

Investors' Supplement

OF THE

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INVESTORS' SUPPLEMENT

OF THE

Commercial and Financial Chronicle.

The Supplement is issued on the last Saturday of each month, containing complete exhibit of the Funded Debt of States and Cities, and of the Stocks and Bonds of Railroad and other Companies.

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INVESTMENTS IN JULY.

The present month is usually one of the most active of the year in the demand for investment securities, on account of the large disbursements which take place in the payment of interest and dividends. This season the amount of disbursements has been greatly augmented by the payment of called bonds, as the final settlements for all of the five-twenty and ten-forty bonds have taken place, and the negotiation of the United States 4 per cent loan has terminated with great *eclat*, the last lot of \$12,100,000 being sold to London bankers at nearly 2 per cent above par. Aside from the immediate effect of this transaction in the large amount of loanable money heaped upon the market, it also has a more general effect in creating a good feeling and stimulating a certain buoyancy in all departments of business. But there can hardly be a doubt that the artificial plethora of money during the past seven months of this year has created a false impression of very low rates to rule permanently in this country, which is not likely to be sustained by the actual course of events in the future. It is a foregone conclusion that large amounts of money will be invested in mining, manufacturing, and other industrial enterprises in the United States, and already the indications point to a considerable movement in this direction.

The standard for all first-class State and municipal loans has been pitched by the U. S. Government 4 per cents, and the State or city securities offered for sale are placed at such rates that they pay only 4@5 per cent interest. Under these circumstances railroad stocks and bonds have come in for a large share of attention from investors, and many are asking what they can safely buy that will pay 6 per cent. As to particular railroad stocks it is useless to give any opinion as to values, so long as holders of a bare majority of stock have entire control of a company's affairs; for if a stock is to-day fairly worth 100, the directors may vote to-morrow in favor of issuing bonds or assuming other obligations which

will reduce the value of the stock to 50. The mere possibility of such transactions, precludes the formation of any opinion as to the value of certain stocks for the next ten years, as based on an estimate of the earning capacity and general financial condition of their respective roads. Large profits can be made by directors of a substantial company in buying up the securities of a bankrupt railroad and then leasing it with a guarantee of interest, and such leases frequently seem desirable to the directors of the lessee company when to the rest of the world they appear as little less than millstones hung about its corporate neck.

In speaking of railroad bonds it is necessary to assume that bondholders will obtain their rights and priorities as secured by the respective mortgages, and also that the reports issued by companies are substantially correct. With these assumptions it may be allowable to point out to investors a few bonds which still seem to be a fair purchase at current prices. The Ohio & Mississippi first mortgage bonds carry about 4 per cent accrued interest and sell at 112, making the price ex-interest 108. When the road is re-organized and interest paid promptly, these bonds should be worth 115. The Wabash St. Louis Division bonds have 3½ per cent payable August 1, and sell now 98½; if the Wabash combination holds good these bonds appear to be among the best of its issues. The Central Pacific Branches 1st mortgage 6 per cents are both selling about par and have nothing against them except Kearneyism in California. Delaware & Hudson Canal bonds are none of them selling at high prices for 7 per cents—the anthracite coal trade uncertainty keeps them down. The Galveston Houston & Henderson first mortgage 7s gold, sell at 83@86, although the road has shown some years much larger net earnings than sufficed to pay its interest; nothing in the reports of the company indicates weakness, and the road is a main thoroughfare to Galveston, but possibly there is something about it which is not made public. The suggestion of these few bonds, all of them sold at the New York Stock Exchange, is made for the benefit of those who are seeking a 6@7 per cent investment, and who are not familiar with Wall street affairs, but on no account should purchases be made without the advice and approval of reliable brokers.

There are a large number of bonds not sold at the Board, and therefore not as well known, which may still be purchased at prices which make them pay 6@7 per cent, but these bonds can be ascertained from brokers and from an examination of the extended price lists in the CHRONICLE. The best standard for estimating the value of bonds, upon the whole, is found in the net earnings for a series of years of those railroads which have been some time in operation.

STOCK AND BOND TABLES.

