	6 0			12.93	53												
191	Grand Haven R. R. Co	4 8½	1.30	52	60.90		1879	45 00		45 00								
192	Grand Rapids and Indiana R. R. Co	4 9	115.00	56	266.74	56	1876	57 00	1880	48 00	48 00	1874	35 00	1876	17 50	25 00		5
193	Grand Rapids, Newaygo, and Lake Shore R. R. Co	4 8½	6.00	52	45.21	53	1875	78 00	1878	47 00	65 60	1872	79 50	1875	54 50			8
194	Grand River Valley R. R. Co	4 8½	40.57	60	52.72		1870										15	7
195	Greene R. R. Co	4 8½	6.85	64	1.82	55												
196	Greenlick N. G. Rw'y Co	3 0			3.50	27						1874	60 00	1880	58 00	58 00		6
197	Greenwich and Johnsonville Rw'y Co	4 8½	2.00	56	14.00	50	1879	50 40	1879	50 40	65 40							
198	Hackensack R. R. Co	6 0			6.75													
199	Hanover Junction, Hanover, and Gettysburg R. R. Co	4 8½	2.20	56	30.54	53	1869	115 00	1878	48 00	60 00	1867	81 50	1879	34 50	45 00	20	6
200	Hanover and York R. R. Co	4 9	1.26	60	17.85	58	1880	49 15	1880	49 15	49 15	1874	62 00	1877	35 15			5
201	Harlem Extension R. R. Co	4 8½			60.25	56												
202	Harlem River and Port Chester R. R. Co	4 8½	23.10		6.57													
203	Harrisburg, Portsmouth, Mount Joy, and Lancaster R. R. Co	4 9	53.67	67	45.03													
204	Harrisburg and Potomac R. R. Co	4 8½			28.13	56							88 00		31 50	48 00		
205	Harrison Branch R. R. Co	4 8½			8.34	56												
206	Hecla and Torch Lake R. R. Co	4 1	4.50	46	0.17	45	1873	125 00			80 00	1867	70 00	1871	62 00			4
207	Hibernia Mine R. R. Co	4 8½			7.00	50												
208	Hibernia Underground R. R. Co	2 9			1.00	30						1878	52 00	1878	52 00			
209	High Bridge R. R. Co	4 8½			20.02													
210	Hobart and Manistee River R. R. Co	3 0			12.00	30						1879	40 00	1879	40 00	60 00		

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.												FENCE-POSTS.											
Laid during year.			Average life.									Used during year.			Average life.								
			Years.												Years.								
Number.	Average cost per tie (cents).	Kind of wood preferred.	Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.	Number.	Average cost per post (cents).	Kind of wood preferred.	Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
																							141
	50	White oak																					142
5,000	32	....do								8	(a)												143
25,000	45	....do								6		4,000	12	Chestnut			3						144
5,152	61	....do																					145
18,500	22	White oak						6		6													146
3,100	45	....do			6					8													147
13,816	50	....do			6					8													148
																							149
10,000	35	White oak																					150
																							151
1,736	55	White oak								7													152
796	58	....do						8		8													153
																							154
25,601	45	White oak								8		2,420	8	Chestnut									155
500	20	White oak			7		5			10				Cedar									156
33,661	40	....do								8		4,421	8	Chestnut									157
																							158
																							159
																							160
																							161
																							162
60,000	35	White oak								8		15,000	15	Catalpa								7	163
																							164
1,500	25	White oak								8													165
																							166
																							167
																							168
																							169
4,790	58	White oak			7			7		7		268	20	Chestnut									170
171,048																							171
																							172
																							173
3,000	38	White oak											12	Cedar				6					174
30,000	40	....do								10		5,000	10	....do		15						10	175
34,560	33									8													176
																							177
1,052	66																						178
																							179
																							180
12,000	42	White oak			5	10				10													181
18,321	68	....do																					182
2,500	45	....do																					183
2,800	60	....do			7					7		500	16	Locust			10						184
51,629	35	....do			5		5			5	(b)	9,933	6½	White oak			8					8	185
																							186
																							187
																							188
																							189
														Chestnut									190
19,388	15	White oak										17,112	5	Cherry									191
175,175	13¼	....do		6			5			8		5,000	3	Cedar		20							192
25,000	20	....do					5			9		1,500	6	....do								8	193
22,418	30	....do								7		1,764	5	....do		11							194
																							195
1,000	20	White oak			3			3		6													196
6,000	28	Chestnut			8							3,000	5	Chestnut			8						197
																							198
6,790	37½	White oak				6				8													199
6,000	42	....do			5	10				10													200
14,000	26	Cherry birch			7					5	(c)	2,000	4	Chestnut			5						201
																							202
																							203
6,000	50	White oak			6					8													204
1,444	35	....do								6													205
3,000	45	White oak		9			5		4	9	(d)			Cedar									206
1,000	50	Chestnut			12					10													207
1,000	12½	....do																					208
																							209
45,760	5																						210

a Spruce pine, 4 to 5 years. b Red oak, 3 to 6 years. c Cherry birch, 7 years. d Black ash, 8 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS. In present track. Steel. Miles.	Steel. Weight, pounds per yard.	Iron. Miles.	Iron. Weight, pounds per yard.	Steel. First laid. Year.	Steel. First laid. Cost per ton delivered.	Steel. Lowest price paid. Year.	Steel. Lowest price paid. Per ton delivered.	Steel. Present cost per ton delivered.	Iron. Highest price paid. Year.	Iron. Highest price paid. Per ton delivered.	Iron. Lowest price paid. Year.	Iron. Lowest price paid. Per ton delivered.	Iron. Present cost per ton delivered.	Average life. Years. Steel.	Average life. Years. Iron.
211	Hoboken Land and Improvement Co	6 0 / 4 8½	0.50	63	11.74		1879											
212	Huntingdon and Broad Top Mountain R. R. and Coal Co	4 8½	11.85	58	66.07	58	1871	$102 50	1879	$43 17	$66 10	1873	$85 00	1877	$34 00	$69 61		8
213	Indiana Block Coal R. R. Co	4 8½			14.00													
214	Indianapolis, Decatur, and Springfield Rw'y Co	4 9	75.00	58	92.00	58	1876	67 50	1879	64 00	65 00	1872	98 00	1880	50 00			
215	Indianapolis, Delphi, and Chicago R. R. Co	3 0			39.55													
216	Indianapolis, Peru, and Chicago Rw'y Co	4 8½	12.00	56	72.59	60	1880	67 50			67 50	1865	98 00	1879	35 00	53 00		7
217	Indianapolis and Saint Louis R. R. Co	4 8½	24.00	56	59.40	60	1873	88 00	1878	47 50	66 00	1870	90 00	1879	38 00	48 00		6
218	Indianapolis and Vincennes R. R. Co	4 9			122.09													
219	Iron R. R. Co	4 10	0.50	60	18.75	60	1880	50 00				1873	85 00	1879	37 00	53 00		10
220	Ironton R. R. Co	4 8½			14.00	53						1880	65 00	1879	35 00	65 00		14
221	Ithaca, Auburn, and Western Rw'y Co	4 8½			27.95	56												
222	Jackson, Lansing, and Saginaw R. R. Co	4 8½	11.50	60	263.16													
223	Jamestown and Franklin R. R. Co	4 8½	13.42	60	55.99													
224	Jefferson R. R. Co	6 0 / 4 8½	7.52	63	53.95	60												
225	Jeffersonville, Madison, and Indianapolis R. R. Co	4 9	45.00	58	170.08	58	1868	130 00	1878	43 25	58 25	1872	90 00	1878	40 00		18	7
226	Jerome Park Rw'y Co	4 8½			1.67	53												
227	Jersey City and Albany Rw'y Co	4 8½			27.20													
228	Junction R. R. Co	4 8½	5.00	67	3.90													
229	Junction and Breakwater R. R. Co	4 8½			49.00	50												
230	Kalamazoo, Allegan, and Grand Rapids R. R. Co	4 8½	1.31	60	66.39													
231	Kalamazoo and South Haven R. R. Co	4 8½			43.28													15
232	Kalamazoo and White Pigeon R. R. Co	4 8½	1.10	60	40.26													
233	Karns City and Butler R. R. Co	3 0			17.66													
234	Kendall and Eldred R. R. Co	3 0	2.00	30	15.00	35												
235	Kent County R. R. Co	4 8½			26.12	45						1870	60 00					
236	Keystone Coal Co	3 0	2.50	40	3.50	30	1879	65.00	1879	64 50	66 00	1873	96 00					
237	Kingan R. R	4 8½	0.88															
238	Kings County Central R. R. Co	3 0			3.25													
239	Lake Champlain and Moriah R. R. Co	4 8½	11.70	60			1872	110 00	1877	43 00								3
240	Lake Erie, Evansville, and South Western Rw'y Co	4 9	0.25	56	17.50	52	1878	42 00	1878	40 00	60 00	1873	90 00	1873	90 00	42 00		
241	Lake Erie and Louisville R. R. Co	4 9			21.66	56												
242	Lake Erie and Western Rw'y Co	4 8½	52.00	56	345.07	56	1878											8
243	Lake George and Muskegon River R. R. Co	4 8½			19.63	25						1879	47 00	1878	40 00	54 00		3
244	Lake Ontario Southern Rw'y Co	4 8½			37.60	56										50 00		
245	Lake Shore and Michigan Southern Rw'y Co	4 8½	1,000.12	63	511.66	53	1868	145 00	1878	43 50	60 00	1865	128 81	1878	19 00			
246	Lancaster and Reading N. G. R. R. Co	4 8½			16.88													
247	Lawrence R. R. Co	4 9	4.63		20.86													
248	Lehigh Coal and Navigation Company	4 8½	193.00	61	96.90													
249	Lehigh and Lackawanna R. R. Co	4 8½			27.00	50												
250	Lehigh Valley R. R. Co	4 8½	276.93	62	234.84	62	1864											
251	Lewisburg Bridge Co	4 9			24													
252	Lewisburg and Tyrone R. R. Co	4 9			45.83	53												
253	Lewistown and Tuscarora Bridge Co	4 9			0.11													
254	Ligonier Valley R. R. Co	3 0	0.25	30	12.75	35	1878					1878	45 00	1877	35 00			
255	Little Miami R. R. Co	4 9	50.00	60	74.63													
256	Little Saw Mill Run R. R. Co	4 8½ / 3 0	3.00	54	2.89	56	1877	47 50	1878	40 00	56 00	1872	90 00	1876	40 00	50 00		
257	Little Schuylkill Navigation R. R. and Coal Co	4 8½			51.90	64												
258	Littles Town R. R. Co	4 9	1.23	58	8.81	58	1880	49 15	1880	49 15	49 15	1870	62 00	1877	35 15			20
259	Lockport and Buffalo Rw'y Co	4 8½			15.14													
260	Long Branch and Sea Girt R. R. Co	4 8½			5.70													
261	Long Branch and Sea Shore R. R. Co	4 8½			15.70													
262	Long Island R. R. Co	4 8½	27.45	64	155.12													
263	Longwood Valley R. R. Co	4 8½			16.06													
264	Louisville, New Albany, and Chicago Rw'y Co	4 8½	57.00	56	251.77	56	1880	79 75			64 75							
265	Louisville, New Albany, and Saint Louis Rw'y Co	4 8½	3.00	50	43.00	56	1879	65 00	1879	65 00		1871	90 00	1879	45 00			
266	Lykens Valley R. R. and Coal Co	4 9	7.88	60	18.18	55	1873	81 10	1879	41 44		1872	84 08	1875	49 10			8
267	McKean and Buffalo R. R. Co	4 8½	22.15	62	4.65	56	1875											
268	Mahoning Coal R. R. Co	4 8½			51.82													
269	Marietta and Cincinnati R. R. Co	4 8½	89.00	60	246.30	60	1876	110 00	1879	47 00	61 00	1880	65 00	1878	35 00			6
270	Maine Rw'y Co	3 0	2.50															
271	Marquette, Houghton, and Ontonagon R. R. Co	4 8½	23.60	60	86.44	59	1875	80 00	1879	45 50	62 00	1873	86 50					4
272	Massillon and Cleveland R. R. Co	4 9			14.26													
273	May's Landing and Egg Harbor City R. R. Co	4 8½			7.60	55												
274	Menominee River R. R. Co	4 8½			25.52	55												
275	Metropolitan Elevated Rw'y Co	4 8½	39.59	54														

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.													FENCE-POSTS.												
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.									
			Years.													Years.									
Number.	Average cost per tie (cents).		Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).		Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
												211												211
15,518	35	White oak						7		*8		212												212
												213												213
40,000	35		8							8		214	66,000	14										214
												215												215
32,832	28	White oak	8							8		216			White oak						11	11		216
23,000	36	do								7		217	1,500	8	Catalpa									217
												218												218
5,000	37½	White oak								8		219												219
5,272	50	do			6					6		220												220
700	23	Chestnut			9		5			9		221	100	7	Cedar			8						221
99,310	25 6/10	White oak					5			7		222	8,723	5	do		11							222
												223												223
												224												224
96,712	29	White oak								7		225										6		225
												226												226
												227												227
												228												228
												229												229
												230												230
9,883	35⅔	White oak								7		231	6,650	5	Cedar		11							231
												232												232
												233												233
												234												234
												235												235
2,500	20	White oak					8	7		7		236												236
												237												237
												238												238
6,000	30	White oak					4					239	400	10	Cedar		12							239
7,000	23	do								8		240												240
11,571	29	White oak								7		241												241
	35	do								8		242	13,000	9	White oak							8		242
27,200	10	do										243												243
12,000	25	Cedar		7			5			10		244	1,000	14	Chestnut		10	10						244
581,774	43 7/10	White oak								9		245	31,394	10 8/10			10	10						245
												246												246
												247												247
												248												248
												249												249
273,520		White oak										250												250
												251												251
3,640	45	White oak										252												252
												253												253
		White oak										254												254
												255												255
125	38½	White oak										256												256
												257												257
2,000	42	White oak			5	10				10		258												258
												259												259
												260												260
												261												261
												262												262
												263												263
107,000	35	Black locust								8		264					12				18	8		264
14,120	25	White oak								7		265												265
9,467	50	White oak						6		7		266												266
7,000	15	do					5			8		267			White oak									267
												268												268
150,000	30	White oak								7		269												269
												270												270
65,000	20	White oak					6		6			271			Cedar		14							271
												272												272
												273												273
												274												274
												275												275

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS. In present track. Steel. Miles.	Steel. Weight, pounds per yard.	Iron. Miles.	Iron. Weight, pounds per yard.	Steel. First laid. Year.	Steel. First laid. Cost per ton delivered.	Steel. Lowest price paid. Year.	Steel. Lowest price paid. Per ton delivered.	Steel. Present cost per ton delivered.	Iron. Highest price paid. Year.	Iron. Highest price paid. Per ton delivered.	Iron. Lowest price paid. Year.	Iron. Lowest price paid. Per ton delivered.	Iron. Present cost per ton delivered.	Average life. Years. Steel.	Average life. Years. Iron.
276	Michigan Air-Line R. R. Co	4 8½	103.60	60	23.95	....	1875		....			....		....			15	12
277	Michigan Air-Line Rw'y Co	4 8½	....	....	28.90	....	....		....			....		....			....	....
278	Michigan Central R. R. Co	4 8½	347.83	60	159.20	60	1870	$107 50	1877	$50 00	$62 50	....		....			10	4
279	Michigan City and Indianapolis R. R. Co	4 8½	....	....	17.81	60	....		....			1870	$73 00	1879	$35 00	$53 00	....	9
280	Michigan Midland and Canada Rw'y Co	4 8½	....	....	15.81	56	....		....			....		....			....	....
281	Middleburgh and Schoharie R. R. Co	4 8½	0.60	56	6.15	45	1879		....			....		....			....	....
282	Middletown and Crawford R. R. Co	4 8½	....	....	10.67	50	....		....			....		....		50 00	....	....
283	Middletown, Unionville, and Water Gap R. R. Co	4 9	....	....	14.36	56	....		....			....		....			....	....
284	Midland R. R. Co. of New Jersey	4 9	9.00	....	73.14	....	....		....			....		....			....	....
285	Mifflin and Centre County R. R. Co	4 9	0.76	61	16.35	54	1877	50 00	1879	41 00	49 00	....		....			....	....
286	Mill Creek and Mine Hill Navigation and R. R. Co	4 8½	0.63	68	24.54	60	1872		....			1865	85 00	1879	32 00	48 00	....	....
287	Millstone and New Brunswick R. R. Co	4 9	0.05	56	6.81	56	....		....			....		....			....	....
288	Mine Hill and Schuylkill Haven R. R. Co	4 8½	5.00	68	127.80	68	1866	200 00	1877	40 00	65 00	1864	130 00	....			10	2
289	Mineral Range R. R. Co	3 0	0.64	50	13.60	35	1879	49 25	1879	49 25	68 00	1873	100 00	1879	41 25	60 00	....	8
290	Mont Alto R. R. Co	4 9	....	....	19.20	53	....		....			....		....			....	....
291	Montgomery and Erie Rw'y Co	6 0	....	....	11.99	56	....		....			....		....			....	....
292	Montour R. R. Co	4 8½	9.00	51	4.00	52	1879	44 00	1879	44 00	60 00	1879	....	....			....	....
293	Montrose Rw'y Co	3 0	....	....	28.18	40	....		....			1872	73 50	1872	73 50	49 00	....	....
294	Morris and Essex Rw'y Co	4 8½	197.53	64	129.16	58	1870	103 50	1878	40 00	48 25	1870	90 00	1878	57 00	....	....	10
295	Mount Carbon and Port Carbon R. R. Co	4 8½	0.40	68	18.01	66	1872	85 00	1879	60 00	60 00	1865	85 00	1879	32 00	48 00	....	....
296	Mount Gilead Short Line Rw'y Co	4 8½	....	....	2.26	48	....		....			1880	46 00	1879	38 75	....	....	....
297	Mount Holly, Lumberton, and Medford R. R. Co	4 9	0.02	....	6.86	....	....		....		60 00	....		....			....	....
298	Mount Hope Mineral R. R. Co	4 8½	1.14	56	3.36	53	1877		....			....		....			....	....
299	Mount Pleasant and Broad Ford R. R. Co	4 8½	0.63	60	10.97	....	1880		....			....		....			....	....
300	Muncy Creek Rw'y Co	4 8½	....	....	6.50	....	....		....			....		....			....	....
301	Muskegon River and Rose Lake R. R. Co	3 0	....	....	8.50	25	....		....			1880	85 00	....		45 00	....	4½
302	Nesquehoning Valley R. R. Co	4 8½	....	....	28.42	....	....		....			....		....			....	....
303	Newark and Bloomfield R. R. Co	4 8½	5.19	64	....	....	1872	103 50	1879	40 00	47 25	....		....			....	....
304	Newark and Delaware City R. R. Co	4 8½	....	....	20.24	56	....		....			....		....			....	....
305	Newark and Hudson R. R. Co	6 0	3.00	....	6.79	....	....		....			....		....			....	....
306	Newark, Somerset, and Straitsville R. R. Co	4 8½	....	....	48.11	60	....		....			1874	93 00	1878	34 00	65 60	....	7
307	Newburgh, Dutchess, and Connecticut R. R. Co	4 8½	9.35	60	57 85	56	1876	38 50	1876	38 50	56 00	1868	83 00	1869	78 00	45 00	....	16
308	Newburgh and New York R. R. Co	6 0	....	....	14 28	....	....		....			....		....			....	....
309	New Castle R. R. and Mining Co	3 6	....	....	7.00	35	....		....			1867	85 00	....			....	....
310	New Castle and Beaver Valley R. R. Co	4 9	13.27	60	8.12	60	....		....			....		....			....	....
311	New Castle and Franklin R. R. Co	4 9	....	....	39.60	56	....		....			1873	85 00	1874	75 00	....	....	9
312	New Egypt and Farmingdale R. R. Co	4 8½	....	....	9.93	....	....		....			....		....			....	....
313	New Jersey and New York R. R. Co	6 0	....	....	34.75	....	....		....			....		....			....	....
314	New Jersey Southern Rw'y Co	4 8½	....	....	92.30	....	....		....			....		....			....	....
315	Newry R. R. Co	4 9	....	....	1.13	64	....		....			....		....			....	....
316	Newtown and Flushing R. R. Co	4 8½	....	....	3.97	....	....		....			....		....			....	....
317	New York, Bay Ridge, and Jamaica R. R. Co	3 0	16.32	45	....	....	....		....			....		....			....	....
318	New York, Boston, and Montreal Rw'y	4 8½	....	....	4.45	56	....		....			....		....			....	....
319	New York and Canada R. R. Co	4 8½	41.91	62	125.17	59	1874	116 00	1879	48 00	65 00	1875	65 00	1876	43 25	....	15	7
320	New York Central and Hudson River R. R. Co	4 8½	1,740.90	63	450.24	65	1866	125 00	1877	41 00	65 00	....		....		....	10	0½
321	New York Central Niagara River R. R. Co	4 8½	....	....	2.81	....	....		....			....		....			....	....
322	New York and Coney Island R. R. Co	4 8½	3.41	50	....	....	....		....			....		....			....	....
323	New York Elevated R. R. Co	4 8½	39.06	50	....	....	....		....			....		....			....	....
324	New York and Flushing R. R. Co	4 8½	2.73	56	1.87	....	....		....			....		....			....	....
325	New York and Fort Lee R. R. Co	4 8½ / 6 0	....	....	3.64	....	....		....			....		....			....	....
326	New York and Greenwood Lake Rw'y Co	4 8½	10.00	56	38.72	....	....		....			....		....			....	....
327	New York and Harlem R. R. Co	4 8½	103.00	65	91.66	65	....		....			....		....			....	....
328	New York, Lake Erie, and Western R. R. Co	6 0 / 4 8½	1,222.64	63	294.24	63	1867	160 00	1879	40 00	58 00	1864	120 00	....			....	....
329	New York and Long Beach R. R. Co	4 8½	7.12	....	0.96	....	....		....			....		....			....	....
330	New York and Long Branch R. R. Co	4 8½	....	....	31.35	....	....		....			....		....			....	....
331	New York and Manhattan Beach Rw'y Co	3 0	10.88	40	....	....	....		....			....		....			....	....
332	New York, Ontario, and Western Rw'y Co	4 8½	31.00	53	359.60	53	....		....			....		....			....	....
333	New York, Pennsylvania, and Ohio R. R. Co	4 8½ / 6 0	390.00	60	248.33	60	1872	....	1879	44 00	63 00	....		....			....	3
334	New York and Rockaway R. R. Co	4 8½	8.91	62½	3.00	....	....		....			....		....			....	....
335	New York and Sea Beach R. R. Co	4 8½	....	....	7.85	56	....		....			1879	42 00	1879	33 00	....	....	....
336	Niagara Bridge and Canandaigua R. R. Co	4 8½	42.50	....	61.46	65	....		....			....		....			....	....
337	Norristown Junction R. R. Co	4 8½	....	....	0.82	....	....		....			....		....			....	....
338	North East Pennsylvania R. R. Co	4 8½	....	....	10.21	54	....		....			....		....		47 00	....	....
339	North Pennsylvania R. R. Co	4 8½	93.38	66	78.02	60	1868	120 00	1874	50 00	59 00	1865	87 00	1878	38 00	47 00	....	....
340	Northern R. R. Co. of New Jersey	6 0	6.28	63	19.08	59	1868	....	....			....		....			12	5
341	Northern Central Rw'y Co	4 9	217.71	63	82.61	....	1872	120 00	1878	40 00	48 10	....		....			....	....
342	Northern Central Michigan R. R. Co	4 8½	....	....	66.99	....	....		....			....		....			....	....
343	Northern Coal and Iron Co	4 8½	23.96	59	4.38	56	....		....			....		....			....	....
344	Northwestern Ohio Rw'y Co	4 9	7.14	....	80.27	....	....		....			....		....			....	....
345	Nyack and Northern R. R. Co	6 0	....	....	5.65	56	....		....			....		....			....	5