NOTES.

These tables are expressly intended to be used in connection with the information concerning Investment matters, published from week to week in the CHRONICLE—to which an index is furnished in the remarks at the foot of the tables. Annual reports are in black-faced figures. A full description of U. S. Government Securities is published regularly in the CHRONICLE each month, as soon as the official "Debt Statement" is issued.

Prices of all active Stocks and Bonds are quoted weekly in the CHRONICLE, and a list of general quotations is published monthly. The following will give explanations of each column of the tables below:

Description.—Railroads leased to others will often be found under the lessee's name. The following abbreviations frequently occur, viz.: M. for "mortgage," s. f. for "sinking fund," l. gr. for "land grant," reg. for "registered," coup. for "coupon," Br. for "Branch," guar. for "guaranteed," end. for "endorsed." "Coupon*" indicates that the bonds are coupon, but may be registered.

Date of Bonds.—The date of issue on the face of the bond is referred to in this column.

Miles of Road.—Opposite Stocks, this means the miles of road operated, on which the earnings are based; opposite bonds, the miles covered by the mortgage.

Size or Par Value.—These figures are dollars, showing the denominations or par value. The figures "100, &c." signify \$100 and larger.

Rate Per Cent.—The interest per annum is given for bonds, but the per cent of last dividend for stocks; g means gold; x, extra; s, stock or scrip. **When Payable.**—J. & J. stands for Jan. & July; F. & A., Feb. & Aug.; M. & S., March & Sept.; A. & O., April & Oct.; M. & N., May & Nov.; J. & D., June & Dec.; Q.—J., quarterly from January; Q.—F., quarterly from Feb.; Q.—M., quarterly from March.

Bonds, principal when due; Stocks, last dividend.—The date in this column shows the period when the principal falls due of bonds, but the time when the last dividend was paid on stocks.

STATE SECURITIES.