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYVLANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.													FENCE-POSTS.											
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.								
			Years.													Years.								
Number.	Average cost per tie (cents).		Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).		Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
35,397	37½	White oak								7			4,699	5	Cedar		11							276
7,308	28																							277
174,246	32 6/10	White oak								7			29,489	5	Cedar		11							278
5,577	37	....do	8							8					White oak						11	11		279
		....do								8					Cedar									280
																								281
2,000	24	White oak													Cedar									282
																								283
																								284
5,564	47	White oak						9		9														285
5,331		White oak			7			7		7														286
1,923	66	....do																						287
30,000	40	....do								10														288
7,540	20	Hemlock					7																	289
																								290
																								291
2,000	35	White oak											1,600	20	Locust									292
15,000	14	Rock oak					5																	293
131,823	43½	White oak			7					7														294
4,284		....do			6			6		8														295
6,000	33⅓	White oak											800	12	Red cedar									296
3,874	58	....do																						297
2,500	40	Chestnut			6																			298
																								299
																								300
500	15	White oak								4														301
																								302
																								303
																								304
																								305
26,871	30	White oak								6			857	8	Cedar			12						306
14,368	45½	....do			8			8		8			2,462	12½	Chestnut			12						307
																								308
2,650	20	White oak								7														309
																								310
	39	White oak			7					7														311
																								312
																								313
																								314
		White oak																						315
																								316
																								317
																								318
28,205	35	White oak			7					8					Cedar									319
700,000	60	....do			6					6	{(a)} {(b)}		40,000	15	Chestnut			5						320
																								321
																								322
																								323
																								324
																								325
																								326
																								327
1,156,341	47	White oak			6		4			8					Chestnut			6						328
																								329
																								330
																								331
																								332
281,852	45	White oak								8			18,683	10	Chestnut			12					(c)	333
																								334
6,000	50	Chestnut			5					4														335
																								336
																								337
5,722	45																							338
59,096	73																							339
6,720	50	White oak			5					7														340
101,177	50	White oak																						341
																								342
																								343
																								344
1,732	57	White oak			5					7														345

a Yellow cedar, 6 years. *b* Yellow pine, 6 years. *c* Red cedar, 12 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																	
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
346	Ogden Mine R. R. Co	4 10½			13.00	60												
347	Ogdensburg and Lake Champlain R. R. Co	4 8½	56.00	56	87.73	60	1869		1877	$42 00	$64 00					$46 00		10
348	Ogdensburg and Morristown R. R. Co	4 8½			11.42	60												
349	Ohio Central R. R. Co	4 9	3.00	56	53.08	56	1879	$49 00	1879	49 00	60 00	1879	$50 00	1879	$50 00			
350	Ohio and Mississippi Rw'y Co	4 9	241.00	56	473.60	56	1875				48 00						11	4
351	Oil City and Ridgeway Rw'y and Mining Co	4 8½			6.25	55						1870	60 00			48 00		
352	Olean, Bradford, and Warren R. R. Co	3 0			14.03	40												
353	Olean, Bradford, and Warren Rw'y Co	3 0			11.93	40												
354	Oswego and Rome R. R. Co	4 8½			30.89	56						1867	67 00					
355	Oswego and Syracuse R. R. Co	4 8½	21.57	62	30.07	56	1872	103 50	1878	40 00	48 25							6
356	Painesville, Canton, and Bridgeport R. R. Co	3 0			5.00													
357	Painesville and Youngstown Rw'y Co	3 0			68.65	35						1874	85 00					
358	Parker and Karns City R. R. Co	3 0	1.50	30	10.23													
359	Passaic and Delaware R. R. Co	4 8½			14.77	56												
360	Paterson and Hudson River R. R. Co	4 8½ 6 0	45.21	63	81.68													
361	Paterson, Newark, and New York R. R. Co	4 8½ 6 0	3.00		16.33													
362	Paterson and Rumapo R. R. Co	6 0 4 8½	45.06	63	4.68													
363	Paulding and Cecil Rw'y Co	4 8½			4.50													
364	Paw Paw R. R. Co	3 0			4.25	56												
365	Peach Bottom Rw'y Co	3 0			59.50	30												
366	Pemberton and Hightstown R. R. Co	4 9	0.01	56	26.65													
367	Pemberton and Sea Shore R. R. Co	4 9	0.33	58	18.60													
368	Pennsylvania R. R. Co	4 9	847.78	61	239.69	61	1864	218 55	1879	42 00	49 00						11	5
369	Pennsylvania R. R. Co. in Maryland	4 9			7.25	56						1879	38 50	1879	36 50			
370	Pennsylvania Coal Co	6 0	12.50		11.15													
371	Pennsylvania and New York Canal and R. R. Co	4 8½	131.99	58	92.46	58	1876	68 00	1878	40 00	60 00	1868	90 00	1876	40 00			5
372	People's Rw'y Co	4 8½			3.47	45						1872	90 00	1878	40 00	46 00		
373	Perkiomen R. R. Co	4 8½			47.12	62						1879	66 00	1880	46 00	46 00		5
374	Perth Amboy and Woodbridge R. R. Co	4 9	1.79	56	5.51													
375	Philadelphia and Atlantic City Rw'y Co	3 6	50.00	40	8.50	35	1877	50 00	1877	50 00	62 00					51 00		4
376	Philadelphia and Baltimore Central R. R. Co	4 8½	17.50	55	34.50	56	1871	85 00	1879	41 00	60 00		80 00		40 00	48 00		10
377	Philadelphia and Erie R. R. Co	4 9	296.30	61	137.48	59	1868	118 00	1878	40 00	49 10	1869	76 00	1877	35 00		11	6
378	Philadelphia, Germantown, and Norristown R. R. Co	4 8½	3.50		55.83	58												
379	Philadelphia, Newtown, and New York R. R. Co	4 8½			23.10	56								1880	23 50			
380	Philadelphia and Reading R. R. Co	4 8½	245.50	67	553.18	66	1865										12	2
381	Philadelphia and Trenton R. R. Co	4 9	52.88	62	20.41	56	1868	150 00	1879	41 10	49 10	1864	153 75	1878	30 00	53 00	9	4
382	Philadelphia, Wilmington, and Baltimore R. R. Co	4 9	187.03	59	74.23		1864	294 00	1878	44 50	60 30	1865	90 00	1879	67 00	47 00		
383	Pickering Valley R. R. Co	4 8½			12.00	62						1873	80 00	1879	35 00	47 00		
384	Pinconning R. R. Co	4 8½			24.08	35						1873	75 00	1878	36 35			
385	Pittsburgh and Castle Shannon R. R. Co	3 4	1.00		7.00													
386	Pittsburgh, Cincinnati, and Saint Louis Rw'y Co	4 9	192.79	65	42.40		1874	78 00	1877	41 00	45 00							
387	Pittsburgh and Connellsville R. R. Co	4 8½	90.00	60	93.08	64	1876		1879	41 00	58 00					45 00		
388	Pittsburgh, Fort Wayne, and Chicago Rw'y Co	4 9	508.66	63	173.74	60	1867	115 00	1878	42 00	50 00	1871	77 50	1878	35 00	43 00	9	
389	Pittsburgh and Lake Erie R. R. Co	4 8½	87.37	60			1878	42 50	1878	42 50	65 00							
390	Pittsburgh Southern Rw'y Co	3 0			36.37	40						1878						
391	Pittsburgh, Titusville, and Buffalo Rw'y Co	4 8½	37.80	57	151.69	58	1872	128 00	1877	45 00	60 00	1873	83 00	1877	37 00	48 50	10	4
392	Pittsburgh, Virginia, and Charleston Rw'y Co	4 9	15.10	60	20.71	61	1874	75 00	1878	50 00		1871	78 00	1878	33 00			
393	Pittsburgh and Western R. R. Co	3 0			49.00	35						1879	46 00	1878	36 00	50 00		
394	Plattsburgh and Dannemora R. R.	3 0			16.27	67												
395	Plymouth R. R. Co	4 8½			11.62	57												
396	Pomeroy and State Line R. R. Co	4 9			23.03													
397	Port Huron and Northwestern Rw'y Co	3 0			38.50	30						1880	65 00	1879	37 50			
398	Port Jervis and Monticello R. R. Co	6 0			24.75													
399	Poughkeepsie, Hartford, and Boston R. R. Co	4 8½	1.25	52	43.65	56	1877	51 00	1877	51 00	60 00	1869	82 00			45 00		
400	Prospect Park and Coney Island R. R. Co	4 8½	7.62	50	10.01	41	1875	81 00				1875	55 00					
401	Queen Anne and Kent R. R. Co	4 8½			26.00													
402	Reading and Columbia R. R. Co	4 8½			59.98	62						1880	55 00	1879	35 35	50 00		
403	Reading and Lehigh R. R. Co	4 8½			44.20													
404	Rensselaer and Saratoga R. R. Co	4 8½	63.95	62	79.63	59	1870	120 00	1879	48 00	65 00			1876	43 25		15	6
405	Rhinebeck and Connecticut R. R. Co	4 8½			38.20	56						1873	82 00	1875	56 00			
406	Richmond and Miami Rw'y Co	4 8½			8.15													
407	Rochester and Genesee Valley R. R. Co	6 0			25.00													
408	Rochester and Lake Ontario Rw'y Co	4 8½			6.64	40												
409	Rochester and State Line Rw'y Co	4 8½	10.25	56	107.74	56	1880	58 00	1880	58 00	63 00	1879	56 00	1879	38 50	50 00		
410	Rocky Hill R. R. and Transportation Co	4 9	0.02	56	6.91							1873	80 00	1877	47 00	48 50		5

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.																				FENCE-POSTS.															
Laid during year.			Average life.																	Used during year.			Average life.												
			Years.																				Years.												
Number.	Average cost per tie (cents).	Kind of wood preferred.	Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.									Number.	Average cost per post (cents).	Kind of wood preferred.	Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.						
2,500	50	Chestnut			12					10																									346
30,000	22	Tamarack					5		9											1,500	10	Cedar		20											347
																																			348
143,000																					11½	Locust													349
243,965	30	White oak								7										21,000	10	Cedar			7										350
600	13	White oak			5																														351
																																			352
																																			353
																																			354
33,786	27	White oak		12	8		6		7	10	(a) (b) (c)									967	7½	Cedar		10											355
																																			356
8,000	20	White oak								8										200	8								6						357
																																			358
																																			359
																																			360
																																			361
																																			362
																																			363
1,659																				110	6½	Cedar													364
																																			365
11,817	58	White oak								7																									366
3,902	45	....do																																	367
509,843	50	....do						8		8																									368
16,500	35	....do																				Locust													369
																																			370
70,802	40	White oak			5					5	(d)																								371
2,000	25	....do																																	372
4,000	70	....do	3					3		6	(d)																								373
1,891	66	.. do																																	374
5,691	40	.. do									(a)																								375
20,000	60	White oak								9																									376
97,842	45	.. do								6												Chestnut													377
																																			378
1,546	40	White oak																																	379
		.. do								7																									380
	66	White oak								7											15	Chestnut													381
77,602	42	....do			8					8										4,946	29½	Cedar													382
4,200	40																																		383
	11	White oak																																	384
																																			385
	52	White oak								7												White cedar													386
7,600	30	....do			4					7																									387
357,589	45									6											12	Chestnut			16										388
	50	White oak																		2,000	30	Locust													389
500	20	....do																				....do													390
36,793	35	White oak			8		4			8	(e)											Locust			10										391
		....do								7																									392
30,000	25	....do																				Locust													393
22,790	8																					Cedar													394
																																			395
		White oak																																	396
105,000	11	....do																		10,880	05	White cedar													397
																																			398
8,000	45	White oak			8					8										500	13	Chestnut			6										399
2,000	50	....do			7																														400
																																			401
35,128	54	White oak																																	402
																																			403
119,937	35	White oak			7					7																									404
14,193	36	....do			5					5												Chestnut													405
																																			406
																																			407
17,500	31	White oak																				Chestnut													408
60,000	30	....do			6		4			8										500	8	White oak			7				8						409
2,205	66	... do																																	410

a White pine, 3 to 6 years. *b* Ash, 5 years. *c* Soft maple, 5 years. *d* Red oak. *e* Cherry, 8 years

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
411	Rocky River R. R. Co	4 8			5.80	30						1868						
412	Rome and Clinton R. R. Co	4 8½			13.98													
413	Rome, Watertown, and Ogdensburg R. R. Co	4 8½	47.50	55	388.86	56	1874	$75 00	1879	$45 00	$61 00	1870	$75 00	1879	$30 00	$42 50		6
414	Saginaw and Clare County R. R. Co	4 8½			29.87													
415	Saginaw and Grand Rapids R. R. Co	4 8½	3.60															
416	Saginaw and Mount Pleasant R. R. Co	3 0	15.02	35	0.97													
417	Saginaw Valley and Saint Louis R. R. Co	4 8½			31.80	50						1872						
418	Saint Clairsville Rw'y Co	3 0			7.00	30						1876	42 00	1876	42 00			
419	Salem R. R. Co	4 9			23.36													
420	Salisbury R. R. Co	4 8½			12.20	50						1875	52 00	1876	45 00	55 00		5
421	Sandusky, Mansfield, and Newark R. R. Co	4 8½	46.00	60	89.93	64	1879	62 00			60 00	1872	86 00	1878	36 00			
422	Saratoga and Schenectady R. R. Co	4 8½	31.41	62	2.68	59												
423	Schenectady and Duanesburg R. R. Co	4 8½	7.99		7.30	56												
424	Schoharie Valley Rw'y Co	4 8½	2.25		2.13	58	1875	60 00	1875	61 00	60 00	1866	70 00					
425	Schuylkill Valley Navigation and R. R. Co	4 8½			27.49	66						1865	85 00	1879	32 00	48 00	10	
426	Scioto Valley Rw'y Co	4 9			103.23	53										50 00		
427	Shamokin Valley and Pottsville R. R. Co	4 9	17.12	60	26.21	60	1876	73 00	1878	40 00	48 10	1876		1878				5
428	Sharon Rw'y Co	{3 0 / 4 9			13.50													
429	Sharpsville R. R. Co	4 9			17.36	56												
430	Shelby and Rush R. R. Co	4 9			19.77	56												
431	Shenango and Allegheny R. R. Co	4 9½			53.50													
432	Silver Lake Rw'y Co	4 8½			7.25	56						1871	60 00	1879	35 00			
433	Skaneateles R. R. Co	4 8½			5.98	58						1867	75 00	1880	45 00	45 00		6
434	Smithtown and Port Jefferson R. R. Co	4 8½			20.09							1872	82 50					
435	Smyrna and Delaware Bay R. R. Co	4 8½			23.00													
436	Somerset and Cambria R. R. Co	4 8½			9.05													
437	South Branch R. R. Co	4 8½			17.40													
438	South Mountain Rw'y and Mining Co	4 9			17.78	56												
439	Southwest Pennsylvania Rw'y Co	4 9	24.24	60	35.15	56						1869		1880	50 00	50 00		
440	Southern Central R. R. Co	4 8½	12.96	61	120.94	60	1877	42 00										
441	Southern Hempstead Branch R. R. Co	4 8½			5.42							1869	90 00					
442	Southern Pennsylvania Rw'y and Mining Co	4 9			24.06	56												
443	Southfield Branch R. R. Co	6 0			1.00	56						1870	79 00					
444	Spring Brook R. R. Co	4 3			8.58													
445	Springfield Southern Rw'y Co	4 8½			122.24	35												
446	Springville and Sardinia R. R. Co	3 0			12.50	25												
447	Spuyten Duyvil and Port Morris R. R. Co	4 8½	12.10	65								1878	34 50	1878	25 00			
448	State Line and Sullivan R. R. Co	4 8½			25.00	56												
449	Staten Island Rw'y Co	4 8½			13.33	56						1880	50 00			52 00		12
450	Sterling Mountain Rw'y Co	6 0			8.60	56						1873	65 00	1879	41 00			15
451	Stewart Line R. R	4 8½	16.34		1.36													
452	Stony Creek R. R. Co	4 8½			12.71													
453	Strasburg R. R. Co	4 8½			4.50													
454	Summit Branch R. R. Co	4 9			2.43													
455	Sunbury, Hazelton, and Wilkesbarre R. R. Co	4 9	13.01	58	37.68	60	1877	37 00	1879	28 00	33 00							
456	Sunbury and Lewistown Rw'y Co	4 9	6.06	58	40.34	55	1877	50 00	1879	41 00	49 00							
457	Suspension Bridge and Erie Junction R. R. Co	4 8½	6.00	63	28.50	62												
458	Sussex R. R. Co	4 8½	12.20		29.10													
459	Swedesborough R. R. Co	4 9			11.26													
460	Syracuse, Binghamton, and New York R. R. Co	4 8½	98.50	64	28.00	55	1872		1880	41 00	48 25							
461	Syracuse, Chenango, and New York R. R. Co	4 8½	3.00	56	42.49	56												
462	Syracuse, Geneva, and Corning Rw'y Co	4 8½			65.75	59						1877	50 00					
463	Tawas and Bay County R. R. Co	3 2			25.00	20												
464	Terre Haute and Indianapolis R. R. Co	4 8½	76.25	60	77.51													
465	Terre Haute and Logansport R. R. Co	4 8½			102.20													
466	Terre Haute and South Eastern R. R. Co	4 9	0.75	56	41.55	53	1879											
467	Tioga R. R. Co	{6 0 / 4 8½}	4.00	60	82.20	59	1879	70 00	1879	50 00	63 00	1864	85 00	1858	40 00	47 00		7
468	Toledo and Ann Arbor R. R. Co	4 8½			46.45	50												
469	Toledo, Canada Southern, and Detroit Rw'y Co	4 8½	55.87	60	18.40		1878	46 00	1879	44 00								
470	Toledo, Delphos, and Burlington R. R. Co	3 0	8.00	40	169.28	35	1880	60 00	1880	60 00	65 00				44 00			
471	Toledo and Grand Rapids R. R. Co	3 0	4.00	40	2.05		1880	74 00		74 00		1875	64 00	1878	45 00			
472	Toledo and South Haven R. R. Co	3 0			9.40	30												
473	Tom's River and Waretown R. R. Co	4 8½			16.25													
474	Traverse City R. R. Co	4 9			26.76	56												
475	Trenton and Delaware Bridge Co	4 9			0.38													
476	Treskow R. R. Co	4 8½			7.20	50												
477	Troy and Bennington R. R. Co	4 8½			5.76	60												
478	Troy and Boston R. R. Co	4 8½	34.74	60	16.34	60												
479	Troy and Greenbush R. R. Association	4 8½	11.54	65														
480	Troy Union R. R. Co	4 8½			4.28													

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.																					FENCE-POSTS.																	
Laid during year.			Average life.																		Used during year.			Average life.															
			Years.																					Years.															
Number.	Average cost per tie (cents).	Kind of wood preferred.	Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.										Number.	Average cost per post (cents).	Kind of wood preferred.	Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.									
1,394	37	White oak								10																													411
																										1												412
178,274	22	White oak		15			5			12	(a) (b)										521	8	Cedar		12													413
																																						414
																																						415
5,545		White oak																																					416
		do																																				417
																							Locust															418
1,500	30	White oak			5					5																													419
82,849	30	White oak								6											2,000	8	Cedar															420
																																						421
																																						422
900	30	White oak					12			12											400	10	White oak							13	(c)							423
4,529		do			7			7		7																													424
																																						425
13,546	28	White oak								5											2,200	12½	Locust					10											426
14,436	50	do																																					427
																																						428
																																						429
10,022	29	White oak								7																													430
																																						431
2,000	36	White oak			8		5			9											200	12	Chestnut			13												432
2,200	40	Cedar		7			7																																433
	50	Chestnut																																					434
																																						435
		White oak																																					436
7,227	40	White oak			8					10																													437
22,179	55	do																																					438
55,136	25	do			10		6			12											10,000	5	Chestnut			12												439
																																						440
	50	White oak								8																													441
3,000	10	White oak					4																																442
		do			8					8																													443
																					1,020	13	Locust					18		9								444
		White oak					6														500	10	Cedar				7											445
12,000	20	White oak					6																																446
2,436	50	Chestnut																																					447
																																						448
																																						449
																																						450
																																						451
																																						452
																																						453
8,761	45	White oak																																					454
28,663	47	White oak								9																													455
																																						456
																																						457
																																						458
																																						459
																																						460
		White oak																																					461
		do																					White oak															462
																					200	5	Cedar															463
																																						464
																																						465
12,000	25	White oak								8													Burr oak															466
15,000	30	do			8		5			10											1,000	6	White oak			8				10								467
32,971	33	White oak								8											1,041	9	Cedar															468
100,000	25	do																			2,000	12	do															469
																																						470
25,000	18	White oak																			310	6½	Cedar															471
																																						472
																																						473
																																						474
																																						475
																																						476
																																						477
																																						478
																																						479
																																						480

a Ash, 5 years. b Soft maple, 5 years. c Black oak, 13 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

CROSS-TIES.													FENCE-POSTS.										
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.								
			Years.													Years.								
Number.	Average cost per tie (cents).		Burr oak.	Cedar.	Chestnut.	Chestnut oak.	Hemlock.	Rock oak.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).		Catalpa.	Cedar.	Chestnut.	Hemlock.	Locust.	Tamarack.	White oak.	Other woods.	
5,700	52	Cedar									(a)	481												481
17,245	43	White oak						8		8		482												482
35,000	30	Chestnut			7							483	5,985	8	Chestnut			6						483
7,400	58½	White oak						6½		6½		484												484
												485												485
450	45	White oak								6		486												486
												487												487
159,750	62	White oak								7		488	900	15	Chestnut									488
86,449	16⅔	Hemlock					6					489			Cedar									489
44,784	34	White oak			7		7			7		490	1,773	6	....do		12	12						490
												491												491
38,395	20	White oak					5					492	1,000	6	Cedar		15	10	5					492
												493												493
150,540	40	White oak										494	3,000	11	Chestnut									494
												495												495
886	....	White oak										496												496
												497												497
	35	Chestnut			7					7		498			Chestnut			9						498
												499												499
32,450	45	Chestnut			6			6		6	(b)	500	14,600	9	Chestnut			10						500
												501												501
												502												502
												503												503
												504												504
												505												505
2,000	25	White oak										506			Locust									506
789	61	....do								7		507												507
15,000	60	....do								9		508												508
												509												509
29,752	65	White oak			5			8		7	(c)	510												510
												511												511
												512												512
57,978	39	White oak			7					7		513												513
28,805	41	....do						9		9		514												514
												515												515
570	25	White oak						7		7		516												516
4,224	10											517												517
												518												518
3,355	30	White oak								7		519												519
560	65											520												520
32,218	35½	White oak			8					8		521	297	20	Chestnut			12						521
5,000	30	....do								7		522												522
1,000	27	....do								6		523												523
2,400	55	....do								6		524												524

a Pine, 7 years. b Yellow oak, 6 years. c Pine, 4 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP II.—NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, INDIANA, MARYLAND, DELAWARE, NEW JERSEY, DISTRICT OF COLUMBIA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS. In present track. Steel. Miles.	Steel. Weight, pounds per yard.	Iron. Miles.	Iron. Weight, pounds per yard.	Steel. First laid. Year.	Steel. First laid. Cost per ton delivered.	Steel. Lowest price paid. Year.	Steel. Lowest price paid. Per ton delivered.	Steel. Present cost per ton delivered.	Iron. Highest price paid. Year.	Iron. Highest price paid. Per ton delivered.	Iron. Lowest price paid. Year.	Iron. Lowest price paid. Per ton delivered.	Iron. Present cost per ton delivered.	Average life. Years. Steel.	Average life. Years. Iron.
481	Tuckerton R. R. Co	4 8½			32.25	50	1870	$70 00	1870	$70 00								
482	Tyrone and Clearfield Rw'y Co	4 9	27.00	58	44.10	53	1872	119 00	1879	40 00	$48 10	1872	$78 00	1879	$34 00		10	6
483	Ulster and Delaware R. R. Co	4 8½	6.00	62	72.53	63	1875	65 00	1880	65 00	65 00							8
484	Union R. R. Co. of Baltimore	4 9	2.12	60	16.23	72	1877	45 00	1878	44 00	65 00	1872	92 00	1877	38 00			7½
485	Union R. R. Co. of New York	4 8½	2.37	63														
486	Union Rw'y Co. of Indianapolis	4 8½	3.23	60			1868	120 00	1879	45 00	60 00						7	
487	Union R. R. Transfer and Stock Yard Co. of Indianapolis	4 8½	18.30	60														
488	United New Jersey R. R. and Canal Co	4 9	227.85	61	152.86	56	1868	150 00	1879	41 10	49 10	1864	153 75	1878	30 00	53 00	9	4
489	Utica and Black River R. R. Co	4 8½	17.00	56	77.89	58	1879											
490	Utica, Chenango, and Susquehanna Valley R. R. Co	4 8½	31.67	59	80.19	58	1875		1880	41 00	48 25	1873	110 00					5
491	Utica, Clinton, and Binghamton R. R. Co	4 8½			37.50	56												
492	Utica, Ithaca, and Elmira Rw'y Co	4 8½	19.00	60	54.38	56	1875	62 00	1878	38 00	53 50	1872	100 00	1879	51 50	48 00		6
493	Valley R. R. Co	4 8½	22.28	68½														
494	Valley Rw'y Co	4 8½	18.00	56	50.90	56	1878	45 00	1878	45 00		1880	78 00	1880	49 10			
495	Van Wert and Paulding R. R. Co	3 0			3.00													
496	Vincentown Branch of the Burlington County R. R. Co	4 9			3.37													
497	Vineland Rw'y Co	4 8½			49.80													
498	Wallkill Valley R. R. Co	4 8½	17.00	62	20.80	56	1877	50 00	1877	50 00								
499	Warren R. R. Co	4 8½	25.50	64	9.50	56												
500	Warwick Valley R. R. Co	4 8½			22.98	53						1880	42 00	1860	38 00			12
501	Washington Branch R. R. Co	4 8½	69.00															
502	Washington City and Point Lookout R. R. Co	4 8½			14.00	60												
503	Washington County R. R. Co	4 8½			27.25													
504	Watchung Rw'y Co	4 8½	1.00	56	3.50													
505	Waverly and State Line R. R. Co	4 8½			3.54	58												
506	Waynesburg and Washington R. R. Co	3 0			28.58	30			1877	40 75	51 15							
507	West Chester R. R. Co	4 9	5.76	60	1.03		1879											
508	West Chester and Philadelphia R. R. Co	4 8½	32.00	58	5.30	56					60 00							
509	West End R. R. Co	4 8½			1.80													
510	West Jersey R. R. Co	4 9	70.50	58	48.97	54	1870	106 00	1878	41 50	62 00	1873	87 28	1877	40 00	50 00	9	7
511	West Jersey and Atlantic R. R. Co	4 9	34.46	58	4.12	54												
512	West Troy and Green Island R. R. Co	4 8½	2.14	62														
513	Western Maryland R. R. Co	4 8½	11.50	58	90.33	55	1876		1879	43 00	57 00			1879	35 50	46 00		7
514	Western Pennsylvania R. R. Co	4 9½ / 4 9	71.55	60	38.04	58	1874	105 00	1878	36 00	42 35			1871	22 50			
515	Wheeling and Lake Erie R. R. Co	3 0			12.50													
516	Wheeling, Pittsburgh, and Baltimore R. R. Co	4 8½			33.00	62												
517	White River R. R. Co	4 8½			5.74	56												
518	White Water R. R. Co	4 8½	1.00	56	64.00													
519	Wicomico and Pocomoke R. R. Co	4 8½			31.00	40						1867	90 00	1880	47 00	47 00		10
520	Williamstown R. R. Co	4 8½			10.00	50						1871	84 00					
521	Wilmington and Northern R. R. Co	4 8½	8.90	55	73.68	56	1878	43 00	1878	43 00	65 00	1872	84 15	1879	34 50			10
522	Worcester R. R. Co	4 8½			37.53	45										55 00		10
523	Worcester and Somerset R. R. Co	4 8½			9.50	50												
524	Youghiogheny R. R. Co	4 9	10.00	58	4.00	60	1871	130 00	1877	50 00	70 00	1874	60 00			45 00		4

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																Average life.	
			In present track.				Steel.					Iron.							Years.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.						
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.			Steel.	Iron.
1	Alabama Central R. R. Co	5 0	.....	.....	101.00	63	.....	.....	.....	.....	.....	.....	.....	1878	$35 00	.....			.....	.....
2	Alabama Great Southern R. R. Co	5 0	.....	.....	305.00	56	.....	.....	.....	.....	.....	1880	$70 00	1879	34 00	$46 00			.....	7
3	Alexandria and Fredericksburg Rw'y Co	4 9	8.68	60	26.50	60	.....	.....	1879	$41 10	$41 10	.....	.....	.....	.....	.....			.....	.....
4	Alexandria and Washington R. R. Co	4 9	0.55	60	5.93	60	.....	.....	1879	41 10	41 10	.....	.....	.....	.....	.....			.....	.....
5	Ashley River R. R. Co	5 0	.....	.....	3.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
6	Atlanta and Charlotte Air-Line Rw'y Co	5 0	40.00	57	241.88	56	1877	$50 00	1877	50 00	90 00	1878	36 80	1877	24 00	68 00			.....	8
7	Atlanta and West Point R. R. Co	5 0	22.00	54	60.42	55	1877	57 00	1879	48 00	70 00	1850	55 00	.....	.....	.....			.....	12
8	Atlantic, Gulf, and West India Transit R. R. Co	5 0	.....	.....	158.50	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	30
9	Atlantic, Mississippi, and Ohio R. R. Co	5 0	230.68	56	235.71	50	1871	124 75	1877	44 20	48 00	1873	81 60	.....	.....	.....			.....	9
10	Atlantic and North Carolina R. R. Co	5 0	1.00	50	100.00	60	1877	60 00	1877	60 00	60 00	1857	56 00	1855	50 00	50 00			.....	22
11	Atlantic, Tennessee, and Ohio R. R. Co	4 8½	.....	.....	50.00	50	.....	.....	.....	.....	.....	1870	65 00	1870	65 00	.....			.....	.....
12	Augusta and Savannah R. R. Co	5 0	.....	.....	58.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
13	Blue Ridge R. R. Co	5 0	.....	.....	33.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
14	Brighthope Rw'y Co	4 8½	.....	.....	24.00	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
15	Brunswick and Albany R. R. Co	5 0	.....	.....	174.75	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
16	Cape Fear and Yadkin Valley Rw'y Co	4 8½	.....	.....	47.40	45	.....	.....	.....	.....	.....	1858	80 00	1879	41 00	.....			.....	.....
17	Carolina Central Rw'y Co	4 8½	44.00	54	210.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
18	Central R. R. and Banking Co. of Georgia	5 0	115.75	56	260.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
19	Charlotte, Columbia, and Augusta R. R. Co	5 0	25.00	53	192.01	56	1870	.....	.....	.....	65 00	.....	.....	.....	.....	.....			.....	.....
20	Cheraw and Chester R. R. Co	3 0	.....	.....	25.00	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
21	Cheraw and Darlington R. R. Co	5 0	.....	.....	41.50	50	.....	.....	.....	.....	.....	1853	.....	.....	.....	.....			.....	.....
22	Cherokee Iron and R. R. Co	3 0	.....	.....	39.00	48	.....	.....	.....	.....	.....	1880	60 80	.....	.....	.....			.....	.....
23	Chesapeake and Ohio Rw'y Co	4 9	323.44	55	203.54	.....	1871	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
24	Chester and Lenoir N. G. R. R. Co	3 0	.....	.....	50.44	30	.....	.....	.....	.....	.....	1875	68 00	1880	54 00	.....			.....	.....
25	Chicago, Saint Louis, and New Orleans R. R. Co	5 0	455.00	58	167.12	56	1877	.....	1879	57 00	63 50	1872	90 00	1876	33 00	.....			.....	7
26	Cincinnati, Cumberland Gap, and Charleston R. R. Co	5 0	.....	.....	40.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
27	Cincinnati Southern Rw'y Co	5 0	219.14	53	154.25	60	1876	76 75	1878	45 46	65 00	1875	57 00	1875	34 49	50·00			.....	--
28	Clarksburg, Weston, and Glenville R. R. and Trans. Co	3 0	.....	.....	27.25	30	.....	.....	.....	.....	.....	1879	38 00	1879	35 00	.....			.....	.....
29	Columbus and Rome R. R. Co	3 0	.....	.....	32.50	30	.....	.....	.....	.....	.....	1872	85 00	1879	42 00	.....			.....	.....
30	Cumberland and Ohio R. R. Co	5 0	.....	.....	31.79	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
31	Cumberland and Ohio R. R. Co. (Northern Division)	4 9½	.....	.....	5.10	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
32	Duck River Valley N. G. R. R. Co	3 0	.....	.....	35.60	31	.....	.....	.....	.....	.....	1879	45 00	1876	35 00	.....			.....	.....
33	East Alabama Rw'y Co	5 0	.....	.....	26.75	50	.....	.....	.....	.....	.....	1871	78 00	.....	.....	.....			.....	.....
34	East Tennessee, Virginia, and Georgia R. R. Co	5 0	105.00	56	185.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
35	Eastern Kentucky Rw'y Co	4 8½	.....	.....	36.38	55	.....	.....	.....	.....	.....	1874	85 00	1879	37 00	45 00			.....	8
36	Eatonton Branch R. R. Co	5 0	.....	.....	23.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
37	Elberton Air-Line R. R. Co	3 0	.....	.....	50.86	30	.....	.....	.....	.....	.....	1878	42 00	1878	42 00	45 00			.....	5
38	Elizabethtown, Lexington, and Big Sandy R. R. Co	4 9	.....	.....	35.60	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
39	Florida Central R. R. Co	5 0	.....	.....	62.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
40	Franklin and Pittsylvania R. R. Co	3 0	.....	.....	33.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
41	Georgia R. R. and Banking Co	5 0	70.00	56	267.74	55	1876	.....	1879	47 75	62 00	1871	70 00	1878	34 50	.....			.....	7
42	Georgia Southern R. R. Co	5 0	.....	.....	67.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
43	Glasgow R. R. Co	5 0	.....	.....	10.96	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
44	Grand Gulf and Port Gibson R. R. Co	4 10½	.....	.....	7.50	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	50 00			.....	.....
45	Greenville and Columbia R. R. Co	5 0	2.10	50	109.60	43	1879	50 00	.....	.....	67 50	.....	.....	.....	.....	.....			.....	.....
46	Greenville, Columbus, and Birmingham R. R. Co	3 0	.....	.....	10.00	35	.....	.....	.....	.....	.....	1878	.....	.....	.....	.....			.....	.....
47	Hartwell R. R. Co	3 0	.....	.....	10.00	30	.....	.....	.....	.....	.....	1879	72 00	1879	40 00	.....			.....	.....
48	Jacksonville, Pensacola, and Mobile R. R. Co	5 0	.....	.....	180.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
49	Jamesville and Washington R. R. Co	4 8½	.....	.....	22.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
50	Kentucky Central R. R. Co	5 0	14.00	56	77.00	58	1879	46 00	1879	46 00	73 00	.....	.....	.....	.....	.....			.....	10
51	Knoxville and Augusta R. R. Co	5 0	.....	.....	17.25	56	.....	.....	.....	.....	.....	1867	.....	.....	.....	.....			.....	.....
52	Knoxville and Ohio R. R. Co	5 0	5.85	56	34.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
53	Laurel Fork and Sand Hill R. R. Co	4 8½	.....	.....	6.00	50	.....	.....	.....	.....	.....	1879	51 00	1879	44 00	57 00			.....	7
54	Laurens R. R. Co	5 0	.....	.....	32.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
55	Lexington and Big Sandy R. R. Co	4 8½	10.00	60	10.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
56	Licking Valley R. R. Co	3 0	.....	.....	17.33	36	.....	.....	.....	.....	.....	1876	42 00	1878	36 00	.....			.....	.....
57	Louisville Bridge Co	4 9	3.50	.....	0.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
58	Louisville, Cincinnati, and Lexington Rw'y Co	4 9½	68.50	58	128.96	60	1877	50 00	1877	50 00	63 85	.....	.....	.....	.....	.....			.....	.....
59	Louisville, Harrod's Creek, and Westport R. R. Co	3 0	.....	.....	12.00	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
60	Louisville and Nashville R. R. Co	5 0	229.66	58	517.97	57	1871	108 00	1879	47 00	65 00	1864	153 75	1861	36 50	55 00			.....	.....
61	Louisville Railway Transfer Co	4 9½	.....	.....	4.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
62	Louisville and Wadley R. R. Co	5 0	.....	.....	11.50	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
63	Macon and Brunswick R. R. Co	5 0	9.66	47	194.69	45	1878	45 00	.....	.....	62 50	1879	40 00	1879	40 00	.....			.....	.....
64	Marietta and North Georgia R. R. Co	3 0	.....	.....	24.10	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	12
65	Martinsburg and Potomac R. R. Co	4 9	.....	.....	12.71	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
66	Maysville and Lexington R. R. Co. (Northern Division)	5 0	.....	.....	52.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
67	Maysville and Lexington R. R. Co. (Southern Division)	5 0	.....	.....	19.00	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....
68	Memphis and Charleston R. R. Co	5 0	55.00	54	254.98	56	1876	.....	1878	54 00	63 00	.....	.....	.....	.....	.....			.....	.....
69	Memphis, Paducah, and Northern R. R. Co	5 0	0.78	.....	116.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	15
70	Milton and Sutherlin N. G. R. R. Co	3 0	.....	.....	7.34	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			.....	.....

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA.

CROSS-TIES.														FENCE-POSTS.										
Laid during year.		Kind of wood preferred.	Average life.											Used during year.		Kind of wood preferred.	Average life.							
			Years.														Years.							
Number.	Average cost per tie (cents).		Cedar.	Chestnut.	Chestnut oak.	Cypress.	Oak.	Pine.	Post oak.	Red cedar.	White oak.	Other woods.		Number.	Average cost per post (cents).		Cedar.	Chestnut.	Cypress.	Oak.	Pine.	Red cedar.	Other woods.	
31,412	25	Pine						6			8		1											1
130,000	25	Oak						6			8		2											2
21,122	40	White oak											3											3
4,155	40	....do											4											4
													5											5
46,734	21	Oak									6		6	34,275	3	Chestnut								6
22,000	40	Post oak		7					7				7											7
50,000	23	Cypress				9		5					8											8
150,000	33	White oak				9					7½		9											9
20,000	20	Post oak						4					10											10
12,000	25	White and post oak							9		9		11											11
													12											12
													13											13
2,500	25	White oak									8		14											14
60,163	20	Cypress											15											15
80,000	20	Pine						7					16											16
													17											17
													18											18
67,034	21	White oak						7					19											19
													20											20
15,736	25	Pine						8					21											21
		Post oak and chestnut											22											22
139,448	35	White oak									7		23			Locust								23
32,000	17	White and post oak											24											24
195,000	40	Cypress											25											25
													26											26
300,000	40	White oak											27	16,000	35	Cedar								27
1,000	15	Oak											28											28
	16	White oak						6					29											29
													30											30
43,800	40	White oak											31											31
500	20	Red cedar								18	6		32	1,000	10	Red cedar						25		32
6,000	30	Oak						6					33											33
													34											34
13,287	22	White oak			6						7		35											35
													36											36
		White oak									7		37											37
124,000	25	Locust									7		38											38
													39											39
													40											40
186,080	30	Post oak						5	8		6		41	26,400	6	Chesnut								41
													42											42
													43											43
4,000	30	Cypress				5					5		44											44
158,350	23	White oak and pine						6			6		45											45
		White oak											46											46
23,000	16	Heart pine											47											47
													48											48
													49											49
35,000	35	White oak									10		50	300	20	Locust								50
3,500	25	Post oak							10		8		51											51
													52											52
893	25	White oak									10		53											53
													54											54
													55											55
800	20	White oak											56											56
													57											57
69,732	40	White oak									7		58											58
													59											59
519,815	30	White oak									5		60	5,000	15	Cedar		12						60
													61											61
													62											62
56,000	23½	Cypress				18		4½					63	1,100	5	Cypress								63
	10	Post oak											64											64
													65											65
													66											66
													67											67
		Cedar	15				7						68			Cedar	18							68
													69											69
													70											70

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																	
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
71	Mississippi and Tennessee R. R. Co	5 0	1.75	52	101.82	58	1880	$61 00	1880	$61 00	$64 00	1866	$100 00	1878	$37 50	$49 00	....	10
72	Mississippi Valley and Ship Island R. R. Co	3 6	.....	....	10.00	35	....	.....	....	.....	.....	1873	105 00	....	.....	47 00	....	....
73	Mobile and Alabama Grand Trunk R. R. Co	5 0	.....	....	57.00	60	....	.....	....	.....	.....	1871	67 00	1870	62 00	46 00	....	....
74	Mobile and Girard R. R. Co	5 0	.....	....	86.50	45	....	.....	....	.....	.....	1866	90 00	1879	40 00	53 00	....	8
75	Mobile and Montgomery Rw'y Co	5 0	4.07	58	189.43	56	1874	.....	....	.....	.....	....	.....	....	.....	80 00	10	4
76	Mobile and Northwestern R. R. Co	3 0	.....	....	30.71	30	....	.....	....	.....	.....	1879	47 50	1878	42 00	.....	....	....
77	Mobile and Ohio R. R. Co	5 0	181.50	56	371.43	64	1876	60 00	1879	45 00	60 00	1866	.....	....	.....	.....	....	15
78	Montgomery and Eufaula Rw'y Co	5 0	10.00	....	74.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
79	Mount Sterling Coal Road Co	3 0	.....	....	20.00	35	....	.....	....	.....	.....	1878 1879	48 00	1879	48 00	.....	....	....
80	Nashville, Chattanooga, and Saint Louis Rw'y Co	5 0	161.60	56	336.65	55	....	.....	....	.....	.....	....	.....	....	.....	.....	....	7
81	Nashville and Decatur R. R. Co	5 0	35.97	58	96.50	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
82	Nashville and Tuscaloosa R. R. Co	3 0	.....	....	21.79	40	....	.....	....	.....	.....	1879	50 00	....	.....	67 50	....	....
83	Natchez, Jackson, and Columbus R. R. Co	3 6	.....	....	43.66	35	....	.....	....	.....	.....	....	90 00	1878	41 00	60 00	....	....
84	New Orleans, Mobile, and Texas R. R. Co	5 0	96.40	58	73.00	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
85	New Orleans and Selma R. R. Co	5 0	.....	....	20.80	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
86	Newport and Cincinnati Bridge Co	4 9	0.74	....	.....	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
87	Norfolk and Ocean View R. R. and Hotel Co	3 6	.....	....	8.17	33	....	.....	....	.....	.....	1879	44 00	1879	33 00	.....	....	....
88	North Carolina R. R. Co	5 0	78.00	60	159.63	56	1878	.....	....	.....	.....	....	.....	....	.....	.....	14	12
89	North Eastern R. R. Co. of Georgia	5 0	.....	....	41.00	45	....	.....	....	.....	.....	1874	65 00	....	.....	.....	....	....
90	North Eastern R. R. Co. of South Carolina	5 0	20.00	....	91.26	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
91	North Western North Carolina R. R. Co	5 0	.....	....	26.23	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
92	Owensborough and Nashville R. R. Co	5 0	.....	....	37.04	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
93	Paducah and Elizabethtown R. R. Co	5 0	11.65	50	183.55	56	1877	48 00	1877	46 50	65 75	....	.....	....	.....	.....	....	....
94	Parkersburg Branch R. R. Co	4 8½	103.50	67	20.50	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
95	Peninsular R. R. Co	5 0	.....	....	20.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
96	Pennsborough and Harrisville, Ritchie County, Rw'y Co	3 0	.....	....	9.00	36	....	.....	....	.....	.....	1875	50 00	1879	33 00	48 00	....	5
97	Pensacola R. R. Co	5 0	.....	....	48.01	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
98	Pensacola and Mobile R. R. and Manufacturing Co	5 0	.....	....	6.50	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
99	Pensacola and Perdido R. R. Co	5 0	.....	....	11.00	33	....	.....	....	.....	.....	1869	90 00	1880	52 00	55 00	....	12
100	Pensacola and Selma R. R. Co	5 0	.....	....	40.66	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
101	Petersburg R. R. Co	4 8½	23.00	53	40.00	48	1872	90 00	1879	43 00	62 50	....	.....	....	.....	.....	....	7
102	Piedmont R. R. Co	5 0	.....	....	51.00	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
103	Pine Hill R. R. Co	3 0	.....	....	5.00	30	....	.....	....	.....	.....	1876	56 00	1879	35 00	.....	....	....
104	Pittsburgh, Wheeling, and Kentucky R. R. Co	4 9	.....	....	25.83	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
105	Pontchartrain R. R. Co	5 0	.....	....	5.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
106	Port Royal and Augusta Rw'y Co	5 0	1.00	56	114.00	....	1880	75 00	....	.....	60 00	....	.....	....	.....	.....	....	8
107	Potomac R. R. Co	4 9	.....	....	1.70	53	....	.....	....	.....	.....	....	90 00	....	.....	.....	....	13
108	Potomac, Fredericksburg, and Piedmont R. R. Co	3 0	.....	....	38.28	43	....	.....	....	.....	.....	1872	.....	1878	31 00	48 00	....	....
109	Pratt Coal and Coke Co	5 0	.....	....	14.22	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
110	Raleigh and Augusta Air-Line R. R. Co	4 8½	1.75	50	96.85	51	1879	45 00	....	.....	67 00	....	.....	....	.....	.....	....	....
111	Raleigh and Gaston R. R. Co	4 8½	26.25	50	73.00	50	1879	45 00	....	.....	67 00	....	.....	....	.....	.....	....	....
112	Richmond and Danville R. R. Co	5 0	87.75	60	80.41	58	1875	60 00	1878	41 10	58 10	....	.....	....	.....	.....	....	....
113	Richmond, Fredericksburg, and Potomac R. R. Co	4 9	21.50	50	64.25	50	1876	90 00	1879	45 00	63 00	1873	90 00	....	.....	.....	....	14
114	Richmond, Fredericksburg, and Potomac and Richmond and Petersburg R. R. Connection Co.	4 9	.....	....	1.25	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
115	Richmond and Petersburg R. R. Co	4 8½	12.13	56	12.87	53	1876	70 00	1879	43 70	53 00	1873	82 25	1876	48 00	.....	....	15
116	Richmond, York River, and Chesapeake R. R. Co	5 0	4.00	....	41.50	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
117	Roane Iron Co	3 0	.....	....	5.50	30	....	.....	....	.....	.....	1880	73 00	1879	36 00	47 00	....	10
118	Rogersville and Jefferson R. R. Co	5 0	.....	....	16.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
119	Rome R. R. Co	5 0	.....	....	21.00	56	....	.....	....	.....	.....	1880	72 00	1879	36 00	50 00	....	10
120	Saint John's Rw'y Co. of Florida	4 8½	.....	....	15.50	35	....	.....	....	.....	.....	....	.....	....	.....	50 00	....	....
121	Saint John's and Lake Eustis Rw'y Co	3 0	.....	....	25.70	25	....	.....	....	.....	.....	1879	40 00	1879	40 00	55 00	....	....
122	Saint Louis and Southeastern Rw'y Co. (Kentucky Division)	5 0	40.87	....	65.22	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
123	Saint Louis and Southeastern Rw'y Co. (Tennessee Division)	5 0	.....	....	40.78	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
124	Sandersville and Tennille R. R. Co	5 0	.....	....	3.50	48	....	.....	....	.....	.....	1876	30 00	1876	30 00	.....	....	....
125	Savannah and Charleston R. R. Co	5 0	34.00	50	75.00	50	1880	.....	....	.....	.....	....	.....	....	.....	.....	....	....
126	Savannah, Florida, and Western Rw'y Co	5 0	77.18	50	289.42	51	1876	.....	....	.....	.....	....	.....	....	.....	.....	....	....
127	Savannah, Griffin, and North Alabama R. R. Co	5 0	.....	....	63.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
128	Savannah and Memphis R. R. Co	5 0	.....	....	61.50	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	10
129	Savannah, Skidaway, and Seaboard R. R. Co	5 0	.....	....	11.62	30	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
130	Seaboard and Roanoke R. R. Co	4 8½	35.00	53	58.56	53	1874	112 00	1878	44 00	60 00	1866	90 00	1876	51 00	.....	....	....
131	Selma and Greensborough R. R. Co	5 0	.....	....	45.03	50	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
132	Selma, Rome, and Dalton R. R. Co	5 0	.....	....	177.30	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
133	Shelby R. R. Co	4 8½	.....	....	19.60	56	....	.....	....	.....	.....	1870	88 00	....	.....	.....	....	....
134	Shenandoah Valley R. R. Co	4 9	43.70	....	17.80	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
135	Ship Island, Ripley, and Kentucky R. R. Co	3 0	.....	....	26.00	36	....	.....	....	.....	.....	1872	90 00	....	.....	.....	....	....
136	South Carolina R. R. Co	5 0	70.00	56	225.33	56	1878	.....	....	.....	.....	....	.....	....	.....	.....	....	10
137	South and North Alabama R. R. Co	5 0	85.69	58	131.38	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
138	South Western R. R. Co. of Georgia	5 0	21.50	56	303.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
139	South Western R. R. Co. of Kentucky	4 8½	.....	....	5.57	45	....	.....	....	.....	.....	1877	40 00	....	40 00	.....	....	....
140	Spartanburg and Asheville R. R. Co	5 0	.....	....	50.00	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA—Continued.

CROSS-TIES.													FENCE-POSTS.										
Laid during year.			Average life.										Used during year.			Average life.							
			Years.													Years.							
Number.	Average cost per tie (cents).	Kind of wood preferred.	Cedar.	Chestnut.	Chestnut oak.	Cypress.	Oak.	Pine.	Post oak.	Red cedar.	White oak.	Other woods.	Number.	Average cost per post (cents).	Kind of wood preferred.	Cedar.	Chestnut.	Cypress.	Oak.	Pine.	Red cedar.	Other woods.	
39,726	37	White oak							7		7												71
29,000	25	Yellow pine						5															72
		do						6															73
33,000	32	Pitch pine						5															74
60,000	25	Yellow pine or cypress				10		5															75
1,000	25	White oak				5					5												76
191,719	21	do					6	5															77
																							78
	25	White oak									5												79
169,378	21	do							7		7												80
																							81
54,500	17	White and post oak																					82
10,000	21	Cypress				5					5												83
																							84
																							85
																							86
21,866	26																						87
62,919	27	Oak					7	5															88
22,000	22	Post oak							7		7												89
																							90
5,274	30	White oak																					91
																							92
76,300	23	White oak									6												93
																							94
																							95
1,000	10	White oak									5												96
																							97
3,000	20	Cypress				6		4															98
																							99
																							100
26,905	33	White oak									8												101
																							102
		White oak																					103
																							104
																							105
60,000	24	Pine						4															106
																							107
	12	White oak					7																108
		Oak																					109
25,308	25	do					8	6															110
36,858	30	Oak					8	6															111
66,610	30	White oak									6												112
35,353	35	do									8												113
																							114
14,779	33	White oak		5					8		8												115
																							116
1,000	15	Chestnut oak			5																		117
																							118
6,000	25	Post and white oak							5		5												119
3,000	20					4		3															120
	10	Pitch pine																					121
																							122
																							123
550	28	Cypress						6															124
		do				12		4															125
		Cypress						7															126
																							127
		Pine						5															128
1,200	35	Cypress				9		6															129
20,000	40	White oak				8			8		8												130
25,000	28	Yellow pine					6	6															131
																							132
10,000	53	White oak									8												133
																							134
10,000	20	Oak					6																135
100,000	23	Cypress				10		4															136
																							137
																							138
	40	White oak																					139
																							140

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.															
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
141	Spartanburg, Union, and Columbia R. R. Co	5 0	.....	.....	71.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
142	Tennessee Coal and R. R. Co	5 0½	4.00	56	16.00	56	1879	$42 00	1879	$42 00	$65 00	1872	$90 00	.....	.....	$55 00	.....	4
143	Tuskegee R. R. Co	3 0	.....	.....	5.50	25	.....	.....	.....	.....	.....	1871	95 00	.....	.....	65 00	.....	20
144	Upson County R. R. Co	5 0	.....	.....	16.25	40	.....	.....	.....	.....	.....	1856	.....	.....	.....	.....	.....	.....
145	Valley R. R. Co. of Virginia	4 8½	.....	.....	31.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
146	Vicksburg and Brunswick R. R. Co	5 0	.....	.....	22.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
147	Vicksburg and Meridian R. R. Co	5 0	6.00	50	144.59	48	1875	52 00	1875	52 00	65 00	.....	.....	.....	.....	49 33	.....	12
148	Washington City, Virginia Midland, and Great Southern R. R. Co	4 8½ 3 0	77.50	50	294.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
149	Washington and Ohio R. R. Co	4 8½	.....	.....	53.50	56	.....	.....	.....	.....	.....	1874	87 00	1879	$43 50	49 75	.....	12
150	Western R. R. Co. of Alabama	5 0	11.25	56	157.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
151	Western and Atlantic R. R	5 0	74.00	56	97.33	56	1873	140 00	1880	49 50	49 50	1871	85 00	1879	50 00	50 00	12	4
152	Western North Carolina R. R. Co	5 0	6.00	60	136.00	53	1879	47 15	1870	47 15	.....	.....	.....	1879	37 00	45 00	.....	20
153	Wilmington, Columbia, and Augusta R. R. Co	5 0	57.00	56	148.00	56	1878	.....	.....	42 00	42 00	.....	.....	.....	.....	.....	.....	12
154	Wilmington and Weldon R. R. Co	4 8½	59.50	56	134.20	56	1876	70 00	.....	40 00	42 00	.....	.....	.....	.....	.....	.....	12
155	Winchester and Potomac R. R. Co	4 8½	.....	.....	34.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
156	Winchester and Strasburg R. R. Co	4 8½	.....	.....	21.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XI.—ROADWAY AND TRACK.

GROUP III.—VIRGINIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, NORTH CAROLINA, SOUTH CAROLINA.

CROSS-TIES.													FENCE-POSTS.												
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.									
			Years.													Years.									
Number.	Average cost per tie (cents).		Cedar.	Chestnut.	Chestnut oak.	Cypress.	Oak.	Pine.	Post oak.	Red cedar.	White oak.	Other woods.	Number.	Average cost per post (cents).		Cedar.	Chestnut.	Cypress.	Oak.	Pine.	Red cedar.	Other woods.			
																									141
3,000	20	White and post oak			6				8		7														142
2,000	18	Pine						5																	143
2,900	35	Post oak						6																	144
																									145
																									146
	25	Cypress																							147
																									148
19,038	35	White oak									9														149
																									150
41,931	35	Oak					5							6	Chestnut										151
60,000	20								8		8														152
50,000	25	Cypress				7		7																	153
45,500	25	do				7		7																	154
																									155
																									156

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TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
1	Albia, Knoxville, and Des Moines R. R. Co	4 8½	.....	.....	36.39	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	American Central R. R. Co	4 8½	.....	.....	55.84	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Belleville and Eldorado R. R. Co	4 8½	.....	.....	52.07	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Belleville and Southern Illinois R. R. Co	4 8½	46.00	60	15.43	58	.....	.....	.....	.....	$65 00	.....	.....	.....	.....	.....	.....	.....
5	Boone County and Boonville R. R. Co	4 8½	.....	.....	22.33	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Boonville, Saint Louis, and Southern Rw'y Co	4 9	.....	.....	26.36	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Brownville and Nodaway Valley Rw'y Co	4 8½	.....	.....	37.74	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Brunswick and Chillicothe R. R. Co	4 8½	.....	.....	39.90	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Burlington, Cedar Rapids, and Northern Rw'y Co	4 8½	180.01	56	257.67	54	1876	$73 00	1878	$45 00	64 00	1877	$37 50	1877	$36 30	.....	10	4
10	Burlington and Northwestern Rw'y Co	3 0	.....	.....	47.74	30	.....	.....	.....	.....	.....	1879	65 50	1879	43 50	.....	.....	.....
11	Burlington and Southwestern Rw'y Co	4 8½	12.00	58	136.80	50	1879	55 00	1879	52 00	60 00	1872	100 00	1876	45 00	$50 00	.....	9½
12	Cairo and Saint Louis R. R. Co	3 0	0.70	40	160.23	40	1874	.....	.....	.....	.....	.....	.....	.....	.....	52 50	.....	.....
13	Cairo and Vincennes R. R. Co	4 9	26.00	54	143.55	54	1878	44 00	1878	44 00	65 00	1877	37 00	1878	36 00	45 00	.....	10
14	Caledonia, Mississippi, and Western R. R. Co	3 0	35.00	35	26.92	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Carbondale and Shawneetown R. R. Co	4 8½	0.10	60	19.20	47	1878	39 00	.....	.....	69 00	1871	90 00	.....	.....	55 00	.....	8
16	Carthage and Burlington R. R. Co	4 8½	.....	.....	32.51	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Cedar Falls and Minnesota R. R. Co	4 8½	.....	.....	79.25	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Cedar Rapids and Missouri River R. R. Co	4 8½	227.30	56	89.44	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Central Iowa Rw'y Co	4 8½	41.08	53	171.49	53	1876	58 00	1879	48 00	76 00	1871	95 00	1878	33 00	.....	.....	8
20	Central R. R. Co. of Minnesota	4 8½	.....	.....	41.40	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Centerville, Moravia, and Albia R. R. Co	4 8½	.....	.....	25.50	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Champaign, Havana, and Western Rw'y Co	4 8½	.....	.....	141.00	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Chariton, Des Moines, and Southern R. R. Co	4 8½	.....	.....	34.78	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Chatfield R. R. Co	4 8½	.....	.....	12.96	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Cherry Valley R. R. Co	4 8½	1.25	.....	5.75	...	1880	78 50	.....	.....	78 50	.....	.....	.....	.....	.....	.....	.....
26	Chicago and Alton R. R. Co	4 8½	312.17	60	176.73	56	1865	180 00	1879	45 00	65 00	1864	120 00	1852	45 00	55 00	15	6
27	Chicago, Bellevue, Cascade, and Western R. R. Co	3 0	.....	.....	36.85	30	.....	.....	.....	.....	.....	1879	46 35	1879	46 35	.....	.....	8
28	Chicago, Burlington, and Quincy R. R. Co	4 8½	825.14	60	248.31	56	1868	160 00	1879	45 00	60 00	1867	120 00	1879	36 00	40 00	.....	.....
29	Chicago, Clinton, Dubuque, and Minnesota R. R. Co	4 8½	6.85	56	218.85	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Chicago, Clinton, and Western Rw'y Co	4 8½	.....	.....	10.00	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Chicago and Dakota Rw'y Co	4 8½	.....	.....	49.89	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Chicago and Eastern Illinois R. R. Co	4 8½	151.00	56	7.48	56	1876	65 00	1876	54 00	70 00	1874	55 00	1876	24 00	50 00	8	5
33	Chicago and Iowa R. R. Co	4 8½	80.00	52	7.87	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Chicago, Iowa, and Nebraska R. R. Co	4 8½	82.40	56	22.56	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Chicago and Milwaukee Rw'y Co	4 8½	82.40	56	24.95	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Chicago, Milwaukee, and Saint Paul Rw'y Co	4 8½	647.30	58	1,980.66	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Chicago and North Western Rw'y Co	4 8½	791.32	56	487.55	56	1873	120 00	1879	44 00	47 50	.....	.....	.....	.....	45 00	.....	.....
38	Chicago and Pacific R. R. Co	4 8½	.....	.....	95.00	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Chicago, Pekin, and South Western R. R. Co	4 8½	4.10	56	87.90	56	1879	46 00	1879	46 00	65 00	...	.....	.....	.....	.....	.....	6
40	Chicago, Rockford, and Northern R. R. Co	4 8½	.....	.....	25.13	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Chicago, Rock Island, and Pacific Rw'y Co	4 8½	796.00	60	530.25	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Chicago and Rock River R. R. Co	4 8½	.....	.....	50.05	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Chicago, Saint Paul, Minneapolis, and Omaha Rw'y Co	4 8½	175.72	56	118.98	...	1875	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	6
44	Chicago and Springfield R. R. Co	4 8½	.....	.....	123.01	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Chicago and Tomah R. R. Co	3 0	.....	.....	54.00	20	.....	.....	.....	.....	45 00	.....	.....	.....	.....	.....	.....	.....
46	Chippewa Falls and Western Rw'y Co	4 8½	10.35	65	0.65	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Cincinnati, La Fayette, and Chicago R. R. Co	4 8½	12.50	56	51.20	56	1878	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	6
48	Clarinda and Saint Louis R. R. Co	4 8½	.....	.....	11.63	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Clinton, Bloomington, and North Eastern Rw'y Co	4 8½	.....	.....	15.12	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Council Bluffs and Saint Louis Rw'y Co	4 8½	.....	.....	72.23	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Creston and Northern R. R. Co	4 8½	.....	.....	29.35	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Crooked Creek R. R. and Coal Co	3 0	.....	.....	9.00	30	.....	.....	.....	.....	.....	1876	52 00	1876	38 00	65 00	.....	12
53	Crystal City Rw'y Co	4 8½	.....	.....	4.00	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Danville, Olney, and Ohio River R. R. Co	3 0	.....	.....	33.00	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Danville and South Western R. R. Co	4 8½	.....	.....	107.50	56	.....	.....	.....	.....	.....	1872	80 00	1880	56 00	56 00	.....	.....
56	Dent and Phelps R. R. Co	4 8½	.....	.....	4.02	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Des Moines, Adel, and Western R. R. Co	3 0	.....	.....	30.39	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Des Moines and Fort Dodge R. R. Co	4 8½	6.50	56	87.02	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Des Moines and Knoxville Rw'y Co	4 8½	.....	.....	39.36	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Des Moines and Minneapolis R. R. Co	3 0 / 4 8½	34.00	50	29.00	35	1880	47 50	1880	47 50	47 50	.....	.....	.....	.....	45 00	.....	.....
61	Dixon, Peoria, and Hannibal R. R. Co	4 8½	.....	.....	49.11	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Dixon and Quincy R. R. Co	4 8½	.....	.....	6.23	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Dubuque and Dakota R. R. Co	4 8½	31.16	45	35.50	50	1879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Dubuque, Platteville, and Milwaukee R. R.	4 8½	.....	.....	19.50	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Dubuque and Sioux City R. R. Co	4 8½	.....	.....	160.56	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Dubuque Southwestern R. R. Co	4 8½	.....	.....	52.00	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Dunleith and Dubuque Bridge Co	4 8½	.....	.....	0.46	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	East Saint Louis and Carondelet Rw'y Co	4 9	5.00	55	6.67	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	East Saint Louis Connecting Rw'y Co	4 8½	1.00	56	1.27	60	1879	56 50	.....	.....	60 00	.....	.....	.....	.....	.....	.....	.....
70	Elgin and State Line R. R. Co	4 8½	.....	.....	40.78	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA.

CROSS-TIES.													FENCE-POSTS.											
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.							
			Years.													Years.							
Number.	Average cost per tie (cents).		Black oak.	Burr oak.	Cedar.	Elm.	Hemlock.	Oak.	Pine.	Tamarack.	White oak.	Other woods.	Number.	Average cost per post (cents).		Cedar.	Locust.	Oak.	Pine.	Tamarack.	White cedar.	Other woods.	
																							1
																							2
																							3
	25																						4
																							5
																							6
																							7
																							8
160,000	40	White oak						6	3				15,000	11	Cedar	4		3					9
57,521	30												500	11	do								10
110,000	30	White and burr oak		8							8		11,000	7	Cedar								11
103,915	16	White oak					5				7½				do								12
100,000	28										8												13
																							14
5,000	20	Oak						7															15
																							16
																							17
																							18
38,533	47	White oak						7½					18,758	12	Oak			6					19
																							20
																							21
																							22
																							23
																							24
																							25
233,771	50	Oak						8					50,000	9	Oak			8					26
100,400	20	White and burr oak		7			5	8			7												27
557,970	45	Oak						8					65,921	16	Cedar	12							28
																							29
																							30
																							31
145,108	30	Oak					3	6					28,840	11	Cedar	13		10					32
																							33
																							34
																							35
																							36
915,079	29	White oak											36,366	6	Cedar								37
37,600	30	White and burr oak		5							5												38
																							39
																							40
407,559																							41
59,107	35	White oak						7															42
														14	Cedar								43
	15	Cedar																					44
																							45
6,812	40	White and burr oak		8			5				8		7,241	20	Cedar			8					46
																							47
																							48
																							49
																							50
5,000	20	Oak, black walnut, and red elm						6															51
															Oak								52
																							53
23,613	25	White oak		7				7							White oak								54
																							55
		Oak																					56
		do																					57
20,000	22	White oak																					58
																							59
																							60
																							61
30,000	50	White oak											300	11	White cedar								62
																							63
																							64
																							65
																							66
																							67
3,000	46																						68
																							69
																							70

TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS. In present track. Steel. Miles.	Steel. Weight, pounds per yard.	Iron. Miles.	Iron. Weight, pounds per yard.	Steel. First laid. Year.	Steel. First laid. Cost per ton delivered.	Steel. Lowest price paid. Year.	Steel. Lowest price paid. Per ton delivered.	Steel. Present cost per ton delivered.	Iron. Highest price paid. Year.	Iron. Highest price paid. Per ton delivered.	Iron. Lowest price paid. Year.	Iron. Lowest price paid. Per ton delivered.	Iron. Present cost per ton delivered.	Average life. Steel. Years.	Average life. Iron. Years.
71	Fond du Lac, Amboy, and Peoria Rw'y Co	3 0			31.50	30			1877	$45 00								6
72	Fort Dodge and Fort Ridgely R. R. Co	4 8½			31.40	53						1878	$48 00	1879	$37 50	$58 00		6
73	Fort Madison and North Western Rw'y Co	3 0			12.50	30						1879	38 00	1879	38 00	50 00		
74	Galena and Wisconsin R. R. Co	3 0			41.50	33										45 00		
75	Grand Tower Mining, Manufacturing, and Transportation Co	4 8½	0.25	53	31.34	50	1880	$66 00	1880	66 00		1873	85 00			58 00		15
76	Grayville and Mattoon R. R. Co	4 8½			72.10	53												
77	Green Bay and Minnesota R. R. Co	4 8½	33.50	56	200.30	52	1876	74 50			$56 25	1872	85 50	1874	83 50			
78	Grinnell and Montezuma R. R. Co	4 8½			14.12	45						1875	35 30					
79	Hannibal Bridge Co	4 8½	1.50	56	3.24	56	1871				65 00							3
80	Hannibal and Saint Joseph R. R. Co	4 8½	189.25	56	153.23	57	1874		1879	45 75	62 50			1878	36 00			
81	Havana, Rantoul, and Eastern R. R. Co	3 0			79.00	33						1875	53 50	1877	38 00			
82	Illinois Central R. R. Co	4 8½	603.63	60	211.98	53	1869	129 50	1879	44 00	82 50	1864	129 75	1879	34 95			
83	Illinois Grand Trunk Rw'y Co	4 8½			66.68	56												
84	Illinois Midland Rw'y Co	4 8½			157.34	56						1880	72 00	1876	42 00	55 00		7
85	Illinois and Saint Louis R. R. and Coal Co	4 8½	9.00	56	17.00	56	1877	47 00	1877	46 50	65 00							10
86	Indiana, Bloomington, and Western Rw'y Co	4 8½	85.00	60	150.10	58	1873		1880	59 50	60 00							
87	Iowa City and Western Rw'y Co	4 8½			60.00	54												
88	Iowa Eastern R. R. Co	3 0			20.20													
89	Iowa Falls and Sioux City R. R. Co	4 8½			195.68	51												
90	Iowa Midland Rw'y Co	4 8½			73.67	55										45 00		
91	Iowa Railway, Coal, and Manufacturing Co	4 8½			4.00	45						1874	55 00	1874	55 00			
92	Iron Ridge Mining Co	3 0			4.00													
93	Jacksonville Southeastern Rw'y Co	4 8½			32.15	56												
94	Joliet and Chicago R. R. Co	4 8½	73.68	60	16.84	56												
95	Joliet and Northern Indiana R. R. Co	4 8½	39.19	60	18.71		1878										12	5
96	Kankakee and Southwestern R. R. Co	4 8½			48.60	56												
97	Kankakee and Western R. R. Co	4 8½			45.50	56												
98	Kansas City and Eastern Rw'y Co	3 0			45.65													
99	Kansas City, Saint Joseph, and Council Bluffs R. R. Co	4 8½	187.04	56	105.92													
100	Kansas City, Saint Louis, and Chicago R. R. Co	4 8½	162.62	60	21.59	56												
101	Keokuk and Des Moines R. R. Co	4 8½	38.80	60	144.40	54	1871											
102	Keokuk and Saint Paul R. R. Co	4 8½			47.36	56												
103	Leon, Mount Ayr, and Southwestern R. R. Co	4 8½			38.25	56												
104	Little River Valley and Arkansas R. R. Co	3 0			27.10	30												
105	Louisiana and Missouri River R. R. Co	4 8½	35.00	60	70.24	56						1877	42 00	1877	42 00	50 00		
106	Lyndale Rw'y Co	3 0			5.87	30						1880	58 00	1879	38 00	50 00		7
107	Maple River R. R. Co	4 8½			74.91													
108	Milwaukee Cement Rw'y Co	4 8½			1.20													
109	Milwaukee, Lake Shore, and Western Rw'y Co	4 8½	68.00	52	160.50	55	1875	50 00	1875	50 00	65 00	1872	100 00	1877	36 00			8
110	Milwaukee and Northern R. R. Co	4 8½	55.00	52	71.40	56	1879	50 00	1880	60 00	60 00							
111	Mineral Point R. R. Co	4 8½			38.00	56												
112	Minneapolis and Duluth R. R. Co	4 8½			15.10	53						1880	70 00	1879	37 50	58 00		
113	Minneapolis and Saint Louis Rw'y Co	4 8½			153.03	53						1880	70 00	1879	37 50	58 00		6
114	Minnesota and Iowa Southern R. R. Co	4 8½			64.00	50												
115	Minnesota Midland Rw'y Co	3 0			64.00													
116	Minnesota Valley Rw'y Co	4 8½			26.90	56												
117	Mississippi River Bridge Co	4 8½	1.30	60														
118	Missouri, Iowa, and Nebraska Rw'y Co	4 8½			126.37	56												
119	Missouri, Kansas, and Texas Rw'y Co	4 8½	257.00	52	591.86							1872	106 00	1879	36 50	52 00		8
120	Missouri Pacific Rw'y Co	4 9	297.25	56	98.04	54	1872	125 00	1878	45 00		1873	85 00	1880	45 00	45 00	16	4
121	Moline and Southeastern N. G. Rw'y Co	3 6			8.00	20												
122	Moulton and Albia Rw'y Co	4 8½			11.48	56												
123	Nebraska City, Sidney, and Northeastern Rw'y Co	4 8½			22.12	56												
124	Northwestern Union Rw'y Co	4 8½			22.85	60	1875	62 75	1879	44 00	47 50	1873	85 00	1876	45 00	45 00		
125	Oshkosh and Mississippi River R. R. Co	4 8½	47.10	60	22.00													
126	Ottawa, Oswego, and Fox River Valley R. R. Co	4 8½			79.12	56												
127	Peoria and Bureau Valley R. R. Co	4 8½			54.22													
128	Peoria, Decatur, and Evansville Rw'y Co	4 8½	3.00	52	105.20	53	1876	50 00	1878	44 00	61 00	1871	71 00	1878	34 00			
129	Peoria and Hannibal R. R. Co	4 8½			67.93	56												
130	Peoria, Pekin, and Jacksonville Rw'y Co	4 8½	21.85	54	78.12	54												
131	Peoria and Springfield R. R. Co	4 8½	2.00	56	14.50	56		65 00					50 00					
132	Pine River Valley and Stevens Point R. R. Co	3 0			16.50													
133	Plainview R. R. Co	4 8½			16.81	56												
134	Prairie du Chien and McGregor Rw'y Co	4 8½	2.50	58			1877	60 00	1877	60 00								
135	Quincy, Alton, and Saint Louis R. R. Co	4 8½			49.21	56												
136	Quincy, Missouri, and Pacific R. R. Co	4 8½			107.38	58												
137	Quincy and Warsaw R. R. Co	4 8½			42.47	56												
138	Red Oak and Atlantic R. R. Co	4 8½			18.99	56												
139	Rochester and Northern Minnesota Rw'y Co	4 8½			26.98	56												
140	Rock Island and Mercer County R. R. Co	4 8½	22.15				1876											

TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA—Continued.

CROSS-TIES.														FENCE-POSTS.										
Laid during year.			Average life.											Used during year.			Average life.							
			Years.														Years.							
Number.	Average cost per tie (cents).	Kind of wood preferred.	Black oak.	Burr oak.	Cedar.	Elm.	Hemlock.	Oak.	Pine.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).	Kind of wood preferred.	Cedar.	Locust.	Oak.	Pine.	Tamarack.	White cedar.	Other woods.	
300	12	White oak					6						1		10	Cedar								71
		do			8	7		8	6				2			do			7					72
	20	do											3		10	do								73
		Cedar											4			do								74
7,000	30	White oak	5								6		5			Red cedar and catalpa			4					75
													6											76
170,766	16	Oak						7	7	7			7	21,388	4	White cedar						10		77
953	40	White or burr oak											8			White or burr oak			15					78
	35	Oak		7							7		9		10	Oak			10					79
90,798	35	do					3	9					10	14,233	13	Cedar			10					80
	20	Burr oak											11			Burr oak								81
266,567	33	White oak											12											82
													13											83
33,889	38	White oak					5				8		14	831	7	White oak								84
20,300	40	Oak											15											85
55,000	30	White burr oak									8		16	10,000	10	Locust		17	10					86
													17											87
													18											88
													19											89
8,474	29	White oak											20			Cedar								90
1,200	25	Oak						5					21	50	10	Oak								91
													22											92
16,879	40	White oak									8		23	8,000	9				8					93
													24											94
31,444	33	Oak						7					25	8,380	5	Cedar	11							95
													26											96
													27											97
													28											98
													29											99
													30											100
44,996	38	White oak									7		31			Oak			7					101
													32											102
	13	White or burr oak											33											103
													34											104
													35											105
4,000	20	White oak											36											106
													37											107
													38											108
196,000	16	White oak			10	7	7			7	10		39	42,000	4	Cedar	15							109
													40											110
													41											111
													42											112
		White oak and red elm	4		8	8	6		6	5	8		43			Cedar								113
													44											114
													45											115
													46											116
													47											117
162,000	35	White and burr oak		8							8		48	5,000	7	White and burr oak			7					118
													49											119
485,175	35	Black locust									6		50	34,502	65	Black locust			6					120
		Oak											51											121
													52											122
													53											123
24,991	29	Cedar											54			Cedar								124
													55											125
													56											126
													57											127
40,000	30	White oak				6					9		58		6	Oak			6					128
													59											129
													60											130
5,000	50												61	200		Red cedar								131
													62											132
													63											133
		Oak											64											134
													65											135
													66											136
													67											137
													68											138
													69											139
													70											140

TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																	
			In present track.				Steel.					Iron.					Average life.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
141	Rock Island and Peoria Rw'y Co	4 8½	20.00	56	75.50	56	1876	$55 50	1876	$55 50	$63 00	1871	$80 00	1878	$38 50	.....	....	....
142	Saint Charles R. R. Co	4 8½	.....	....	2.40	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
143	Saint Francisville and Lawrenceville R. R. Co	4 9	9.63	56	.....	....	1879	51 25	1879	51 25	.....	....	.....	....	.....	.....	....	....
144	Saint Joe and Desloges Rw'y	3 0	.....	....	14.00	35	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
145	Saint Joseph and Des Moines R. R. Co	3 0	.....	....	51.50	30	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
146	Saint Joseph and Saint Louis R. R. Co	4 8½	.....	....	82.52	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
147	Saint Louis, Alton, and Terre Haute R. R. Co	4 8½	43.00	60	207.60	....	1873	125 00	1879	46 00	55 00	1873	100 00	....	.....	$51 00	....	10
148	Saint Louis Bridge Co	4 8½	2.44	67	.....	....	1874	100 00	1876	52 00	65 00	....	.....	....	.....	.....	....	....
149	Saint Louis, Council Bluffs, and Omaha R. R. Co	4 8½	.....	....	45.71	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
150	Saint Louis, Hannibal, and Keokuk R. R. Co	4 8½	.....	....	45.75	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
151	Saint Louis, Iron Mountain, and Southern Rw'y Co	4 8½	365.23	60	457.96	58	1872	110 00	1879	46 25	64 50	1872	96 00	....	.....	.....	....	3
152	Saint Louis, Jacksonville, and Chicago R. R. Co	4 8½	110.23	60	54.00	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
153	Saint Louis, Keokuk, and Northwestern R. R. Co	4 8½	33.00	56	102.00	56	1876	.....	....	.....	.....	....	.....	....	.....	.....	....	....
154	Saint Louis and Lexington R. R. Co	4 9	.....	....	58.38	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
155	Saint Louis, Ottumwa, and Cedar Rapids R. R. Co	4 8½	.....	....	46.08	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
156	Saint Louis, Rock Island, and Chicago R. R. Co	4 8½	73.00	60	239.03	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
157	Saint Louis, Salem, and Little Rock R. R. Co	4 8½	2.25	54	41.65	56	1880	65 00	....	.....	.....	1872	97 00	....	.....	.....	....	....
158	Saint Louis and San Francisco Rw'y Co	4 8½	284.52	54	167.20	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
159	Saint Louis and Southeastern Rw'y Co	4 8½	45.97	58	193.05	57	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
160	Saint Louis, Vandalia, and Terre Haute R. R. Co	4 8½	63.14	62	124.96	64	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
161	Saint Paul and Duluth R. R. Co	4 8½	45.00	56	141.78	56	1877	.....	....	.....	.....	....	.....	....	.....	.....	20	10
162	Saint Paul, Minneapolis, and Manitoba Rw'y Co	4 8½	122.00	56	598.00	50	1876	65 00	1879	50 00	70 00	1865	175 00	1878	40 00	58 00	.....	....
163	Saint Paul and Sioux City R. R. Co	4 8½	104.37	55	328.62	47	1874	.....	....	.....	.....	....	.....	....	.....	.....	12	6
164	Saint Paul, Stillwater, and Taylor's Falls R. R. Co	4 8½	18.00	....	7.80	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
165	Salem and South Eastern R. R. Co	4 8½	.....	....	1.45	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
166	Salisbury and Glasgow R. R. Co	4 8½	.....	....	16.73	58	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
167	Sedalia, Warsaw, and Southern Rw'y Co	3 0	.....	....	19.50	35	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
168	Sheboygan and Western Rw'y Co	4 8½	.....	....	84.40	55	....	.....	....	.....	.....	1880	62 00	....	.....	.....	....	....
169	Sioux City and Pacific R. R. Co	4 8½	.....	....	120.10	56	....	.....	....	.....	.....	....	.....	....	.....	45 00	....	....
170	Southern Minnesota Rw'y Co	4 8½	20.70	56	163.30	50	....	.....	....	.....	.....	1875	55 39	1878	42 25	48 40	....	....
171	Southern Minnesota Rw'y Extension Co	4 8½	.....	....	145.00	50	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
172	Springfield and Northwestern Rw'y Co	4 8½	.....	....	47.70	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
173	Springfield and Western Missouri R. R. Co	4 8½	.....	....	20.43	45	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
174	Stanwood and Tipton Rw'y Co	4 8½	.....	....	8.82	56	....	.....	....	.....	.....	1878	42 00	1878	40 00	.....	....	....
175	State Line and Union R. R. Co	4 8½	.....	....	8.70	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
176	Stillwater and Saint Paul R. R. Co	4 8½	.....	....	13.07	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
177	Stimson Branch R. R. Co	4 8½	.....	....	4.13	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
178	Sycamore, Cortland, and Chicago R. R. Co	4 8½	.....	....	.....	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
179	Terminal R. R. of Saint Louis and East Saint Louis	4 8½	0.50	52	6.40	52	1879	69 00	1879	69 00	110 00	....	.....	....	.....	.....	....	....
180	Toledo and North Western Rw'y Co	4 8½	4.00	56	16.20	56	1880	47 50	1880	47 50	47 50	....	.....	....	.....	45 00	....	....
181	Toledo, Peoria, and Warsaw Rw'y Co	4 8½	126.00	54	139.50	58	1875	73 00	1879	45 00	65 00	1880	55 00	1878	37 50	55 00	....	7
182	Tunnel R. R. Co. of Saint Louis	4 8½	1.82	67	.....	....	1874	100 00	1880	65 00	65 00	....	.....	....	.....	.....	....	....
183	Union Depot Co. of Kansas City, Mo	4 8½	2.22	52	0.06	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
184	Union Depot Co. of Saint Louis	4 8½	.....	....	2.50	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
185	Union Rw'y and Transit Co. of Saint Louis	4 8½	.....	....	8.50	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
186	Viroqua Rw'y Co	4 8½	.....	....	34.20	....	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
187	Wabash, Chester, and Western R. R. Co	4 8½	.....	....	45.14	50	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
188	Wabash, Saint Louis, and Pacific Rw'y Co	4 8½	1,088.65	56	442.10	56	1866	123 00	1878	45 00	66 00	1872	100 00	1880	50 00	55 00	....	....
189	Waukon and Mississippi R. R. Co	3 0	.....	....	28.60	30	....	.....	....	.....	.....	1870	93 00	1878	40 00	45 00	15	3
190	West End N. G. Rw'y Co	3 0	.....	....	16.38	35	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
191	Western R. R. Co. of Minnesota	4 8½	.....	....	63.29	52	....	.....	....	.....	.....	1876	54 00	....	.....	.....	....	6
192	Winona, Mankato, and New Ulm Rw'y Co	4 8½	.....	....	5.25	56	....	.....	....	.....	.....	....	.....	....	.....	.....	....	....
193	Winona and Saint Peter R. R. Co	4 8½	72.30	56	283.00	56	1875	75 00	1879	44 00	47 50	1877	42 52	1877	39 77	52 50	....	....
194	Wisconsin Central R. R. Co	4 8½	15.20	56	312.99	56	1879	65 00	....	.....	.....	....	.....	....	.....	45 00	....	....
195	Wisconsin Valley R. R. Co	4 8½	6.00	52	115.70	50	1879	63 00	1879	58 00	63 00	1873	72 00	1879	43 00	50 00	....	6

TABLE XI.—ROADWAY AND TRACK.

GROUP IV.—ILLINOIS, IOWA, WISCONSIN, MISSOURI, MINNESOTA—Continued.

CROSS-TIES.														FENCE-POSTS.										
Laid during year.		Kind of wood preferred.	Average life.											Used during year.		Kind of wood preferred.	Average life.							
			Years.														Years.							
Number.	Average cost per tie (cents).		Black oak.	Burr oak.	Cedar.	Elm.	Hemlock.	Oak.	Pine.	Tamarack.	White oak.	Other woods.		Number.	Average cost per post (cents).		Cedar.	Locust.	Oak.	Pine.	Tamarack.	White cedar.	Other woods.	
24,825	38	Oak			7						12			8,429	10									141
27,100	30	White or burr oak						8								Honey locust								142
																								143
																								144
																								145
25,000	25										7				15	White cedar	9		7					146
																								147
																								148
																								149
																								150
467,750	29	White oak									7				9	Catalpa								151
15,000	35	Oak						9								Cedar								152
																								153
																								154
																								155
14,500	22	White and post oak																						156
																								157
																								158
																								159
																								160
60,000	30	White oak				8				6	10			5,000	8	Cedar	8							161
721,000	28	do		6		6			6	6	6				5	do			6		7			162
	32	do						7	5	5	5				14	do								163
																								164
																								165
50,680																								166
		White oak																						167
63,330	44	Oak														Cedar								168
																								169
																								170
																								171
		White oak																						172
																								173
																								174
																								175
																								176
	38	Cedar																						177
		Cedar														Cedar								178
																Cedar								179
49,038	40	White and burr oak		8							8			4,000	7									180
																								181
																								182
																								183
																								184
																								185
3,500	30	Oak						8						100	15	Oak and cedar								186
502,000	38	White oak		7							7			111,960	10	Oak	10							187
1,272	32	White oak																						188
																								189
		Oak				7		10	6							Cedar			8					190
80,054	29	White oak																						191
130,000	16	Oak			7		5	8		5	7			7,000		do	7							192
37,570	24	White oak					4			6	7			5,300	6	Tamarack								193
																								194
																								195

TABLE XI.—ROADWAY AND TRACK.

GROUP V.—LOUISIANA, ARKANSAS, INDIAN TERRITORY.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.														Average life.	
			In present track.				Steel.					Iron.						
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.			Years.	
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Steel.	Iron.
1	Arkansas Midland R. R. Co	3 6	.....	.....	50.00	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	$54 00	.....	.....
2	Atlantic and Pacific R. R. Co	4 8½	.....	.....	34.87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Baton Rouge, Grosse Tête, and Opelousas R. R. Co	5 6	.....	.....	29.00	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Brinkley and Cotton Plant R. R. Co	3 6	.....	.....	11.50	30	.....	.....	.....	.....	.....	1880	$80 00	1878	$50 00	.....	.....	.....
5	Clinton and Port Hudson R. R. Co	4 8½	.....	.....	23.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Hot Springs R. R. Co	3 0	.....	.....	27.00	35	.....	.....	.....	.....	.....	1875	55 00	1875	55 00	.....	.....	.....
7	Iron Mountain and Helena R. R. Co	3 6	.....	.....	26.88	45	.....	.....	.....	.....	.....	1879	77 00	.....	.....	.....	.....	.....
8	Little Rock and Fort Smith Rw'y Co	4 8½	1.00	60	171.35	.....	1879	$65 00	.....	.....	$70 00	.....	.....	.....	.....	54 00	.....	.....
9	Little Rock, Mississippi River, and Texas Rw'y Co	4 8½	.....	.....	113.80	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Memphis and Little Rock R. R. Co	5 0	.....	.....	145.32	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Morgan's Louisiana and Texas R. R. and S. S. Co	4 8½	131.50	58	124.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Vicksburg, Shreveport, and Pacific R. R. Co	5 6	0.40	54	98.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Vidalia and Western R. R. Co	3 0	.....	.....	10.50	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	West Feliciana R. R. Co	4 8½	.....	.....	26.23	56	.....	.....	.....	.....	.....	1879	58 00	.....	.....	.....	.....	.....
												1870	70 50	1846	36 00	.....	.....	25

TABLE XI.—ROADWAY AND TRACK.

GROUP V.—LOUISIANA, ARKANSAS, AND INDIAN TERRITORY.

CROSS-TIES.													FENCE-POSTS.												
Laid during year.		Kind of wood preferred.	Average life.										Used during year.		Kind of wood preferred.	Average life.									
			Years.													Years.									
Number.	Average cost per tie (cents).		Black locust.	Cedar.	Cypress.	Oak.	Pine.	Post oak.	Sassafras.	White oak.	Other woods.		Number.	Average cost per post (cents).		Black locust.	Cedar.	Cypress.	Oak.	Pine.	Post oak.	White oak.	Other woods.	
.....	25	Cypress	8	....	8	6	....	....	6	....	....		200	5	Oak	8	....	....	....	....	6	....	....	1
.....	....		....	....	....	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	2
4,000	25	Cypress	....	....	10	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	3
10,000	12	White oak	....	....	....	....	....	....	....	5	....		.....	....		....	....	....	....	....	....	....	....	4
7,000	....	Cedar	....	20	....	....	....	....	....	5	....		.....	....		....	....	....	....	....	....	....	....	5
10,000	20	Oak	....	....	....	5	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	6
70,000	30	White oak	....	....	....	....	....	....	....	8	....		.....	....		....	....	....	....	....	....	....	....	7
53,281	27	....do	....	....	6	....	....	6	....	6	....		.....	15	Cedar	....	....	....	....	....	....	7	....	8
.....	....		....	....	....	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	9
33,000	32	White oak	....	....	....	6	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	10
.....	50	Cypress	....	....	....	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	11
.....	....		....	....	....	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	12
.....	15	Cypress	....	....	....	....	....	....	....	....	....		.....	....		....	....	....	....	....	....	....	....	13
7,000	45	Cedar	....	16	10	6	....	....	....	....	....		.....	....	Locust	....	....	....	....	....	....	....	....	14

TABLE XI.—ROADWAY AND TRACK.

GROUP VI.—DAKOTA, NEBRASKA, KANSAS, TEXAS, NEW MEXICO, COLORADO, WYOMING, MONTANA, IDAHO, UTAH, ARIZONA, CALIFORNIA, NEVADA, OREGON, WASHINGTON.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																Average life.	
			In present track.				Steel.					Iron.							Years.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.						
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.			Steel.	Iron.
1	Amador Branch R. R. Co	4 8½			30.12	56						1876	$52 50	1876	$52 50					
2	Atchison, Colorado, and Pacific R. R. Co	4 8½			244.32	56														
3	Atchison, Jewell County, and Western R. R. Co	4 8½			35.59															
4	Atchison and Nebraska R. R. Co	4 8½			150.58															
5	Atchison, Topeka, and Santa Fé R. R. Co	4 8½	274.00	52	246.73	53	1876	$65 00	1880	$55 00	$65 00	1880	65 00	1879	34 00	$45 00				
6	Bay and Coast R. R. Co	3 0			29.00															
7	Berkeley Branch R. R. Co	4 8½	3.23	50	1.11	56	1876	75 00	1876	75 00		1876	35 00	1876	35 00					
8	Bingham Canyon and Camp Floyd R. R. Co	3 0	3.00	36	15.40	32	1878													
9	Black Diamond Coal Mining Co	4 8½			6.48															
10	Burlington and Missouri River R. R. Co. in Nebraska	4 8½	54.00		169.92															
11	California Northern R. R. Co	4 8½			27.00	47														
12	California Pacific R. R. Co	4 8½	45.40	55	90.26	50	1876													12
13	Cascade R. R. Co	4 8½			7.00															
14	Central Branch Union Pacific R. R. Co	4 8½			113.27															
15	Central and Montgomery R. R. Co	4 8½			28.75															
16	Central Pacific R. R. Co	4 8½	483.55	55	920.07	56	1872	102 00	1880	52 00	85 00	1867	125 00	1865	65 00					
17	Colorado Central R. R. Co	3 0 4 8½	13.00	45	167.72	35 50	1879	72 00	1879	72 00	75 00	1870	120 00	1877	60 00					11
18	Colorado Central R. R. Co. of Wyoming Territory	4 8½			9.09	56														
19	Corpus Christi, San Diego, and Rio Grande N. G. R. R. Co	3 0	6.00	30	50.00	30	1880													
20	Covington, Columbus, and Black Hills R. R. Co	3 0			27.00															
21	Cowley, Sumner, and Fort Smith R. R. Co	4 8½			99.41							1880	77 50	1879	44 50	60 00				5
22	Dakota Central Rw'y Co	4 8½	73.40	56																
23	Dallas and Wichita R. R. Co	4 8½			20.50	56										60 00				
24	Denver and Boulder Valley R. R. Co	4 8½			28.31	50														
25	Denver and Rio Grande Rw'y Co	3 0	300.00	36	268.30	32														
26	Denver, South Park, and Pacific R. R. Co	3 0			161.56															
27	East Line and Red River R. R. Co	3 0			93.00	30						1880	55 00	1878	42 00	55 00				
28	Elk and Chautauqua R. R. Co	4 8½			12.93	53														
29	Eureka and Palisade R. R. Co	3 0	70.00	32	17.67	40	1874	95 00			62 50	1873	120 00			50 00			30	8
30	Florence, Eldorado, and Walnut Valley R. R. Co	4 8½			30.42	53														
31	Fort Scott, Southeastern, and Memphis Rw'y Co	4 8½			17.30	51														
32	Fremont, Elkhorn, and Missouri Valley R. R. Co	4 8½			113.65	53														
33	Galveston, Harrisburg, and San Antonio Rw'y Co	4 8½	56.00		189.00															
34	Galveston, Houston, and Henderson R. R. Co. of 1871	4 8½			57.69	52						1880	55 00	1855	37 00	52 00				8
35	Georgetown R. R. Co	4 8½			10.50															
36	Golden, Boulder, and Caribou R. R. Co	4 8½			5.60	50														
37	Golden and South Platte Rw'y and Telegraph Co	3 0			2.77	33						1879	62 00							11
38	Gulf, Colorado, and Santa Fé Rw'y Co	4 8½			167.23	56														
39	Gulf, Western Texas, and Pacific Rw'y Co	4 8½	2.00	50	67.70	46	1878													
40	Hastings and Grand Island R. R. Co	4 8½			27.00															
41	Henderson and Overton R. R. Co	4 8½			16.00															
42	Houston, East, and West Texas Rw'y Co	3 0	1.50		72.50															
43	Houston and Texas Central Rw'y Co	4 8½	73.00	56	474.36	56	1879	51 50	1879	51 50	83 00	1872	72 50	1878	49 50					
44	International and Great Northern R. R. Co	4 8½	45.00	56	487.56		1879													
45	Junction City and Fort Kearney R. R. Co	4 8½			74.39	50														
46	Kansas Central R. R. Co	3 0			122.84	33														
47	Kansas City, Burlington, and Santa Fé Rw'y Co	4 8½			44.20	50														
48	Kansas City, Emporia, and Southern R. R. Co	4 8½			66.46	53														
49	Kansas City, Fort Scott, and Gulf R. R. Co	4 8½	58.80	52	127.24	56	1875	72 00	1878	49 50	64 00					50 00				
50	Kansas City, Lawrence, and Southern R. R. Co	4 8½	3.60	52	195.95	51	1879	49 50			64 00					50 00				
51	Kansas City, Topeka, and Western R. R. Co	4 8½			77.86	53														
52	Lake Tahoe N. G. R. R. Co	3 0	10.90	35																
53	Lawrence and Southwestern R. R. Co	4 8½			33.26	50														
54	Leavenworth, Atchison, and North Western R. R. Co	4 9	21.00	56	2.13															
55	Leavenworth Bridge Co	4 8½			1.20															
56	Lincoln and North Western R. R. Co	4 8½			79.92															
57	Longview and Sabine Valley Rw'y Co	3 0			12.50	30						1877	44 00			52 00				
58	Los Angeles and Independence R. R. Co	4 8½			17.94	56														
59	Los Angeles and San Diego R. R. Co	4 8½			30.21	56														
60	Manhattan, Alma, and Burlingame Rw'y Co	4 8½			41.50	48						1880	79 00	1880	60 00	60 00				5
61	Marion and McPherson R. R. Co	4 8½			86.10	48						1880	77 50	1879	39 00	60 00				5
62	Marysville and Blue Valley R. R. Co	4 8½			40.00															
63	Memphis, Kansas, and Colorado R. R. Co	3 0			31.98	30														
64	Mendocino R. R. Co	3 0			4.00	35														
65	Missouri, Kansas, and Texas Extension Rw'y Co	4 8½	4.00	52	59.19	52	1880													
66	Missouri River R. R. Co	4 9	26.00	56	2.60															
67	Monterey R. R. Co	4 8½	15.12	50	1.26	56	1879													
68	Nebraska Rw'y Co	4 8½			145.19															
69	Nevada Central Rw'y Co	3 0			96.25	35						1879	84 80			72 50				9
70	Nevada County N. G. R. R. Co	3 0			24.09							1875	82 50	1880	75 00	75 00				

TABLE XI.—ROADWAY AND TRACK.

GROUP VI.—DAKOTA, NEBRASKA, KANSAS, TEXAS, NEW MEXICO, COLORADO, WYOMING, MONTANA, IDAHO, UTAH, ARIZONA, CALIFORNIA, NEVADA, OREGON, WASHINGTON.

CROSS-TIES.														FENCE-POSTS.									
Laid during year.			Average life.											Used during year.			Average life.						
			Years.														Years.						
Number.	Average cost per tie (cents).	Kind of wood preferred.	Cedar.	Cottonwood.	Cypress.	Elm.	Fir.	Pine.	Redwood.	Spruce.	Sugar pine.	White oak.	Other woods.	Number.	Average cost per post (cents).	Kind of wood preferred.	Black fir.	Cedar.	Nut pine.	Red cedar.	Redwood.	Tamarack.	
																Redwood							1
																							2
																							3
850, 000	50	Oak										8		18, 843	16	Cedar							4
																							5
1, 800	30	Red pine						5															6
																							7
																							8
																							9
2, 600	52	Redwood																					10
		do																					11
																							12
																							13
																							14
																							15
205, 608	49	Redwood	10				10		10	10	10		(a)			Redwood							16
19, 000	40	Red fir					5									Cedar							17
		do					4	4		4													18
								6															19
																							20
366, 000	51	White oak	5									7											21
	45	White oak										5											22
		do						5				7											23
1, 730, 900	30							4															24
																							25
	25	White oak										5											26
8, 000	51	Redwood							10				(b)										27
																							28
1, 500	54	White oak																					29
																							30
	50	Cypress			8			5				4											31
																							32
		White oak						5				7											33
2, 400	26	Red fir						5															34
285, 410	50	White oak														Red cedar				25			35
6, 000	92				6																		36
																							37
																							38
																							39
																							40
100, 000	55	Cypress			6							6											41
	60	White oak										7											42
		do										7											43
																							44
																							45
																							46
74, 816	54	White oak																					47
100, 871	60	do										8	(c) (d)										48
																							49
																							50
																							51
	60	White oak										7											52
																							53
																							54
																							55
800	17	White oak										5	(e)										56
		Redwood																					57
157, 000	60	White oak	5									7											58
228, 000	51	White oak	5									7											59
		White oak																					60
10, 500	42	Post oak																					61
																							62
		Redwood																					63
30, 000	25	Red fir																					64
7, 000	30	Sugar pine									4	7	(f)	1, 060	50	Redwood			5		15		65
																							66
																							67
																							68
																							69
																							70

a Tamarack, 10 years. *b* Yellow pine, 7 years. *c* Burr oak, 8 years. *d* Post oak, 8 years. *e* Post oak, 5 years. *f* White pine, 7 years.

TABLE XI.—ROADWAY AND TRACK.

GROUP VI.—DAKOTA, NEBRASKA, KANSAS, TEXAS, NEW MEXICO, COLORADO, WYOMING, MONTANA, IDAHO, UTAH, ARIZONA, CALIFORNIA, NEVADA, OREGON, WASHINGTON—Continued.

	Name of company.	Width of gauge of track (feet and inches).	RAILS.																Average life.	
			In present track.				Steel.					Iron.							Years.	
			Steel.		Iron.		First laid.		Lowest price paid.			Highest price paid.		Lowest price paid.						
			Miles.	Weight, pounds per yard.	Miles.	Weight, pounds per yard.	Year.	Cost per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.	Year.	Per ton delivered.	Year.	Per ton delivered.	Present cost per ton delivered.			Steel.	Iron.
71	New Mexico and Southern Pacific R. R. Co	4 8½			284.57	53														
72	North Pacific Coast R. R. Co	3 0			86.00															
73	Northern Rw'y Co. of California	4 8½	91.23	50	46.12	56	1876	$75 00	1876	$75 00										
74	Northern Pacific R. R. Co	4 8½	205.50	56	550.28	56	1879	48 00	1879	48 00	$65 00	1870	$90 00	1878	$36 00	$52 50				
75	Omaha, Niobrara, and Black Hills R. R. Co	4 8½			86.00	56										49 00				
76	Omaha and Northern Nebraska R. R. Co	4 8½			66.00															
77	Omaha and Republican Valley R. R. Co	4 8½			137.76															
78	Omaha and Southwestern R. R. Co	4 8½			52.97															
79	Oregon and California R. R. Co	4 8½	8.00	56	203.95	53	1878	55 37	1879	52 37	107 07	1872	82 00	1877	48 00					
80	Oregon Central R. R. Co	4 8½			49.46	53						1872	82 00							
81	Oregon Rw'y and Navigation Co	4 8½			14.30	56														
82	Pioche and Bullionville R. R	3 6			22.00															
83	Pittsburg R. R. Co	4 8½			5.86															
84	Pleasant Hill and De Soto R. R. Co	4 8½			46.03	53														
85	Pueblo and Arkansas Valley R. R. Co	4 8½			257.17	53														
86	Republican Valley R. R. Co	4 8½			230.00															
87	Rio Grande R. R. Co	3 6			23.07	38						1871	71 00							
88	Ruby Hill R. R. Co	3 0			7.00															
89	Sacramento and Placerville R. R. Co	4 8½	4.15	50	50.79	56	1876	92 72	1879	55 00	97 40	1865		1875	90 00					15
90	Saint Joseph and Western R. R. Co	4 8½			235.88	56														
91	Saint Louis, Kansas, and Arizona R. R. Co	4 9			80.87															
92	Saint Louis, Wichita, and Western Rw'y Co	4 8½	145.00	56	8.25		1879	56 50	1879	56 50	72 00								15	
93	Salina and South Western Rw'y Co	4 8½			37.66	50														
94	Salmon Creek R. R. Co	4 8½			8.00															
95	San Francisco and North Pacific R. R. Co	4 8½	1.50	50	99.00	53	1878													8
96	San Luis Obispo and Santa Maria Valley R. R. Co	3 0			11.75	48	1875													
97	San Pablo and Tulare R. R. Co	4 8½	46.52	50	8.85	56	1877	75 00	1877	75 00		1877	36 00	1877	36 00					
98	San Rafael and San Quentin R. R. Co	3 0			3.50															
99	Santa Cruz R. R. Co	3 6			23.16	33														
100	Santa Cruz and Felton R. R. Co	3 0			8.10															
101	Seattle and Walla Walla R. R. Co	3 0			22.00	35						1876	66 00	1878	60 00	62 50				5
102	Short Creek and Joplin R. R. Co	4 8½	5.66	52	11.69	54	1879	59 50	1879	59 50		1879	44 50	1879	41 00					
103	Sioux City and Dakota R. R. Co	4 8½	1.00	59	140.86	45	1880	65 00	1880	70 00	80 00	1872	80 00	1878	40 00	40 00			20	12
104	Solomon R. R. Co	4 8½			60.15	50														
105	Sonoma Valley R. R. Co	3 0			7.50															
106	South Pacific Coast R. R. Co	3 0			55.44															
107	Southern Kansas and Western R. R. Co	4 8½	44.30	52	63.90	52	1879	76 25	1879	50 00	64 75	1880	44 00	1880	38 10	54 10				
108	Southern Pacific R. R. Co	4 8½	389.23	50	375.66	56	1875													
109	Southern Pacific R. R. Co. of Arizona	4 8½	293.93	50	10.31		1878	75 00	1878	75 00	120 00								16	
110	Stockton and Copperopolis R. R. Co	4 8½			47.83	51														
111	Summit County R. R. Co	4 8½			8.00							1880	57 50	1880	45 00					
112	Sumner County R. R. Co	4 8½	0.04	52	20.06	50	1880	76 25	1880	76 25		1880	76 25	1880	76 25					
113	Texas Central Rw'y Co	4 8½	6.00	56	40.50	56	1880	50 00	1880	50 00	65 00									10
114	Texas and New Orleans R. R. Co	4 8½	6.00	56	108.80	56	1879	80 00				1858	110 00							18
115	Texas and Pacific Rw'y Co	4 8½	56.60	56	462.70															
116	Texas and Saint Louis Rw'y Co	3 0	95.00	35	3.00	35														
117	Texas Transportation Co	4 8½			10.15															
118	Texas Western N. G. Rw'y Co	3 0			42.00															
119	Thurston County R. R. Construction Co	3 0			15.00	30						1877	50 00	1877	50 00	50 00				
120	Union Pacific Rw'y Co	4 8½	900.45	48	1,133.43	57	1874	75 00			61 60					49 00				
121	Utah Central R. R. Co	4 8½	5.00	56	35.45	56	1876	95 00	1876	85 00	85 00	1869	100 00			55 00			20	12
122	Utah and Northern Rw'y Co	3 0	20.00	35	308.06	35					60 00					53 50				
123	Utah and Pleasant Valley Rw'y Co	3 0			63.00	32														
124	Utah Southern R. R. Co	4 8½			114.14	56								1879	45 00	55 00				12
125	Utah Southern Extension R. R. Co	4 8½			150.83	56								1879	45 00	55 00				12
126	Utah Western Rw'y Co	3 0			38.02	30						1874	100 00	1877	90 00	65 00				15
127	Vaca Valley and Clear Lake R. R. Co	4 8½			32.50	43						1877	55 00			70 00				
128	Virginia and Truckee R. R. Co	4 8½	52.50	57	16.30		1874	120 00	1879	100 00	85 00								10	3
129	Visalia R. R. Co	4 8½			8.33															
130	Walla Walla and Columbia River R. R. Co	3 0			48.00															
131	Wasatch and Jordan Valley R. R. Co	3 0			10.00	34														
132	Waxahachie Tap R. R. Co	4 8½			12.59	50						1879	65 00	1879	16 50	72 50				
133	Western Development R. R. Co	4 8½	0.13	60																
134	Western Oregon R. R. Co	4 8½	50.53	50	2.78	53	1879	55 00	1879	55 00	100 00	1872	82 00							
135	Wichita and South Western R. R. Co	4 8½			28.60	53														
136	Willamette Valley R. R. Co	3 0			29.25															

TABLE XI.—ROADWAY AND TRACK.

GROUP VI.—DAKOTA, NEBRASKA, KANSAS, TEXAS, NEW MEXICO, COLORADO, WYOMING, MONTANA, IDAHO, UTAH, ARIZONA, CALIFORNIA, NEVADA, OREGON, WASHINGTON—Continued.

CROSS-TIES.														FENCE-POSTS.										
Laid during year.			Average life.											Used during year.			Average life.							
			Years.														Years.							
Number.	Average cost per tie (cents).	Kind of wood preferred.	Cedar.	Cottonwood.	Cypress.	Elm.	Fir.	Pine.	Redwood.	Spruce.	Sugar pine.	White oak.	Other woods.	Number.	Average cost per post (cents).	Kind of wood preferred.	Black fir.	Cedar.	Nut pine.	Red cedar.	Redwood.	Tamarack.		
																								71
																								72
																								73
226,405	22	White oak				7					6	10	(a)			Redwood								74
	60	do											(b)		06	Cedar		12				12		75
																								76
	60	White oak																						77
																								78
51,075	20												(a)											79
20,000																								80
																								81
																								82
																								83
																								84
																								85
																								86
																								87
2,600	40																							88
8,133	40	Redwood						6	12															89
																								90
																								91
410,000		White oak										8												92
	55	do																						93
																								94
6,000	25	Redwood							9					3,000	06	Redwood						10		95
		Redwood														Redwood								96
																do								97
																								98
																								99
																								100
1,125	20	Fir					5																	101
45,804	53	White oak																						102
36,000	42	Cedar	12	5									(c) (d)			Cedar								103
	55	White oak																						104
																								105
																								106
285,648	60	White oak																						107
		Redwood																						108
250,000	90	do							8					1,100	27	Redwood						8		109
																do								110
64,379	50																							111
53,064	62	White oak																						112
264,000	1 00	Pine			6			6				6												113
20,000	45	Cypress			7			5				8												114
		White oak										6												115
																								116
																								117
																								118
	12	Fir					10																	119
844,734	58	White oak						5				7												120
3,000	45	Red pine						8						200	25	Cedar		12						121
69,250	26																							122
		Red pine																						123
10,000	45	do						8					(e)	800	25	Cedar		12						124
12,000	45	do						8					(e)	1,000	25	do		12						125
5,000	23	Red pine						8					(f)											126
		Redwood														Redwood								127
12,000	60	do						4	8							do		10				15		128
																								129
																								130
2,500	30	Red pine						5																131
																								132
																								133
20,000	40												(g)											134
																								135
																								136

a Red fir, 9 years. *b* White pine, 4 years. *c* Hemlock, 10 years. *d* Red elm, 8 years. *e* Black fir, 8 years. *f* Black balsam, 8 years. *g* Black fir, 2 years.

TABLE XII.—SUMMARY OF THE MILES OF FINISHED ROAD WITHIN EACH STATE AND TERRITORY JUNE 30, 1880.

Geographical group.	Alabama.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Dakota.	Delaware.	District of Columbia.	Florida.	Georgia.	Idaho.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	1,780.22	293.93	821.78	2,176.85	1,385.16	922.68	698.60	278.59	28.38	528.60	2,432.87	205.83
Group I						922.68						
Group II								278.59	28.38			
Group III	1,780.22									528.60	2,432.87	
Group IV			303.50				207.37					
Group V			518.28									
Group VI		293.93		2,176.85	1,385.16		491.23					205.83

Geographical group.	Illinois.	Indian territory.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	7,562.39	277.43	4,320.61	4,992.64	3,384.74	1,559.56	521.90	999.35	930.64	1,868.58	3,712.51	2,989.59
Group I								999.35		1,868.58		
Group II	646.66		3,962.96						930.64		3,540.06	
Group III						1,559.56	131.67					
Group IV	6,915.73	243.56	357.65	4,947.74	308.33						172.45	2,761.36
Group V		33.87					390.23					
Group VI				44.90	3,076.41							228.23

Geographical group.	Mississippi.	Missouri.	Montana.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	Ohio.	Oregon.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	1,118.99	3,708.52	18.32	1,823.11	711.82	1,013.11	1,648.92	298.57	5,874.98	1,440.39	5,415.23	347.33
Group I						1,013.11			71.68			
Group II							1,648.92		5,803.30		5,338.62	
Group III	1,110.99									1,440.39	1.21	
Group IV		3,677.65		26.95							75.50	
Group V	8.00											
Group VI		30.87	18.32	1,796.16	711.82			298.57				347.33

Geographical group.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington territory.	West Virginia.	Wisconsin.	Wyoming.
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	5,944.77	209.98	1,392.91	1,816.17	2,696.64	706.34	874.39	1,697.06	212.00	691.56	2,959.84	506.94
Group I		209.98					862.92					
Group II	5,944.77						11.47	0.75		266.50		
Group III			1,392.91	1,816.17				1,696.31		425.06		
Group IV					5.10						2,959.84	
Group V												
Group VI					2,691.54	706.34			212.00			506.94

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD WITHIN EACH STATE JUNE 30, 1880.

Name of company.	GROUP I.						Extending into other groups.	Total.
	Me.	N. H.	Vt.	Mass.	R. I.	Conn.	N. Y.	
Total	*Miles.* 999.35	*Miles.* 1,013.11	*Miles.* 862.92	*Miles.* 1,868.58	*Miles.* 209.98	*Miles.* 922.68	*Miles.* 71.68	*Miles.* 5,948.30
Addison R. R. Co			14.60				1.00	15.60
Aroostook River R. R. Co	15.00							15.00
Ashburnham R. R. Co				2.50				2.50
Ashuelot R. R. Co		23.07	0.65	0.01				23.73
Atlantic and Saint Lawrence R. R. Co	82.60	53.25	14.98					150.83
Attleborough Branch R. R. Co				4.00				4.00
Bangor and Piscataquis R. R. Co	62.80							62.80
Belfast and Moosehead Lake R. R. Co	33.20							33.20
Bennington and Glastenbury R. R. Co			8.97					8.97
Bennington and Rutland Rw'y Co			58.90					58.90
Berkshire R. R. Co				22.00				22.00
Boston and Albany R. R. Co				193.45			56.63	250.08
Boston, Barre, and Gardner R. R. Co				36.53				36.53
Boston, Clinton, Fitchburg, and New Bedford R. R. Co				125.33				125.33
Boston, Concord, and Montreal R. R. Co		166.30						166.30
Boston and Lowell R. R. Co				74.92				74.92
Boston and Maine R. R. Co	46.50	37.50		42.50				126.50
Boston and New York Air-Line R. R. Co						50.84		50.84
Boston and Providence R. R. Co				53.33	10.42			63.75
Boston, Revere Beach, and Lynn R. R. Co				8.62				8.62
Boston, Winthrop, and Point Shirley R. R. Co				2.60				2.60
Bucksport and Bangor R. R. Co	18.75							18.75
Burlington and Lamoille R. R. Co			34.43					34.43
Central Vermont R. R. Co			111.47					111.47
Cheshire R. R. Co		42.81		10.81				53.62
Colchester R. R. Co						3.58		3.58
Concord R. R. Co		41.53						41.53
Concord and Claremont R. R. Co		71.01						71.01
Concord and Portsmouth R. R. Co		40.48						40.48
Connecticut Central R. R. Co						27.05		27.05
Connecticut and Passumpsic Rivers R. R. Co			110.00					110.00
Connecticut River R. R. Co				55.22				55.22
Connecticut Valley R. R. Co						46.18		46.18
Connecticut Western R. R. Co						67.60		67.60
Danbury and Norwalk R. R. Co						33.80		33.80
Danvers R. R. Co				9.26				9.26
Dexter and Newport R. R. Co	14.00							14.00
Dorchester and Milton R. R. Co				3.30				3.30
Dover and Winnipiseogee R. R. Co		28.25						28.25
Eastern R. R. Co. of Massachusetts				118.33				118.33
Eastern R. R. Co. of New Hampshire		16.08						16.08
Essex County R. R. Co. (a)								
European and North American Rw'y Co	114.00							114.00
Fall River R. R. Co				12.25				12.25
Fall River, Warren, and Providence R. R. Co				3.06	2.13			5.79
Fitchburg R. R. Co		9.37		83.52				92.89
Framingham and Lowell R. R. Co				26.12				26.12
Grafton Centre R. R. Co				3.00				3.00
Grand Trunk Rw'y Co. of Canada (section in United States)			16.00					16.00
Hanover Branch R. R. Co				7.78				7.78
Holyoke and Westfield R. R. Co				14.32				14.32
Hopkinton R. R. Co				11.45				11.45
Horn Pond Branch R. R. Co				0.66				0.66
Houlton Branch R. R. Co	3.00							3.00
Housatonic R. R. Co						74.00		74.00
Knox and Lincoln R. R. Co	49.00							49.00
Lamoille Valley R. R. Co. (a)								
Lancaster R. R. Co				8.50				8.50
Lewiston and Auburn R. R. Co	5.41							5.41
Lowell and Andover R. R. Co				10.10				10.10
Maine Central R. R. Co	303.80							303.80
Manchester and Keene R. R. Co		29.55						29.55
Manchester and Lawrence R. R. Co		23.45						23.45
Manchester and North Weare R. R. Co		19.50						19.50
Martha's Vineyard R. R. Co				8.78				8.78
Middlesex Central R. R. Co				11.17				11.17
Milford and Woonsocket R. R. Co				3.88				3.88
Missisquoi R. R. Co			28.75					28.75
Missisquoi and Clyde Rivers R. R. Co			21.75					21.75
Monadnock R. R. Co		13.76		2.04				15.80
Montpelier and Saint Johnsbury R. R. Co. (a)								
Montpelier and Wells River R. R. Co			38.22					38.22
Montpelier and White River R. R. Co			6.50					6.50
Moshassuck Valley R. R. Co					2.00			2.00
Mount Washington R. R. Co		3.33						3.33
Narragansett Pier R. R. Co					8.50			8.50
Nashua, Acton, and Boston R. R. Co		4.75		15.46				20.21
Nashua and Lowell R. R. Co		5.25		9.01				14.26
Nashua and Rochester R. R. Co		48.39						48.39
Naugatuck R. R. Co						56.55		56.55

a See Portland and Ogdensburg R. R. line, Vermont division.

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group I.						Extending into other groups.	Total.
	Me.	N. H.	Vt.	Mass.	R. I.	Conn.	N. Y.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Newburyport R. R. Co				26.98				26.98
Newburyport City R. R. Co				2.08				2.08
New Canaan R. R. Co						8.30		8.30
New Haven and Derby R. R. Co						13.00		13.00
New Haven and Northampton Co				32.62		66.39		99.01
New London Northern R. R. Co			10.84	54.00		56.00		120.84
Newport and Wickford R. R. and Steamboat Co					3.40			3.40
New York, Housatonic, and Northern R. R. Co						5.50		5.50
New York and New England R. R. Co				100.89	28.14	134.84		263.87
New York, New Haven, and Hartford R. R. Co				5.87		120.63	14.05	140.55
New York, Providence, and Boston R. R. Co					46.63	17.00		63.63
North Brookfield R. R. Co				4.16				4.16
Northern R. R. Co. of New Hampshire		82.03						82.03
Norway Branch R. R. Co	1.36							1.36
Norwich and Worcester R. R. Co				18.50		47.98		66.48
Old Colony R. R. Co				283.02	16.19			299.21
Pawtuxet Valley R. R. Co					5.67			5.67
Peterborough R. R. Co		10.77						10.77
Peterborough and Hillsborough R. R. Co		18.23						18.23
Pittsfield and North Adams R. R. Co				18.65				18.65
Pontiac Branch R. R. Co					4.69			4.69
Portland and Ogdensburg R. R. Co	51.00	40.36						91.36
Portland and Ogdensburg R. R. line, Vermont division, comprising Essex County R. R.			22.20					22.20
Lamoille Valley R. R			78.70					78.70
Montpelier and Saint Johnsbury R. R			19.10					19.10
Portland and Oxford Central R. R. Co	27.50							27.50
Portland and Rochester R. R. Co	49.00	3.50						52.50
Portland, Saco, and Portsmouth R. R. Co	50.76							50.76
Portsmouth and Dover R. R. Co		10.88						10.88
Portsmouth, Great Falls, and Conway R. R. Co	3.00	68.37						71.37
Profile and Franconia Notch R. R. Co		10.00						10.00
Providence and Springfield R. R. Co					22.80			22.80
Providence, Warren, and Bristol R. R. Co					13.60			13.60
Providence and Worcester R. R. Co				26.01	24.40			50.41
Rhode Island Central R. R. Co					8.68			8.68
Rhode Island and Massachusetts R. R. Co. (in Massachusetts)				6.62				6.62
Rhode Island and Massachusetts R. R. Co. (in Rhode Island)					7.02			7.02
Rockville R. R. Co						4.80		4.80
Rumford Falls and Buckfield R. R. Co	1.50							1.50
Rutland R. R. Co			119.70					119.70
Rutland and Whitehall R. R. Co			6.83					6.83
Saint Croix and Penobscot R. R. Co	16.25							16.25
Salem and Rutland R. R. Co			29.32					29.32
Sandy River R. R. Co	18.00							18.00
Shepaug R. R. Co						32.28		32.28
Shore Line Rw'y Co						49.51		49.51
Somerset R. R. Co	25.05							25.05
South Manchester R. R. Co						2.25		2.25
Spencer R. R. Co				2.17				2.17
Springfield and New London R. R. Co				7.27				7.27
Springfield and Northeastern R. R. Co				48.50				48.50
Stockbridge and Pittsfield R. R. Co				22.00				22.00
Stony Brook R. R. Co				13.16				13.16
Sullivan County R. R. Co		25.24						25.24
Suncook Valley R. R. Co		17.48						17.48
Troy and Greenfield R. R. and Hoosac Tunnel			6.16	43.93				50.09
Union Freight R. R. Co				2.45				2.45
Vermont and Canada R. R. Co			67.40					67.40
Vermont and Massachusetts R. R. Co				58.80				58.80
Vermont Valley R. R. Co. of 1871			23.61					23.61
Ware River R. R. Co				49.41				49.41
Watertown and Waterbury R. R. Co						4.60		4.60
West Amesbury Branch R. R. Co		2.25		2.25				4.50
West Stockbridge R. R. Co				2.75				2.75
Whitefield and Jefferson R. R. Co		12.28						12.28
Whitneyville and Machiasport R. R. Co	7.87							7.87
Wilton R. R. Co		15.43						15.43
Wolfeborough R. R. Co		12.03						12.03
Wood River Branch R. R. Co					5.71			5.71
Woodstock R. R. Co			13.84					13.84
Worcester and Nashua R. R. Co		6.63		39.46				46.09
Worcester and Shrewsbury R. R. Co				2.62				2.62

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
Total	Miles. 5,803.30	Miles. 5,944.77	Miles. 5,338.62	Miles. 3,540.06	Miles. 3,962.96	Miles. 930.64	Miles. 278.59	Miles. 1,648.92	Miles. 28.38	Miles. 266.50	Miles. 646.66	Miles. 11.47	Miles. 0.75	Miles. 28,401.62
Adirondack Co	60.00													60.00
Albany and Susquehanna R. R. Co	142.51													142.51
Albany and Vermont R. R. Co	12.18													12.18
Allegan and Southeastern R. R. Co				11.50										11.50
Allegheny Valley R. R. Co		258.90												258.90
Allentown R. R. Co		4.50												4.50
Alliance and Lake Erie R. R. Co			25.00											25.00
Anderson, Lebanon, and Saint Louis R. R. Co					19.00									19.00
Annapolis and Elk Ridge R. R. Co						20.50								20.50
Antwerp and Paulding R. R. Co			4.50											4.50
Ashtabula and Pittsburgh Rw'y Co			62.60											62.60
Atlantic Avenue R. R. Co	9.68													9.68
Avon, Geneseo, and Mount Morris R. R. Co	17.56													17.56
Bachman Valley R. R. Co. of Maryland						5.00								5.00
Bachman Valley R. R. Co. of Pennsylvania		9.00												9.00
Bald Eagle Valley R. R. Co		53.87												53.87
Baltimore and Hanover R. R. Co						20.00								20.00
Baltimore and Ohio R. R. Co						184.37			6.43	244.20				435.00
Baltimore and Ohio and Chicago R. R. Co			110.31		146.39						5.90			262.60
Baltimore and Potomac R. R. Co						83.25			8.18					91.43
Baltimore Short Line Rw'y Co			30.20											30.20
Bangor and Portland Rw'y Co		8.26												8.26
Barclay Coal Co		16.23												16.23
Bath and Hammondsport R. R. Co	9.40													9.40
Bedford and Bridgeport R. R. Co		49.20												49.20
Bedford, Springville, Owensburg, and Bloomfield R. R. Co.					41.29									41.29
Bellaire and South Western Rw'y Co			42.00											42.00
Bellefonte and Snow Shoe R. R. Co		21.40												21.40
Bell's Gap R. R. Co		8.30												8.30
Belvidere Delaware R. R. Co								68.59						68.59
Berlin R. R. Co		8.10												8.10
Berlin Branch R. R. Co		7.00												7.00
Black River and Morristown R. R. Co	36.45													36.45
Blairstown Rw'y Co								11.33						11.33
Boston, Hoosac Tunnel, and Western Rw'y Co	32.54											6.47		39.01
Bowling Green R. C. Co			5.50											5.50
Bradford, Bordell, and Kinzua R. R. Co		17.81												17.81
Breakwater and Frankford R. R. Co							20.15							20.15
Brookfield Coal Co		2.09												2.09
Brooklyn, Bath, and Coney Island R. R. Co	7.25													7.25
Brooklyn, Flatbush, and Coney Island Rw'y Co	7.50													7.50
Brooklyn and Montauk R. R. Co	62.50													62.50
Brooklyn and Rockaway Beach R. R. Co	6.15													6.15
Buffalo, Bradford, and Pittsburgh R. R. Co	7.81	18.16												25.97
Buffalo Creek R. R. Co	4.26													4.26
Buffalo Erie Basin R. R. Co	0.25													0.25
Buffalo, New York, and Erie R. R. Co	139.95													139.95
Buffalo, New York, and Philadelphia Rw'y Co	78.65	41.90												120.55
Buffalo and South Western R. R. Co	68.39													68.39
Camden and Atlantic R. R. Co								60.00						60.00
Camden and Burlington County R. R. Co								29.61						29.61
Camden, Gloucester, and Mount Ephraim Rw'y Co								7.00						7.00
Canada Southern Bridge Co				3.00										3.00
Carbon and Otter Creek Valley R. R. Co					1.60									1.60
Carthage, Watertown, and Sackett's Harbor R. R. Co.	30.00													30.00
Catasauqua and Fogelsville R. R. Co		25.00												25.00
Catawissa R. R. Co		100.05												100.05
Cayuga and Susquehanna R. R. Co	34.61													34.61
Cazenovia, Canastota, and De Ruyter Rw'y Co	28.59													28.59
Celina, Van Wert, and State Line Extension of Columbus and North Western Rw'y Co.			10.38											10.38
Central R. R. Co. of New Jersey								100.19						100.19
Central Ohio R. R. Co			137.29											137.29
Champlain and Saint Lawrence Rw'y Co	1.21													1.21
Charlotteburg and Green Lake R. R. Co								4.25						4.25
Chartiers Rw'y Co		22.76												22.76
Chateaugay R. R. Co	17.70													17.70
Chemung R. R. Co	17.40													17.40
Cherry Valley, Sharon, and Albany R. R. Co	20.99													20.99
Chester R. R. Co								10.00						10.00
Chester Creek R. R. Co		7.25												7.25
Chester and Delaware River R. R. Co		4.10												4.10
Chester Valley R. R. Co		21.52												21.52
Chestnut Hill R. R. Co		4.13												4.13
Chicago and Block Coal R. R. Co					14.00									14.00
Chicago and Canada Southern Rw'y Co			4.50	63.10										67.60
Chicago, Cincinnati, and Louisville R. R. Co					71.47									71.47
Chicago, Detroit, and Canada Grand Trunk Junction R. R. Co.				59.25										59.25
Chicago and Grand Trunk Rw'y Co				224.48	86.12						25.86			336.46
Chicago, Saginaw, and Canada R. R. Co				38.00										38.00
Chicago and West Michigan R. R. Co				245.60										245.60

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Cincinnati and Baltimore Rw'y Co			6.00											6.00
Cincinnati and Eastern Rw'y Co			66.58											66.58
Cincinnati, Hamilton, and Dayton R. R. Co			59.88											59.88
Cincinnati, Hamilton, and Indianapolis R. R. Co			19.20		79.70									98.90
Cincinnati, Indianapolis, Saint Louis, and Chicago Rw'y Co.			20.64		156.66									177.30
Cincinnati and Muskingum Valley Rw'y Co			148.45											148.45
Cincinnati and Portsmouth R. R. Co			20.55											20.35
Cincinnati, Richmond, and Chicago R. R. Co			36.00											36.00
Cincinnati, Richmond, and Fort Wayne R. R. Co					86.36									86.36
Cincinnati, Rockport, and Southwestern Rw'y Co					38.00									38.00
Cincinnati, Sandusky, and Cleveland R. R. Co			169.26											169.26
Cincinnati and Springfield Rw'y Co			47.80											47.80
Cincinnati, Wabash, and Michigan Rw'y Co					110.70									110.70
Cincinnati and Westwood R. R. Co			5.63											5.63
Clayton and Theresa R. R. Co	15.87													15.87
Cleveland, Columbus, Cincinnati, and Indianapolis Rw'y Co.			306.40		84.55									390.95
Cleveland and Mahoning Valley Rw'y Co			124.26											124.26
Cleveland and Marietta R. R. Co			99.33											99.33
Cleveland, Mount Vernon, and Delaware R. R. Co			143.92											143.92
Cleveland, Painesville, and Ashtabula R. R. Co			7.65											7.65
Cleveland and Pittsburgh R. R. Co		15.00	182.66											197.66
Cleveland, Tuscarawas Valley, and Wheeling Rw'y Co.			158.75											158.75
Clove Branch R. R. Co	4.09													4.09
Colebrookdale R. R. Co		12.80												12.80
College Hill R. R. Co			6.00											6.00
Columbia and Port Deposit R. R. Co		28.73				11.27								40.00
Columbus, Chicago, and Indiana Central Rw'y Co			136.00		416.60						27.90			580.50
Columbus and Hocking Valley R. R. Co			104.07											104.07
Columbus, Kinkora, and Springfield R. R. Co								14.18						14.18
Columbus and Maysville Rw'y Co			19.00											19.00
Columbus, Springfield, and Cincinnati R. R. Co			44.37											44.37
Columbus and Toledo R. R. Co			117.77											117.77
Columbus, Washington, and Cincinnati R. R. Co			20.18											20.18
Columbus and Xenia R. R. Co			54.74											54.74
Connecting Rw'y Co		7.31												7.31
Connotton Valley R. R. Co			37.88											37.88
Cooperstown and Susquehanna Valley R. R. Co	16.00													16.00
Corning, Cowanesque, and Antrim Rw'y Co	14.67	48.46												63.13
Cornwall R. R. Co		9.23												9.23
Crown Point Iron Co	13.00													13.00
Cumberland and Maurice River R. R. Co								21.28						21.28
Cumberland and Pennsylvania R. R. Co						50.50				0.20				50.70
Cumberland Valley R. R. Co		68.32												68.32
Dayton and Michigan R. R. Co			139.80											139.80
Dayton and Southeastern R. R. Co			107.11											107.11
Dayton and Union R. R. Co			31.74											31.74
Dayton and Western R. R. Co			37.23											37.23
Dayton, Xenia, and Belpre R. R. Co			16.00											16.00
Delaware R. R. Co						4.16	96.34							100.50
Delaware Bay and Cape May R. R. Co								3.00						3.00
Delaware and Bound Brook R. R. Co								30.70						30.70
Delaware and Chesapeake Rw'y Co						40.12	14.00							54.12
Delaware and Hudson Canal Co		39.09												39.09
Delaware, Lackawanna, and Western R. R. Co		207.50												207.50
Delaware River R. R. Co								20.00						20.00
Delaware Western R. R. Co		2.39					17.61							20.00
Detroit and Bay City R. R. Co				146.05										146.05
Detroit, Grand Haven, and Milwaukee Rw'y Co				191.65										191.65
Detroit, Hillsdale, and Southwestern R. R. Co				64.80										64.80
Detroit, Lansing, and Northern R. R. Co				208.38										208.38
Detroit, Monroe, and Toledo R. R. Co			7.62	51.46										59.08
Dillsburg and Mechanicsburg R. R. Co		7.70												7.70
Dorchester and Delaware R. R. Co						25.00								25.00
Dunkirk, Allegheny Valley, and Pittsburgh R. R. Co.	42.30	48.30												90.60
East Brandywine and Waynesburg R. R. Co		28.11												28.11
East Broad Top R. R. and Coal Co		30.39												30.39
East Mahanoy R. R. Co		10.70												10.70
East Pennsylvania R. R. Co		36.00												36.00
Eastern Ohio R. R. Co			7.75											7.75
Eastern Shore R. R. Co						38.00								38.00
Easton and Amboy R. R. Co								60.00						60.00
Ebensburg and Cresson R. R. Co		11.00												11.00
Edgewood R. R. Co		1.00												1.00
Eel River R. R. Co														
Elmira, Jefferson, and Canandaigua R. R. Co	46.60				93.84									93.84
Elmira State Line R. R. Co	6.25													46.60
Elmira and Williamsport R. R. Co	6.80	69.90												6.25
Emlenton, Shippenville, and Clarion Rw'y Co		29.70												76.70
Emmittsburg R. R. Co														29.70
Erie and Genesee Valley R. R. Co	12.29					7.00								7.00
														12.29

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Erie International Rw'y Co	4.26													4.26
Erie and Pittsburgh R. R. Co		84.47												84.47
Evansville and Terre Haute R. R. Co					136.88									136.88
Evansville, Terre Haute, and Chicago Rw'y Co					42.81						6.00			48.81
Evergreen Rw'y Co		2.61												2.61
Fairland, Franklin, and Martinsville R. R. Co					38.30									38.30
Fall Brook Coal Co		6.09												6.09
Fayette County R. R. Co		11.80												11.80
Ferro Monte R. R. Co								1.00						1.00
Flemington R. R. and Transportation Co								11.67						11.67
Flint and Père Marquette Rw'y Co				284.01										284.01
Florence Branch R. R. Co								2.15						2.15
Flushing, North Shore, and Central R. R. Co	30.74													30.74
Fonda, Johnstown, and Gloversville R. R. Co	10.00													10.00
Fort Wayne and Jackson R. R. Co				46.00	54.00									100.00
Fort Wayne, Muncie, and Cincinnati R. R. Co					104.18									104.18
Foxburg, Saint Petersburg, and Clarion R. R. Co		13.20												13.20
Frankford and Holmesburg R. R. Co		4.16												4.16
Frankfort and Kokomo R. R. Co					25.40									25.40
Franklin R. R. Co						13.92								13.92
Frederick and Pennsylvania Line R. R. Co						28.00								28.00
Freehold and Jamesburg Agricultural R. R. Co								27.49						27.49
Freehold and New York Rw'y Co								13.64						13.64
Garnerville R. R. Co	0.91													0.91
Geneva, Ithaca, and Sayre R. R. Co	113.03													113.03
Geneva and Lyons R. R. Co	14.00													14.00
Glendale and East River R. R. Co	2.70													2.70
Glens Falls R. R. Co	5.74													5.74
Gloversville and Northville R. R. Co	16.17													16.17
Goshen and Deckertown Rw'y Co	11.65													11.65
Grand Haven R. R. Co				58.40										58.40
Grand Rapids and Indiana R. R. Co				280.50	53.20									333.70
Grand Rapids, Newaygo, and Lake Shore R. R. Co				45.60										45.60
Grand River Valley R. R. Co				84.00										84.00
Greene R. R. Co	8.10													8.10
Greenlick N. G. Rw'y Co		3.50												3.50
Greenwich and Johnsonville Rw'y Co	15.00													15.00
Hackensack R. R. Co								6.25						6.25
Hanover Junction, Hanover, and Gettysburg R. R. Co.		30.00												30.00
Hanover and York R. R. Co		18.60												18.60
Harlem Extension R. R. Co	53.00											5.00		58.00
Harlem River and Port Chester R. R. Co	11.55													11.55
Harrisburg, Portsmouth, Mount Joy, and Lancaster R. R. Co.		53.67												53.67
Harrisburg and Potomac R. R. Co		27.13												27.13
Harrison Branch R. R. Co			7.75											7.75
Hecla and Torch Lake R. R. Co				4.17										4.17
Hibernia Mine R. R. Co								5.50						5.50
Hibernia Underground R. R. Co								1.00						1.00
High Bridge R. R. Co								17.42						17.42
Hobart and Manistee River R. R. Co				9.24										9.24
Hoboken Land and Improvement Co								3.21						3.21
Huntingdon and Broad Top Mountain R. R. and Coal Co.		61.52												61.52
Indiana Block Coal R. R. Co					14.00									14.00
Indianapolis, Decatur, and Springfield Rw'y Co					76.24						75.76			152.00
Indianapolis, Delphi, and Chicago R. R. Co					38.55									38.55
Indianapolis, Peru, and Chicago Rw'y Co					72.87									72.87
Indianapolis and Saint Louis R. R. Co					71.84									71.84
Indianapolis and Vincennes R. R. Co					116.63									116.63
Iron R. R. Co			16.50											16.50
Ironton R. R. Co		10.00												10.00
Ithaca, Auburn, and Western Rw'y Co	26.57													26.57
Jackson, Lansing, and Saginaw R. R. Co				236.00										236.00
Jamestown and Franklin R. R. Co		50.91												50.91
Jefferson R. R. Co		44.87												44.87
Jeffersonville, Madison, and Indianapolis R. R. Co					183.19									183.19
Jerome Park Rw'y Co	1.08													1.08
Jersey City and Albany Rw'y Co	14.20							12.00						26.20
Junction R. R. Co		3.68												3.68
Junction and Breakwater R. R. Co							45.00							45.00
Kalamazoo, Allegan, and Grand Rapids R. R. Co				58.42										58.42
Kalamazoo and South Haven R. R. Co				40.00										40.00
Kalamazoo and White Pigeon R. R. Co				36.57										36.57
Karns City and Butler R. R. Co		17.00												17.00
Kendall and Eldred R. R. Co		15.00												15.00
Kent County R. R. Co						25.00								25.00
Keystone Coal Co		5.50												5.50
Kingan R. R					0.42									0.42
Kings County Central R. R. Co	3.25													3.25
Lake Champlain and Moriah R. R. Co	7.38													7.38
Lake Erie, Evansville, and South Western Rw'y Co.					17.00									17.00

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	GROUP II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Lake Erie and Louisville R. R. Co					20.84									20.84
Lake Erie and Western Rw'y Co			124.00		157.20						81.00			362.20
Lake George and Muskegon River R. R. Co				18.13										18.13
Lake Ontario Southern Rw'y Co	33.60													33.60
Lake Shore and Michigan Southern Rw'y Co	71.00	49.32	369.77	192.95	167.81						14.02			864.87
Lancaster and Reading N. G. R. R. Co		15.22												15.22
Lawrence R. R. Co		9.36	12.68											22.04
Lehigh Coal and Navigation Co		155.70												155.70
Lehigh and Lackawanna R. R. Co		25.00												25.00
Lehigh Valley R. R. Co		244.06												244.06
Lewisburg Bridge Co		0.24												0.24
Lewisburg and Tyrone R. R. Co		43.18												43.18
Lewistown and Tuscarora Bridge Co		0.11												0.11
Ligonier Valley R. R. Co		10.50												10.50
Little Miami R. R. Co			83.98											83.98
Little Saw Mill Run R. R. Co		3.00												3.00
Little Schuylkill Navigation R. R. and Coal Co		31.10												31.10
Littles Town R. R. Co		9.40												9.40
Lockport and Buffalo Rw'y Co	13.89													13.89
Long Branch and Sea Girt R. R. Co								3.40						3.40
Long Branch and Sea Shore R. R. Co								11.00						11.00
Long Island R. R. Co	160.03													160.03
Longwood Valley R. R. Co								13.26						13.26
Louisville, New Albany, and Chicago Rw'y Co					288.00									288.00
Louisville, New Albany, and St. Louis Rw'y Co					27.00						18.00			45.00
Lykens Valley R. R. and Coal Co		19.74												19.74
McKean and Buffalo R. R. Co		22.15												22.15
Mahoning Coal R. R. Co			43.40											43.40
Marietta and Cincinnati R. R. Co			275.80											275.80
Marine Rw'y Co	2.00													2.00
Marquette, Houghton, and Ontonagon R. R. Co				87.13										87.13
Massillon and Cleveland R. R. Co			12.23											12.23
May's Landing and Egg Harbor City R. R. Co								7.00						7.00
Menominee R. R. Co				24.71										24.71
Metropolitan Elevated Rw'y Co	16.66													16.66
Michigan Air-Line R. R. Co				109.10	5.62									114.72
Michigan Air-Line Rw'y Co				26.10										26.10
Michigan Central R. R. Co				221.00	43.00						6.00			270.00
Michigan City and Indianapolis R. R. Co					12.75									12.75
Michigan Midland and Canada Rw'y Co				15.00										15.00
Middleburgh and Schoharie R. R. Co	5.75													5.75
Middletown and Crawford R. R. Co	10.22													10.22
Middletown, Unionville, and Water Gap R. R. Co	13.90													13.90
Midland R. R. Co. of New Jersey								71.10						71.10
Mifflin and Centre County R. R. Co		12.42												12.42
Mill Creek and Mine Hill Navigation and R. R. Co		7.27												7.27
Millstone and New Brunswick R. R. Co								6.14						6.14
Mine Hill and Schuylkill Haven R. R. Co		53.70												53.70
Mineral Range R. R. Co				12.50										12.50
Mont Alto R. R. Co		17.87												17.87
Montgomery and Erie Rw'y Co	10.22													10.22
Montour R. R. Co		11.00												11.00
Montrose Rw'y Co		27.18												27.18
Morris and Essex Rw'y Co								118.22						118.22
Mount Carbon and Port Carbon R. R. Co		2.50												2.50
Mount Gilead Short Line Rw'y Co			2.00											2.00
Mount Holly, Lumberton, and Medford R. R. Co								.19						6.19
Mount Hope Mineral R. R. Co								3.50						3.50
Mount Pleasant and Broad Ford R. R. Co		9.70												9.70
Muncy Creek Rw'y Co		6.00												6.00
Muskegon River and Rose Lake R. R. Co				7.50										7.50
Nesquehoning Valley R. R. Co		17.62												17.62
Newark and Bloomfield R. R. Co								4.25						4.25
Newark and Delaware City R. R. Co							20.24							20.24
Newark and Hudson R. R. Co								5.62						5.62
Newark, Somerset, and Straitsville R. R. Co			44.00											44.00
Newburgh, Dutchess, and Connecticut R. R. Co	59.42													59.42
Newburgh and New York R. R. Co	12.59													12.59
New Castle R. R. and Mining Co		5.00												5.00
New Castle and Beaver Valley R. R. Co		14.98												14.98
New Castle and Franklin R. R. Co		37.65												37.65
New Egypt and Farmingdale R. R. Co								7.43						7.43
New Jersey and New York R. R. Co	19.00							10.50						29.50
New Jersey Southern Rw'y Co								85.50						85.50
Newry R. R. Co		1.00												1.00
Newtown and Flushing R. R. Co	3.97													3.97
New York, Bay Ridge, and Jamaica R. R. Co	8.16													8.16
New York, Boston, and Montreal Rw'y Co	3.95													3.95
New York and Canada R. R. Co	149.94													149.94
New York Central and Hudson River R. R. Co	743.22													743.22
New York Central Niagara River R. R. Co	2.81													2.81
New York and Coney Island R. R. Co	2.41													2.41
New York Elevated R. R. Co	15.33													15.33
New York and Flushing R. R. Co	4.30													4.30
New York and Fort Lee R. R. Co								1.79						1.79

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
New York and Greenwood Lake Rw'y Co								44.60						44.60
New York and Harlem R. R. Co	133.91													133.91
New York, Lake Erie, and Western R. R. Co	483.55	42.15						0.10						525.80
New York and Long Beach R. R. Co	6.09													6.09
New York and Long Branch R. R. Co								23.35						23.35
New York and Manhattan Beach Rw'y Co	5.44													5.44
New York, Ontario, and Western Rw'y Co	344.60													344.60
New York, Pennsylvania, and Ohio R. R. Co	49.24	126.20	247.83											423.27
New York and Rockaway R. R. Co	8.91													8.91
New York and Sea Beach R. R. Co	6.00													6.00
Niagara Bridge and Canandaigua R. R. Co	98.46													98.46
Norristown Junction R. R. Co		0.36												0.36
North East Pennsylvania R. R. Co		9.56												9.56
North Pennsylvania R. R. Co		88.20												88.20
Northern R. R. Co. of New Jersey	1.44							19.84						21.28
Northern Central Rw'y Co		101.55				44.20								145.75
Northern Central Michigan R. R. Co				61.14										61.14
Northern Coal and Iron Co		18.89												18.89
Northwestern Ohio Rw'y Co			79.17											79.17
Nyack and Northern R. R. Co	4.38													4.38
Ogden Mine R. R. Co								10.80						10.80
Ogdensburg and Lake Champlain R. R. Co	117.48													117.48
Ogdensburg and Morristown R. R. Co	10.67													10.67
Ohio Central R. R. Co			49.43											49.43
Ohio and Mississippi Rw'y Co			19.52		225.20						371.50			616.22
Oil City and Ridgeway Rw'y and Mining Co		6.00												6.00
Olean, Bradford, and Warren R. R. Co	12.53													12.53
Olean, Bradford, and Warren Rw'y Co		10.43												10.43
Oswego and Rome R. R. Co	28.49													28.49
Oswego and Syracuse R. R. Co	34.98													34.98
Painesville, Canton, and Bridgeport R. R. Co			5.00											5.00
Painesville and Youngstown Rw'y Co			61.80											61.80
Parker and Karns City R. R. Co		10.50												10.50
Passaic and Delaware R. R. Co								14.02						14.02
Paterson and Hudson River R. R. Co								15.07						15.07
Paterson, Newark, and New York R. R. Co								10.91						10.91
Paterson and Ramapo R. R. Co								15.02						15.02
Paulding and Cecil Rw'y Co			4.50											4.50
Paw Paw R. R. Co				4.00										4.00
Peach Bottom Rw'y Co		54.50												54.50
Pemberton and Hightstown R. R. Co								24.47						24.47
Pemberton and Sea Shore R. R. Co								18.08						18.08
Pennsylvania R. R. Co		428.83												428.83
Pennsylvania R. R. Co. in Maryland		0.20				6.05								6.25
Pennsylvania Coal Co		15.61												15.61
Pennsylvania and New York Canal and R. R. Co		114.26												114.26
People's Rw'y Co		3.47												3.47
Perkiomen R. R. Co		38.56												38.56
Perth Amboy and Woodbridge R. R. Co								6.30						6.30
Philadelphia and Atlantic City Rw'y Co								54.50						54.50
Philadelphia and Baltimore Central R. R. Co		36.75				9.25								46.00
Philadelphia and Erie R. R. Co		287.49												287.49
Philadelphia, Germantown, and Norristown R. R. Co.		20.20												20.20
Philadelphia, Newtown, and New York R. R. Co		21.60												21.60
Philadelphia and Reading R. R. Co		341.06												341.06
Philadelphia and Trenton R. R. Co		26.44												26.44
Philadelphia, Wilmington, and Baltimore R. R. Co		18.86				58.07	35.25							112.18
Pickering Valley R. R. Co		11.00												11.00
Pinconning R. R. Co				23.23										23.23
Pittsburgh and Castle Shannon R. R. Co		6.00												6.00
Pittsburgh, Cincinnati, and Saint Louis Rw'y Co		35.10	125.36							7.10				167.56
Pittsburgh and Connellsville R. R. Co		145.90				2.70								148.60
Pittsburgh, Fort Wayne, and Chicago Rw'y Co		48.80	251.80		153.00						14.72			468.32
Pittsburgh and Lake Erie R. R. Co		61.15	7.59											68.74
Pittsburgh Southern Rw'y Co		35.12												35.12
Pittsburgh, Titusville, and Buffalo Rw'y Co	36.30	119.60												155.90
Pittsburgh, Virginia, and Charleston Rw'y Co		30.00												30.00
Pittsburgh and Western R. R. Co		46.00												46.00
Plattsburgh and Dannemora R. R	15.92													15.92
Plymouth R. R. Co		9.25												9.25
Pomeroy and State Line R. R. Co		21.26												21.26
Port Huron and Northwestern Rw'y Co				37.00										37.00
Port Jervis and Monticello R. R. Co	23.75													23.75
Poughkeepsie, Hartford, and Boston R. R. Co	41.70													41.70
Prospect Park and Coney Island R. R. Co	8.62													8.62
Queen Anne and Kent R. R. Co						25.00								25.00
Reading and Columbia R. R. Co		51.34												51.34
Reading and Lehigh R. R. Co		41.20												41.20
Rensselaer and Saratoga R. R. Co	106.50													106.50
Rhinebeck and Connecticut R. R. Co	35.20													35.20
Richmond and Miami Rw'y Co					7.19									7.19
Rochester and Genesee Valley R. R. Co	18.26													18.26
Rochester and Lake Ontario Rw'y Co	6.05													6.05
Rochester and State Line Rw'y Co	107.69													107.69
Rocky Hill R. R. and Transportation Co								6.53						6.53

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	GROUP II.									Extending into other groups.				Total.
	N.Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N.J.	D.C.	W.Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Rocky River R. R. Co			5.53											5.53
Rome and Clinton R. R. Co	12.88													12.88
Rome, Watertown, and Ogdensburg R. R. Co	383.81													383.81
Saginaw and Clare County R. R. Co				14.68										14.68
Saginaw and Grand Rapids R. R. Co				3.60										3.60
Saginaw and Mount Pleasant R. R. Co				15.02										15.62
Saginaw Valley and Saint Louis R. R. Co				29.00										29.00
Saint Clairsville Rw'y Co			6.65											6.65
Salem R. R. Co								16.58						16.58
Salisbury R. R. Co		11.18												11.18
Sandusky, Mansfield, and Newark R. R. Co			116.25											116.25
Saratoga and Schenectady R. R. Co	21.56													21.56
Schenectady and Duanesburg R. R. Co	13.79													13.79
Schoharie Valley Rw'y Co	4.38													4.38
Schuylkill Valley Navigation and R. R. Co		18.57												18.57
Scioto Valley Rw'y Co			97.20											97.20
Shamokin Valley and Pottsville R. R. Co		29.62												29.62
Sharon Rw'y Co		11.76												11.76
Sharpsville R. R. Co		11.80												11.80
Shelby and Rush R. R. Co					18.33									18.33
Shenango and Allegheny R. R. Co		45.00												45.00
Silver Lake Rw'y Co	6.50													6.50
Skaneateles R. R. Co	5.00													5.00
Smithtown and Port Jefferson R. R. Co	19.01													19.01
Smyrna and Delaware Bay R. R. Co						5.00	17.00							22.00
Somerset and Cambria R. R. Co		8.81												8.81
South Branch R. R. Co								15.50						15.50
South Mountain Rw'y and Mining Co		17.00												17.00
South West Pennsylvania Rw'y Co		50.16												50.16
Southern Central R. R. Co	115.90													115.90
Southern Hempstead Branch R. R. Co	5.42													5.42
Southern Pennsylvania Rw'y and Mining Co		23.30												23.30
Southfield Branch R. R. Co	1.00													1.00
Spring Brook R. R. Co		8.25												8.25
Springfield Southern Rw'y Co			113.45											113.45
Springville and Sardinia R. R. Co	12.00													12.00
Spuyten Duyvil and Port Morris R. R. Co	6.05													6.05
State Line and Sullivan R. R. Co		24.00												24.00
Staten Island Rw'y Co	13.00													13.00
Sterling Mountain Rw'y Co	7.60													7.60
Stewart Line R. R	16.34													16.34
Stony Creek R. R. Co		11.15												11.15
Strasburg R. R. Co		4.25												4.25
Summit Branch R. R. Co		0.82												0.82
Sunbury, Hazelton, and Wilkesbarre R. R. Co		43.44												43.44
Sunbury and Lewistown Rw'y Co		43.33												43.33
Suspension Bridge and Erie Junction R. R. Co	23.28													23.28
Sussex R. R. Co								36.60						36.60
Swedesborough R. R. Co								10.80						10.80
Syracuse, Binghamton, and New York R. R. Co	81.00													81.00
Syracuse, Chenango, and New York R. R. Co	43.49													43.49
Syracuse, Geneva, and Corning Rw'y Co	57.75													57.75
Tawas and Bay County R. R. Co				21.00										21.00
Terre Haute and Indianapolis R. R. Co					101.18									101.18
Terre Haute and Logansport R. R. Co					95.12									95.12
Terre Haute and South Eastern R. R. Co					40.00									40.00
Tioga R. R. Co		47.80												47.80
Toledo and Ann Arbor R. R. Co			5.00	39.70										44.70
Toledo, Canada Southern, and Detroit Rw'y Co			8.60	47.27										55.87
Toledo, Delphos, and Burlington R. R. Co			117.93		37.60									155.53
Toledo and Grand Rapids R. R. Co			5.80											5.80
Toledo and South Haven R. R. Co				9.00										9.00
Tom's River and Waretown R. R. Co								15.00						15.00
Traverse City R. R. Co				26.00										26.00
Trenton and Delaware Bridge Co								0.19						0.19
Tresckow R. R. Co		6.50												6.50
Troy and Bennington R. R. Co	5.38													5.38
Troy and Boston R. R. Co	34.74													34.74
Troy and Greenbush R. R. Association	5.77													5.77
Troy Union R. R. Co	2.14													2.14
Tuckerton R. R. Co								31.00						31.00
Tyrone and Clearfield Rw'y Co		62.54												62.54
Ulster and Delaware R. R. Co	73.23													73.23
Union R. R. Co. of Baltimore						6.05								6.05
Union R. R. Co. of New York	0.79													0.79
Union Rw'y Co. of Indianapolis					3.23									3.23
Union R. R. Transfer and Stock-yard Co. of Indianapolis					12.10									12.10
United New Jersey R. R. and Canal Co								137.63						137.63
Utica and Black River R. R. Co	86.82													86.82
Utica, Chenango, and Susquehanna Valley R. R. Co.	97.41													97.41
Utica, Clinton, and Binghamton R. R. Co	31.30													31.30
Utica, Ithaca, and Elmira Rw'y Co	65.80													65.80
Valley R. R. Co	11.64													11.64
Valley Rw'y Co			60.30											60.30
Van Wert and Paulding R. R. Co			3.00											3.00

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group II.									Extending into other groups.				Total.
	N. Y.	Pa.	Ohio.	Mich.	Ind.	Md.	Del.	N. J.	D. C.	W. Va.	Ill.	Vt.	Va.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Vincentown Branch of the Burlington County R. R. Co.								2.84						2.84
Vineland Rw'y Co								47.50						47.50
Wallkill Valley Rw'y Co	32.80													32.80
Warren R. R. Co								18.25						18.25
Warwick Valley R. R. Co	15.13							6.50						21.63
Washington Branch R. R. Co						27.13			3.87					31.00
Washington City and Point Lookout R. R. Co						2.60			9.90					12.50
Washington County R. R. Co						24.25								24.25
Watchung Rw'y Co								4.00						4.00
Waverly and State Line R. R. Co	0.25													0.25
Waynesburg and Washington R. R. Co		27.93												27.93
West Chester R. R. Co		5.20												5.20
West Chester and Philadelphia R. R. Co		26.30												26.30
West End R. R. Co								1.55						1.55
West Jersey R. R. Co								101.07						101.07
West Jersey and Atlantic R. R. Co								34.46						34.46
West Troy and Green Island R. R. Co	1.08													1.08
Western Maryland R. R. Co		0.50				90.00								90.50
Western Pennsylvania R. R. Co		84.55												84.55
Wheeling and Lake Erie R. R. Co			12.50											12.50
Wheeling, Pittsburgh, and Baltimore R. R. Co		17.00								15.00				32.00
White River R. R. Co				5.12										5.12
White Water R. R. Co					62.00									62.00
Wicomico and Pocomoke R. R. Co						30.00								30.00
Williamstown R. R. Co								9.50						9.50
Wilmington and Northern R. R. Co		63.78					13.00							76.78
Worcester R. R. Co						35.25							0.75	36.00
Worcester and Somerset R. R. Co						9.00								9.00
Youghiogheny R. R. Co		10.00												10.00

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group III.										Extending into other groups.		Total.
	Va.	W. Va.	Ky.	Tenn.	Miss.	Ala.	Ga.	Fla.	N. C.	S. C.	La.	Ohio.	
Total	*Miles.* 1,696.31	*Miles.* 425.06	*Miles.* 1,559.56	*Miles.* 1,816.17	*Miles.* 1,110.99	*Miles.* 1,780.22	*Miles.* 2,432.87	*Miles.* 528.60	*Miles.* 1,440.39	*Miles.* 1,392.91	*Miles.* 131.67	*Miles.* 1.21	*Miles.* 14,315.96
Alabama Central R. R. Co					7.73	87.27							95.00
Alabama Great Southern R. R. Co				2.00	19.00	245.00	24.00						290.00
Alexandria and Fredericksburg Rw'y Co	32.27												32.27
Alexandria and Washington R. R. Co	4.96												4.96
Ashley River R. R. Co										3.50			3.50
Atlanta and Charlotte Air-Line Rw'y Co							100.63		42.50	126.50			269.63
Atlanta and West Point R. R. Co							79.67						79.67
Atlantic, Gulf, and West India Transit R. R. Co								155.00					155.00
Atlantic, Mississippi, and Ohio R. R. Co	428.36												428.36
Atlantic and North Carolina R. R. Co									95.00				95.00
Atlantic, Tennessee, and Ohio R. R. Co									48.00				48.00
Augusta and Savannah R. R. Co							53.00						53.00
Blue Ridge R. R. Co										32.50			32.50
Brighthope Rw'y Co	21.00												21.00
Brunswick and Albany R. R. Co							171.00						171.00
Cape Fear and Yadkin Valley Rw'y Co									46.50				46.50
Carolina Central Rw'y Co									242.00				242.00
Central R. R. and Banking Co. of Georgia							312.00						312.00
Charlotte, Columbia, and Augusta R. R. Co									12.30	178.70			191.00
Cheraw and Chester R. R. Co										23.00			23.00
Cheraw and Darlington R. R. Co										40.00			40.00
Cherokee Iron and R. R. Co							37.00						37.00
Chesapeake and Ohio Rw'y Co	225.78	202.25											428.03
Chester and Lenoir N. G. R. R. Co									13.02	36.67			49.69
Chicago, Saint Louis, and New Orleans R. R. Co			42.05	116.42	319.62						88.53		566.62
Cincinnati, Cumberland Gap, and Charleston R. R. Co.				40.00									40.00
Cincinnati Southern Rw'y Co			196.69	133.76								1.01	331.46
Clarksburg, Weston, and Glenville R. R. and Transportation Co.		26.25											26.25
Columbus and Rome R. R. Co							31.50						31.50
Cumberland and Ohio R. R. Co			30.50										30.50
Cumberland and Ohio R. R. Co., Northern division			5.10										5.10
Duck River Valley N. G. R. R. Co				34.52									34.52
East Alabama Rw'y Co						26.00							26.00
East Tennessee, Virginia, and Georgia R. R. Co				255.00			15.00						270.00
Eastern Kentucky Rw'y Co			34.15										34.15
Eatonton Branch R. R. Co							21.00						21.00
Elberton Air-Line R. R. Co							49.86						49.86
Elizabethtown, Lexington, and Big Sandy R. R. Co.			33.60										33.60
Florida Central R. R. Co								59.50					59.50
Franklin and Pittsylvania R. R. Co	29.75												29.75
Georgia R. R. and Banking Co							307.00						307.00
Georgia Southern R. R. Co							64.20						64.20
Glasgow R. R. Co			10.50										10.50
Grand Gulf and Port Gibson R. R. Co					7.50								7.50
Greenville and Columbia R. R. Co										163.50			163.50
Greenville, Columbus, and Birmingham R. R. Co					10.00								10.00
Hartwell R. R. Co							10.00						10.00
Jacksonville, Pensacola, and Mobile R. R. Co								175.00					175.00
Jamesville and Washington R. R. Co									22.00				22.00
Kentucky Central R. R. Co			80.00										80.00
Knoxville and Augusta R. R. Co				16.00									16.00
Knoxville and Ohio R. R. Co				39.19									39.19
Laurel Fork and Sand Hill R. R. Co		5.50											5.50
Laurens R. R. Co										31.04			31.04
Lexington and Big Sandy R. R. Co			16.93										16.93
Licking Valley R. R. Co			17.00										17.00
Louisville Bridge Co			2.25										2.25
Louisville, Cincinnati, and Lexington Rw'y Co			174.70										174.70
Louisville, Harrod's Creek, and Westport R. R. Co			11.00										11.00
Louisville and Nashville R. R. Co			393.09	258.64									651.73
Louisville Railway Transfer Co			4.13										4.13
Louisville and Wadley R. R. Co							10.00						10.00
Macon and Brunswick R. R. Co							198.25						198.25
Marietta and North Georgia R. R. Co							23.85						23.85
Martinsburg and Potomac R. R. Co		11.80											11.80
Maysville and Lexington R. R. Co., Northern div			50.00										50.00
Maysville and Lexington R. R. Co., Southern div			19.00										19.00
Memphis and Charleston R. R. Co				98.75	34.38	156.87							290.00
Memphis, Paducah, and Northern R. R. Co			45.74	65.63									111.37
Milton and Sutherlin N. G. R. R. Co	5.00								2.00				7.00
Mississippi and Tennessee R. R. Co				9.01	90.06								99.07
Mississippi Valley and Ship Island R. R. Co					10.00								10.00
Mobile and Alabama Grand Trunk R. R. Co						56.25							56.25
Mobile and Girard R. R. Co						83.00	2.00						85.00
Mobile and Montgomery Rw'y Co						180.00							180.00
Mobile and North Western R. R. Co					29.71								29.71
Mobile and Ohio R. R. Co			19.70	119.09	304.16	62.65							505.60
Montgomery and Eufaula Rw'y Co						80.00							80.00
Mount Sterling Coal Road Co			20.00										20.00
Nashville, Chattanooga, and Saint Louis Rw'y Co			7.00	416.40		26.50	2.60						452.50

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group III.										Extending into other groups.		Total.
	Va.	W. Va.	Ky.	Tenn.	Miss.	Ala.	Ga.	Fla.	N. C.	S. C.	La.	Ohio.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Nashville and Decatur R. R. Co				92.97		26.12							119.09
Nashville and Tuscaloosa R. R. Co				20.90									20.90
Natchez, Jackson, and Columbus R. R. Co					43.00								43.00
New Orleans, Mobile, and Texas R. R. Co					73.83	29.03					38.14		141.00
New Orleans and Selma R. R. Co						20.00							20.00
Newport and Cincinnati Bridge Co			0.54									0.20	0.74
Norfolk and Ocean View R. R. and Hotel Co	8.02												8.02
North Carolina R. R. Co									223.15				223.15
North Eastern R. R. Co. of Georgia							40.00						40.00
North Eastern R. R. Co. of South Carolina										102.00			102.00
North Western North Carolina R. R. Co									25.57				25.57
Owensboro' and Nashville R. R. Co			35.00										35.00
Paducah and Elizabethtown R. R. Co			185.70										185.70
Parkersburg Branch R. R. Co		103.50											103.50
Peninsular R. R. Co								20.00					20.00
Pennsboro' and Harrisville, Ritchie Co., Rw'y Co		9.00											9.00
Pensacola R. R. Co						0.30		44.20					44.50
Pensacola and Mobile R. R. and Manufacturing Co.								5.00					5.00
Pensacola and Perdido R. R. Co								9.00					9.00
Pensacola and Selma R. R. Co						40.00							40.00
Petersburg R. R. Co	56.31								2.69				59.00
Piedmont R. R. Co	6.50								42.16				48.66
Pine Hill R. R. Co			3.50										3.50
Pittsburgh, Wheeling, and Kentucky R. R. Co		24.26											24.26
Pontchartrain R. R. Co											5.00		5.00
Port Royal and Augusta Rw'y Co							3.00			109.00			112.00
Potomac R. R. Co	1.70												1.70
Potomac, Fredericksburg, and Piedmont R. R. Co.	38.00												38.00
Pratt Coal and Coke Co						9.56							9.56
Raleigh and Augusta Air-Line R. R. Co									96.00				96.00
Raleigh and Gaston R. R. Co									97.00				97.00
Richmond and Danville R. R. Co	151.32												151.32
Richmond, Fredericksburg, and Potomac R. R. Co.	78.75												78.75
Richmond, Fredericksburg, and Potomac, and Richmond and Petersburg Connection R. R. Co.	1.25												1.25
Richmond and Petersburg R. R. Co	22.50												22.50
Richmond, York River, and Chesapeake R. R. Co.	38.50												38.50
Roane Iron Co				5.50									5.50
Rogersville and Jefferson R. R. Co				15.73									15.73
Rome R. R. Co							20.00						20.00
Saint John's Rw'y Co. of Florida								14.50					14.50
Saint John's and Lake Eustis Rw'y Co								24.70					24.70
Saint Louis and South Eastern Rw'y Co., Kentucky division.			98.09										98.09
Saint Louis and South Eastern Rw'y Co., Tennessee division.				37.16									37.16
Sandersville and Tennille R. R. Co							3.33						3.33
Savannah and Charleston R. R. Co							12.00			86.00			98.00
Savannah, Florida, and Western Rw'y Co							326.60	21.70					348.30
Savannah, Griffin, and North Alabama R. R. Co							60.00						60.00
Savannah and Memphis R. R. Co						60.00							60.00
Savannah, Skidaway, and Seaboard R. R. Co							11.12						11.12
Seaboard and Roanoke R. R. Co	59.56								19.00				78.56
Selma and Greensboro' R. R. Co						43.03							43.03
Selma, Rome, and Dalton R. R. Co						171.80							171.80
Shelby R. R. Co			18.60										18.60
Shenandoah Valley R. R. Co	37.00	19.50											56.50
Ship Island, Ripley, and Kentucky R. R. Co				5.00	20.00								25.00
South Carolina R. R. Co							1.00			242.00			243.00
South and North Alabama R. R. Co						188.88							188.88
South Western R. R. Co. of Georgia						0.63	305.37						306.00
South Western R. R. Co. of Kentucky			5.00										5.00
Spartanburg and Asheville R. R. Co									23.00	26.50			49.50
Spartanburg, Union, and Columbia R. R. Co										68.00			68.00
Tennessee Coal and R. R. Co				18.00									18.00
Tuskegee R. R. Co						5.33							5.33
Upson County R. R. Co							16.00						16.00
Valley R. R. Co. of Virginia	25.78												25.78
Vicksburg and Brunswick R. R. Co						21.00							21.00
Vicksburg and Meridian R. R. Co					142.00								142.00
Washington City, Virginia Midland, and Great Southern R. R. Co.	344.50												344.50
Washington and Ohio R. R. Co	51.50												51.50
Western R. R. Co. of Alabama						161.00	0.39						161.39
Western and Atlantic R. R.				16.50			121.50						138.00
Western North Carolina R. R. Co									140.00				140.00
Wilmington, Columbia, and Augusta R. R. Co									68.00	124.00			192.00
Wilmington and Weldon R. R. Co									180.50				180.50
Winchester and Potomac R. R. Co	9.00	23.00											32.00
Winchester and Strasburg R. R. Co	19.00												19.00

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group IV.					Extending into other groups.									Total.
	Ill.	Iowa.	Wis.	Mo.	Minn.	Ind.	Dak.	Mich.	Kans.	Ark.	Nebr.	Ohio.	Ind. T.	Tex.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	6,915.73	4,947.74	2,959.84	3,677.65	2,761.36	357.65	207.37	172.45	308.33	303.50	26.95	75.50	243.50	5.10	22,962.73
Albia, Knoxville, and Des Moines R. R. Co		32.89													32.89
American Central R. R. Co	50.59														50.59
Belleville and Eldorado R. R. Co	49.67														49.67
Belleville and Southern Illinois R. R. Co	56.43														56.43
Boone County and Boonville R. R. Co				21.75											21.75
Boonville, Saint Louis, and Southern Rw'y Co.				25.75											25.75
Brownville and Nodaway Valley Rw'y Co		25.24		9.75											34.99
Brunswick and Chillicothe R. R. Co				38.00											38.00
Burlington, Cedar Rapids, and Northern Rw'y Co.		401.80													401.80
Burlington and Northwestern Rw'y Co		38.22													38.22
Burlington and Southwestern Rw'y Co		78.00		64.30											142.30
Cairo and Saint Louis R. R. Co	146.50														146.50
Cairo and Vincennes R. R. Co	150.38					6.92									157.30
Caledonia, Mississippi, and Western R. R. Co					58.71										58.71
Carbondale and Shawneetown R. R. Co	17.50														17.50
Carthage and Burlington R. R. Co	30.41														30.41
Cedar Falls and Minnesota R. R. Co		75.58													75.58
Cedar Rapids and Missouri River R. R. Co		274.20													274.20
Central Iowa Rw'y Co		190.64													190.64
Central R. R. Co. of Minnesota					40.00										40.00
Centerville, Moravia, and Albia R. R. Co		24.00													24.00
Champaign, Havana, and Western Rw'y Co.	131.00														131.00
Chariton, Des Moines, and Southern R. R. Co		32.83													32.83
Chatfield R. R. Co					11.46										11.46
Cherry Valley R. R. Co				6.50											6.50
Chicago and Alton R. R. Co	387.94														387.94
Chicago, Bellevue, Cascade, and Western R. R. Co.		35.70													35.70
Chicago, Burlington, and Quincy R. R. Co	367.67	400.69													768.36
Chicago, Clinton, Dubuque, and Minnesota R. R. Co.		183.20			24.90										208.10
Chicago, Clinton, and Western Rw'y Co		9.65													9.65
Chicago and Dakota Rw'y Co					46.39										46.39
Chicago and Eastern Illinois R. R. Co	112.00					19.48									131.48
Chicago and Iowa R. R. Co	80.00														80.00
Chicago, Iowa, and Nebraska R. R. Co		82.40													82.40
Chicago and Milwaukee Rw'y Co	44.76		40.24												85.00
Chicago, Milwaukee, and Saint Paul Rw'y Co.	175.55	640.59	805.55		482.44		144.73								2,248.86
Chicago and Northwestern Rw'y Co	406.40		458.88					172.45							1,037.73
Chicago and Pacific R. R. Co	88.00														88.00
Chicago, Pekin, and Southwestern R. R. Co	85.50														85.50
Chicago, Rockford, and Northern R. R. Co	23.00														23.00
Chicago, Rock Island, and Pacific Rw'y Co.	189.71	686.53		169.81					2.00						1,048.05
Chicago and Rock River R. R. Co	46.80														46.80
Chicago, Saint Paul, Minneapolis, and Omaha Rw'y Co.			269.70												269.70
Chicago and Springfield R. R. Co	111.47														111.47
Chicago and Tomah R. R. Co			52.00												52.00
Chippewa Falls and Western Rw'y Co			10.35												10.35
Cincinnati, La Fayette, and Chicago R. R. Co	29.80					26.50									56.30
Clarinda and Saint Louis R. R. Co		11.25													11.25
Clinton, Bloomington, and Northeastern Rw'y Co.	14.12														14.12
Council Bluffs and Saint Louis Rw'y Co		66.75													66.75
Creston and Northern R. R. Co		27.70													27.70
Crooked Creek R. R. and Coal Co		8.50													8.50
Crystal City Rw'y Co				4.00											4.00
Danville, Olney, and Ohio River R. R. Co	31.00														31.00
Danville and Southwestern R. R. Co	103.10														103.10
Dent and Phelps R. R. Co				3.88											3.88
Des Moines, Adel, and Western R. R. Co		28.80													28.80
Des Moines and Fort Dodge R. R. Co		87.20													87.20
Des Moines and Knoxville Rw'y Co		34.92													34.92
Des Moines and Minneapolis R. R. Co		58.00													58.00
Dixon, Peoria, and Hannibal R. R. Co	44.49														44.49
Dixon and Quincy R. R. Co	6.23														6.23
Dubuque and Dakota R. R. Co		63.82													63.82
Dubuque, Platteville, and Milwaukee R. R.			18.00												18.00
Dubuque and Sioux City R. R. Co		142.89													142.89
Dubuque Southwestern R. R. Co		49.00													49.00
Dunleith and Dubuque Bridge Co		0.46													0.46
East Saint Louis and Carondolet Rw'y Co	11.50														11.50
East Saint Louis Connecting Rw'y Co	1.02														1.02
Elgin and State Line R. R. Co	36.34														36.34
Fond du Lac, Amboy, and Peoria Rw'y Co			30.00												30.00
Fort Dodge and Fort Ridgely R. R. Co		28.40													28.40
Fort Madison and Northwestern Rw'y Co		12.00													12.00
Galena and Wisconsin R. R. Co	10.00		30.00												40.00
Grand Tower Mining, Manufacturing, and Transportation Co.	24.39														24.39

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	GROUP IV.					Extending into other groups.									Total.
	Ill.	Iowa.	Wis.	Mo.	Minn.	Ind.	Dak.	Mich.	Kans.	Ark.	Nebr.	Ohio.	Ind. T.	Tex.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Grayville and Mattoon R. R. Co	70.70														70.70
Green Bay and Minnesota R. R. Co			218.80												218.80
Grinnell and Montezuma R. R. Co		13.62													13.62
Hannibal Bridge Co	2.01			0.93											2.94
Hannibal and Saint Joseph R. R. Co				292.35											292.35
Havana, Rantoul, and Eastern R. R. Co	67.50					8.00									75.50
Illinois Central R. R. Co	705.50														705.50
Illinois Grand Trunk Rw'y Co	62.43														62.43
Illinois Midland Rw'y Co	144.90														144.90
Illinois and Saint Louis R. R. and Coal Co	18.00														18.00
Indiana, Bloomington, and Western Rw'y Co.	125.75					76.55									202.30
Iowa City and Western Rw'y Co		57.50													57.50
Iowa Eastern R. R. Co		19.70													19.70
Iowa Falls and Sioux City R. R. Co		183.69													183.69
Iowa Midland Rw'y Co		68.80													68.80
Iowa Rw'y, Coal, and Manufacturing Co		3.50													3.50
Iron Ridge Mining Co				4.00											4.00
Jacksonville Southeastern Rw'y Co	30.68														30.68
Joliet and Chicago R. R. Co	37.20														37.20
Joliet and Northern Indiana R. R. Co	29.00					16.00									45.00
Kankakee and Southwestern R. R. Co	45.25														45.25
Kankakee and Western R. R. Co	43.54														43.54
Kansas City and Eastern Rw'y Co				43.00											43.00
Kansas City, Saint Joseph, and Council Bluffs R. R. Co.		53.09		197.89											250.98
Kansas City, St. Louis, and Chicago R. R. Co				162.62											162.62
Keokuk and Des Moines R. R. Co		162.40													162.40
Keokuk and Saint Paul R. R. Co		41.86													41.86
Leon, Mt. Ayr, and Southwestern R. R. Co.		35.25													35.25
Little River Valley and Arkansas R. R. Co				26.60											26.60
Louisiana and Missouri River R. R. Co				100.80											100.80
Lyndale Rw'y Co					5.57										5.57
Maple River R. R. Co		72.91													72.91
Milwaukee Cement Rw'y Co			1.20												1.20
Milwaukee, Lake Shore, and Western Rw'y Co.			215.00												215.00
Milwaukee and Northern R. R. Co			124.40												124.40
Mineral Point R. R. Co	2.00		31.00												33.00
Minneapolis and Duluth R. R. Co					13.10										13.10
Minneapolis and Saint Louis Rw'y Co					134.16										134.16
Minnesota and Iowa Southern R. R. Co		60.00													60.00
Minnesota Midland Rw'y Co					59.00										59.00
Minnesota Valley Rw'y Co					24.40										24.40
Mississippi River Bridge Co	0.54			0.76											1.30
Missouri, Iowa, and Nebraska Rw'y Co		43.00		75.00											118.00
Missouri, Kansas, and Texas Rw'y Co				284.25					253.89				243.56	5.10	786.80
Missouri Pacific Rw'y Co				297.25											297.25
Moline and Southeastern N. G. Rw'y Co	8.00														8.00
Moulton and Albia Rw'y Co		11.48													11.48
Nebraska City, Sidney, and Northeastern Rw'y Co.		20.87													20.87
Northwestern Union Rw'y Co			62.63												62.63
Oshkosh and Mississippi River R. R. Co			20.00												20.00
Ottawa, Oswego, and Fox River Valley R. R. Co.	68.37														68.37
Peoria and Bureau Valley R. R. Co	46.72														46.72
Peoria, Decatur, and Evansville Rw'y Co	100.60														100.60
Peoria and Hannibal R. R. Co	62.67														62.67
Peoria, Pekin, and Jacksonville Rw'y Co	83.15														83.15
Peoria and Springfield R. R. Co	9.00														9.00
Pine River Valley and Stevens' Point R. R. Co.			16.00												16.00
Plainview R. R. Co					15.01										15.01
Prairie du Chien and McGregor Rw'y Co		0.25	1.75												2.00
Quincy, Alton, and Saint Louis R. R. Co	46.36														46.36
Quincy, Missouri, and Pacific R. R. Co				103.08											103.08
Quincy and Warsaw R. R. Co	39.72														39.72
Red Oak and Atlantic R. R. Co		17.99													17.99
Rochester and Northern Minnesota Rw'y Co.					24.48										24.48
Rock Island and Mercer County R. R. Co	21.80														21.80
Rock Island and Peoria Rw'y Co	91.00														91.00
Saint Charles R. R. Co	2.40														2.40
St. Francisville and Lawrenceville R. R. Co.	9.35														9.35
Saint Joe and Desloges Rw'y				13.00											13.00
Saint Joseph and Des Moines R. R. Co				50.00											50.00
Saint Joseph and Saint Louis R. R. Co				76.25											76.25
St. Louis, Alton, and Terre Haute R. R. Co	198.00					9.00									207.00
Saint Louis Bridge Co				1.22											1.22
Saint Louis, Council Bluffs, and Omaha R. R. Co.				41.75											41.75
Saint Louis, Hannibal, and Keokuk R. R. Co.				44.50											44.50

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group IV.					Extending into other groups.									Total.
	Ill.	Iowa.	Wis.	Mo.	Minn.	Ind.	Dak.	Mich.	Kans.	Ark.	Nebr.	Ohio.	Ind. T.	Tex.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Saint Louis, Iron Mountain, and Southern Rw'y Co.				380.94						303.50					684.44
Saint Louis, Jacksonville, and Chicago R. R. Co.	150.60														150.60
Saint Louis, Keokuk, and Northwestern R. R. Co.				130.00											130.00
Saint Louis and Lexington R. R. Co				55.00											55.00
Saint Louis, Ottumwa, and Cedar Rapids R. R. Co.		43.50													43.50
Saint Louis, Rock Island, and Chicago R. R. Co.	287.53														287.53
Saint Louis, Salem, and Little Rock R. R. Co				41.00											41.00
Saint Louis and San Francisco Rw'y Co				367.78					52.44						420.22
Saint Louis and Southeastern Rw'y Co	179.60					28.40									208.00
Saint Louis, Vandalia, and Terre Haute R. R. Co.	158.30														158.30
Saint Paul and Duluth R. R. Co					161.28										161.28
Saint Paul, Minneapolis, and Manitoba Rw'y Co.					656.00										656.00
Saint Paul and Sioux City R. R. Co		75.81			312.30		16.14								404.25
Saint Paul, Stillwater, and Taylor's Falls R. R. Co.					23.80										23.80
Salem and South Eastern R. R. Co				1.25											1.25
Salisbury and Glasgow R. R. Co				15.75											15.75
Sedalia, Warsaw, and Southern Rw'y Co				19.00											19.00
Sheboygan and Western Rw'y Co			78.40												78.40
Sioux City and Pacific R. R. Co		80.47									26.95				107.42
Southern Minnesota Rw'y Co					174.00										174.00
Southern Minnesota Rw'y Extension Co					129.00		8.00								137.00
Springfield and Northwestern Rw'y Co	45.20														45.20
Springfield and Western Missouri R. R. Co				20.00											20.00
Stanwood and Tipton Rw'y Co		8.50													8.50
State Line and Union R. R. Co			8.70												8.70
Stillwater and Saint Paul R. R. Co					12.57										12.57
Stimson Branch R. R. Co				4.00											4.00
Sycamore, Cortland, and Chicago R. R. Co	4.90														4.90
Terminal Railroads of Saint Louis and East Saint Louis.				1.00											1.00
Toledo and North Western Rw'y Co		18.70													18.70
Toledo, Peoria, and Warsaw Rw'y Co	230.00														230.00
Tunnel R. R. Co. of Saint Louis				0.91											0.91
Union Depot Co. of Kansas City, Mo				0.28											0.28
Union Depot Co. of Saint Louis, Mo				0.50											0.50
Union Railway and Transit Co of Saint Louis.				2.00											2.00
Viroqua Rw'y Co			32.20												32.20
Wabash, Chester, and Western R. R. Co	42.26														42.26
Wabash, Saint Louis, and Pacific Rw'y Co	581.93			463.25		166.80						75.50			1,287.48
Waukon and Mississippi R. R. Co		23.00													23.00
West End N. G. Rw'y Co				16.00											16.00
Western R. R. Co. of Minnesota					60.54										60.54
Winona, Mankato, and New Ulm Rw'y Co					3.75										3.75
Winona and Saint Peter R. R. Co					288.50		38.50								327.00
Wisconsin Central R. R. Co			327.04												327.04
Wisconsin Valley R. R. Co			108.00												108.00

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Name of company.	Group V.			Extending into other groups.	Total.
	La.	Ark.	Ind. T.	Miss.	
	Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*
Total	390.23	518.28	33.87	8.00	950.38
Arkansas Midland R. R. Co	.....	48.00	.....	.....	48.00
Atlantic and Pacific R. R. Co	.....	.....	33.87	.....	33.87
Baton Rouge, Grosse Tête, and Opelousas R. R. Co	24.00	.....	.....	.....	24.00
Brinkley and Cotton Plant R. R. Co	.....	11.00	.....	.....	11.00
Clinton and Port Hudson R. R. Co	22.50	.....	.....	.....	22.50
Hot Springs R. R. Co	.....	25.00	.....	.....	25.00
Iron Mountain and Helena R. R. Co	.....	26.38	.....	.....	26.38
Little Rock and Fort Smith Rw'y Co	.....	165.10	.....	.....	165.10
Little Rock, Mississippi River, and Texas Rw'y Co	.....	107.80	.....	.....	107.80
Memphis and Little Rock R. R. Co	.....	135.00	.....	.....	135.00
Morgan's Louisiana and Texas R. R. and Steamship Co	223.00	.....	.....	.....	223.00
Vicksburg, Shreveport, and Pacific R. R. Co	93.00	.....	.....	.....	93.00
Vidalia and Western R. R. Co	10.00	.....	.....	.....	10.00
West Feliciana R. R. Co	17.73	.....	.....	8.00	25.73

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

	Name of company.	GROUP VI.						
		Dak.	Nebr.	Kans.	Texas.	N. Mex.	Colo.	Wyo.
	Total	*Miles.* 491.23	*Miles.* 1,796.16	*Miles.* 3,076.41	*Miles.* 2,691.54	*Miles.* 298.57	*Miles.* 1,385.16	*Miles.* 506.94
1	Amador Branch R. R. Co							
2	Atchison, Colorado, and Pacific R. R. Co			229.50				
3	Atchison, Jewell County, and Western R. R. Co			33.64				
4	Atchison and Nebraska R. R. Co		108.34	38.26				
5	Atchison, Topeka, and Santa Fé R. R. Co			470.58				
6	Bay and Coast R. R. Co							
7	Berkeley Branch R. R. Co							
8	Bingham Canyon and Camp Floyd R. R. Co							
9	Black Diamond Coal Mining Co							
10	Burlington and Missouri River R. R. Co. in Nebraska		190.50					
11	California Northern R. R. Co							
12	California Pacific R. R. Co							
13	Cascade R. R. Co							
14	Central Branch Union Pacific R. R. Co			100.00				
15	Central and Montgomery R. R. Co				28.00			
16	Central Pacific R. R. Co							
17	Colorado Central R. R. Co						168.71	
18	Colorado Central R. R. Co. of Wyoming Territory							8.64
19	Corpus Christi, San Diego, and Rio Grande N. G. R. R. Co				53.60			
20	Covington, Columbus, and Black Hills R. R. Co		26.00					
21	Cowley, Sumner, and Fort Smith R. R. Co			91.93				
22	Dakota Central Rw'y Co	71.40						
23	Dallas and Wichita R. R. Co				20.00			
24	Denver and Boulder Valley R. R. Co						26.99	
25	Denver and Rio Grande Rw'y Co					30.00	498.30	
26	Denver, South Park, and Pacific R. R. Co						150.26	
27	East Line and Red River R. R. Co				91.88			
28	Elk and Chautauqua R. R. Co			12.16				
29	Eureka and Palisade R. R. Co							
30	Florence, El Dorado, and Walnut Valley R. R. Co			29.18				
31	Fort Scott, Southeastern, and Memphis Rw'y Co			15.23				
32	Fremont, Elkhorn, and Missouri Valley R. R. Co		109.99					
33	Galveston, Harrisburg, and San Antonio Rw'y Co				225.00			
34	Galveston, Houston, and Henderson R. R. Co. of 1871				48.50			
35	Georgetown R. R. Co				10.00			
36	Golden, Boulder, and Caribou R. R. Co						5.60	
37	Golden and South Platte Rw'y and Telegraph Co						2.60	
38	Gulf, Colorado, and Santa Fé Rw'y Co				157.80			
39	Gulf, Western Texas, and Pacific Rw'y Co				66.00			
40	Hastings and Grand Island R. R. Co		25.00					
41	Henderson and Overton R. R. Co				15.00			
42	Houston, East and West Texas Rw'y Co				71.00			
43	Houston and Texas Central Rw'y Co				512.36			
44	International and Great Northern R. R. Co				512.51			
45	Junction City and Fort Kearney R. R. Co			70.45				
46	Kansas Central R. R. Co			119.00				
47	Kansas City, Burlington, and Santa Fé R. R. Co			42.20				
48	Kansas City, Emporia, and Southern R. R. Co			64.00				
49	Kansas City, Fort Scott, and Gulf R. R. Co			157.70				
50	Kansas City, Lawrence, and Southern R. R. Co			184.72				
51	Kansas City, Topeka, and Western R. R. Co			66.25				
52	Lake Tahoe N. G. R. R. Co							
53	Lawrence and Southwestern R. R. Co			32.10				
54	Leavenworth, Atchison, and Northwestern R. R. Co			21.00				
55	Leavenworth Bridge Co			1.20				
56	Lincoln and Northwestern R. R. Co		74.20					
57	Longview and Sabine Valley Rw'y Co				12.00			
58	Los Angeles and Independence R. R. Co							
59	Los Angeles and San Diego R. R. Co							
60	Manhattan, Alma, and Burlingame Rw'y Co			40.00				
61	Marion and McPherson R. R. Co			78.76				
62	Marysville and Blue Valley R. R. Co		25.20	12.80				
63	Memphis, Kansas, and Colorado R. R. Co			31.04				
64	Mendocino R. R. Co							
65	Missouri, Kansas, and Texas Extension Rw'y Co				61.39			
66	Missouri River R. R. Co			26.00				
67	Monterey R. R. Co							
68	Nebraska Rw'y Co							
69	Nevada Central Rw'y Co		136.40					
70	Nevada County N. G. R. R. Co							
71	New Mexico and Southern Pacific R. R. Co					268.57		
72	North Pacific Coast R. R. Co							
73	Northern Rw'y Co. of California							
74	Northern Pacific R. R. Co	327.56						
75	Omaha, Niobrara, and Black Hills R. R. Co		81.43					
76	Omaha and Northern Nebraska R. R. Co		63.00					
77	Omaha and Republican Valley R. R. Co		131.98					
78	Omaha and Southwestern R. R. Co		46.60					
79	Oregon and California R. R. Co							
80	Oregon Central R. R. Co							

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

GROUP VI—Continued.								Extending into other groups.			Total.	
Mont.	Idaho.	Utah.	Ariz.	Cal.	Nev.	Oreg.	Wash.	Minn.	Mo.	Iowa.		
Miles. 18.32	*Miles.* 205.83	*Miles.* 706.34	*Miles.* 293.93	*Miles.* 2,176.85	*Miles.* 711.82	*Miles.* 347.33	*Miles.* 212.00	*Miles.* 228.23	*Miles.* 30.87	*Miles.* 44.90	*Miles.* 15,222.43	
				27.20							27.20	1
											229.50	2
											33.64	3
											146.60	4
											470.58	5
				24.10							24.10	6
				3.84							3.84	7
		16.40									16.40	8
				6.00							6.00	9
											190.50	10
				26.50							26.50	11
				113.51							113.51	12
							6.00				6.00	13
											100.00	14
											28.00	15
		149.60		606.10	448.77						1,204.47	16
											168.71	17
											8.64	18
											53.00	19
											26.00	20
											91.93	21
											71.40	22
											20.00	23
											26.99	24
											528.30	25
											150.26	26
											91.88	27
											12.16	28
					84.05						84.05	29
											20.18	30
											15.23	31
											100.99	32
											225.00	33
											48.50	34
											10.00	35
											5.60	36
											2.60	37
											157.89	38
											60.00	39
											25.00	40
											15.00	41
											71.06	42
											512.36	43
											512.51	44
											70.45	45
											119.00	46
											42.20	47
											64.00	48
									2.22		159.92	49
											184.73	50
											66.25	51
					9.50						9.50	52
											32.10	53
											21.00	54
											1.20	55
											74.20	56
											12.00	57
				16.40							16.40	58
				27.82							27.82	59
											40.00	60
											78.76	61
											38.00	62
											31.04	63
				3.50							3.50	64
											61.39	65
											26.60	66
				15.12							15.12	67
											136.40	68
					93.00						93.00	69
				22.64							22.64	70
											268.57	71
				76.25							76.25	72
				112.14							112.14	73
							136.00	228.23			691.73	74
											81.43	75
											63.00	76
											131.98	77
											46.60	78
						197.57					197.57	79
						46.70					46.70	80

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

	Name of company.	GROUP VI.						
		Dak.	Nebr.	Kans.	Tex.	N. Mex.	Colo.	Wyo.
		Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*
81	Oregon Rw'y and Navigation Co							
82	Pioche and Bullionville R. R							
83	Pittsburg R. R. Co							
84	Pleasant Hill and De Soto R. R. Co			22.96				
85	Pueblo and Arkansas Valley R. R. Co						244.22	
86	Republican Valley R. R. Co		217.90					
87	Rio Grande R. R. Co				22.50			
88	Ruby Hill R. R. Co							
89	Sacramento and Placerville R. R. Co							
90	Saint Joseph and Western R. R. Co		88.30	137.40				
91	Saint Louis, Kansas, and Arizona R. R. Co			77.50				
92	Saint Louis, Wichita, and Western Rw'y Co			145.00				
93	Salina and South Western Rw'y Co			35.42				
94	Salmon Creek R. R. Co							
95	San Francisco and North Pacific R. R. Co							
96	San Luis Obispo and Santa Maria Valley R. R. Co							
97	San Pablo and Tulare R. R. Co							
98	San Rafael and San Quentin R. R. Co							
99	Santa Cruz R. R. Co							
100	Santa Cruz and Felton R. R. Co							
101	Seattle and Walla Walla R. R. Co							
102	Short Creek and Joplin R. R. Co			9.45				
103	Sioux City and Dakota R. R. Co	92.33						
104	Solomon R. R. Co			56.95				
105	Sonoma Valley R. R. Co							
106	South Pacific Coast R. R. Co							
107	Southern Kansas and Western R. R. Co			103.90				
108	Southern Pacific R. R. Co							
109	Southern Pacific R. R. Co. of Arizona							
110	Stockton and Copperopolis R. R. Co							
111	Summit County R. R. Co							
112	Sumner County R. R. Co			18.35				
113	Texas Central Rw'y Co				43.50			
114	Texas and New Orleans R. R. Co				105.10			
115	Texas and Pacific Rw'y Co				479.10			
116	Texas and Saint Louis Rw'y Co				95.00			
117	Texas Transportation Company				8.90			
118	Texas Western N. G. Rw'y Co				41.00			
119	Thurston County R. R. Construction Co							
120	Union Pacific Rw'y Co		471.32	475.15			288.48	498.30
121	Utah Central R. R. Co							
122	Utah and Northern Rw'y Co							
123	Utah and Pleasant Valley Rw'y Co							
124	Utah Southern R. R. Co							
125	Utah Southern R. R. Extension Co							
126	Utah Western Rw'y Co							
127	Vaca Valley and Clear Lake R. R. Co							
128	Virginia and Truckee R. R. Co							
129	Visalia R. R. Co							
130	Walla Walla and Columbia River R. R. Co							
131	Wasatch and Jordan Valley R. R. Co							
132	Waxahachie Tap R. R. Co				12.00			
133	Western Development Co							
134	Western Oregon R. R. Co							
135	Wichita and South Western R. R. Co			26.62				
136	Willamette Valley R. R. Co							

TABLE XII.—STATEMENT EXHIBITING MILES OF ROAD, ETC.—Continued.

Group VI—Continued.								Extending into other groups.			Total.	
Mont.	Idaho.	Utah.	Ariz.	Cal.	Nev.	Oreg.	Wash.	Minn.	Mo.	Iowa.		
Miles.	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	*Miles.*	
						13.30					13.30	81
					21.00						21.00	82
				5.33							5.33	83
									21.94		44.90	84
											244.22	85
											217.90	86
											22.50	87
					3.00						3.00	88
				48.13							48.13	89
											225.70	90
											77.50	91
											145.00	92
											35.42	93
				8.00							8.00	94
				92.50							92.50	95
				10.75							10.75	96
				46.52							46.52	97
				3.50							3.50	98
				21.16							21.16	99
				7.10							7.10	100
							20.00				20.00	101
									6.01		15.46	102
										42.53	134.86	103
											56.95	104
				7.00							7.00	105
				52.07							52.07	106
											103.90	107
				711.56							711.56	108
			293.93								293.93	109
				44.65							44.65	110
		8.00									8.00	111
											18.35	112
											43.50	113
											105.10	114
											479.10	115
											95.00	116
											8.90	117
											41.00	118
							15.00				15.00	119
		75.09							0.70	2.37	1,811.41	120
		36.45									36.45	121
18.32	205.83	76.91									301.06	122
		60.00									60.00	123
		102.14									102.14	124
		136.83									136.83	125
		36.92									36.92	126
				30.00							30.00	127
					52.50						52.50	128
				7.33							7.33	129
						11.00	35.00				46.00	130
		8.00									8.00	131
											12.00	132
				0.13							0.13	133
						49.76					49.76	134
											26.62	135
						29.00					29.00	136

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