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount Outstanding	INTEREST.			Principal—When Due.
				Rate.	When Payable	Where Payable and by Whom.	
For explanations see notes above.							
Alabama—Substitution bonds (A) (\$7,000,000).	1876	\$100&c.	\$6,358,600	2 &c.	J. & J.	New York.	July 1, 1906
Substitut'n b'ds for RR. (B) (\$596,000).	1876	100 &c.	535,000	5	J. & J.	do	July 1, 1906
do for Ala. & Chatt. (C) (\$1,000,000)	1876	100 &c.	593,000	2 &c.	J. & J.	do	July 1, 1906
Educational funded debt.			2,810,670			do	July 1, 1906
Funded "obligations"	1874		1,000,000				
Arkansas—Funding bonds of 1869 and 1870.	1869 to '70	1,000	1,886,000	8	J. & J.	Montgomery.	July 1, 1884
Funding Bonds 1870 (Holford)	1870	1,000	1,316,000	6	J. & J.	N. Y., Union Trust Co.	1899
Levee bonds (or warrants)	1871	100 &c.	1,986,773	6		do	1900
Old unfunded debt, including interest.	1838 to '39		1,985,955	7	J. & J.	do do	1900
Ten year b'ds, Act May 29, '74	1874		258,300	10			
Secured sinking fund bonds (Act. Dec., 1874)	1875		375,000	6			1884
To Memphis & Little Rock Railroad.	1869	1,000	1,200,000	7	J. & J.	New York, Latham, A. & Co.	
To Little Rock & Fort Smith Railroad.	1870	1,000	1,000,000	7	A. & O.	N. Y., Union Trust Co.	1899
To Little Rock, Pine Bluffs & N. Orleans RR.	1870	1,000	1,200,000	7	A. & O.	do do	1900
To Miss., Ouachita & Red River Railroad.	1870	1,000	600,000	7	A. & O.	do do	1900
To Arkansas Central Railroad.	1870	1,000	1,350,000	7	A. & O.	do do	1900
State scrip.	1863		1,353,120	7	A. & O.	do do	April, 1900
California—Soldiers' relief.	1863		95,500	5 & 8			
State capital bonds.	1870 to '72	500 &c.	500,000	7 g.	J. & J.	Sacramento, Treasury.	1883
Funded debt bonds of 1873.	1873	500 &c.	2,801,000	7 g.	J. & J.	do do	1885
Connecticut—War bonds, 20 year.	1863	1,000	877,000	6 g.	J. & J.	do do	1893
War bonds, 20 year.	1864	1,000	1,318,500	6	J. & J.	Hartford, Treasury.	Jan. 1, 1883
do not taxable, 20 year.	1865	1,000	1,741,100	6	J. & J.	do do	Jan. 1, 1884
New bonds, coupon, 10-20 year.	1877	1,000	1,031,000	5	M. & N.	do do	Oct. 1, 1885
Dist. of Columbia—Permit imp't, gold, coup.	1872	500 &c.	3,995,000	6 g.	J. & J.	Wash. or N. Y., U. S. Treas.	May 1, 1897
Permanent improvement bonds, coupon.	1873		670,000	7	J. & J.	do do	July 1, 1891
Bds for fund'g (Act June 10, '79) coup. or reg.	1879		1,092,300	5	J. & J.	do do	July 1, 1891
Fund. b'ds (U.S. guar., Acts June, '74 & Feb., '75)	1874	50 &c.	13,743,250	3-65	F. & A.	do do	July 1, 1899
Market house bonds, coupon	1872	50 &c.	150,000	7	J. & J.	do do	Aug. 1, 1924
Water stock bonds, coupon.	1871 to '73	1,000	423,000	7	J. & J.	do do	July 26, 1892
Wash. fund'g, gld, (\$660,000 are M. & N., 1902).	1872	100 &c.	1,810,000	7 g.	J. & J.	do do	Oct. 1, 1901 to '03
Florida—State bonds.	1871		350,000	7			1892 & 1902
Consolidated gold bonds (\$300,000 are 7s)	1873	1,000	923,100	7 & 6 g.	J. & J.	N. Y., Importers' & Tr. B'k.	
Loan to Jacksonville, Pensacola & Mobile RR.	1870	1,000	4,000,000	8 g.	J. & J.	do do	Jan. 1, 1903
Georgia—Atlantic & Gulf Railroad bonds.	1858 to '66	500	800,000	6	F. & A.	N. Y., Fourth National B'k.	1881 and 1886
Bonds, act of Mar. 12, '66 (renewal W. & A.)	1866	500 &c.	3,600,000	7	J. & J.	do do	May, 1886
Quarterly gold bonds, act of Sept. 15, 1870.	1870	1,000	2,097,000	7 g.	Q.—J.	do do	Oct., 1890
Bonds, act of Jan. 18, '72	1872	1,000	307,500	7	J. & J.	do do	July, 1892
Bonds for funding (Act Feb. 19, '73)	1873	250 &c.	800,000	8	A. & O.	do do	April 1, 1879 to '86
Bonds to fund coupons on endorsed bonds.	1876	1,000	542,000	7	J. & J.	do do	July 1, 1896
Bonds exchanged for endorsed RR. bonds.	1877	1,000	2,293,000	6	J. & J.	do do	Jan. 1, 1889
New funding bonds, small.	1879	500 &c.	500,000	4	Jan.	State Treasury.	Jan. 1, 1885
Illinois—Refunded stock bonds.	1847	1,000	357,442	6	J. & J.	N. Y., Am. Exchange Bank.	At will.
Normal University bonds.		1,000	23,000	6	J. & J.	do do	Jan., 1880
Thornton loan bonds.		1,000	36,000	6	M. & S.	do do	Jan., 1880
War bonds.		100 &c.	142,300	6	J. & J.	do do	Jan., 1880
Indiana—Bonds, short loan.	1876		200,000	6	J. & D.	N. Y., Winslow, L. & Co.	Dec. 1, 1879
Bonds, coupon, (payable after April 1, 1884).	1879		510,000	5	A. & O.	do do	April 1, 1889
School fund bonds (non-negotiable).			3,904,733	6	Various		
Iowa—War and defense bonds	1861		300,000	7	J. & J.	New York, Kountze Bros.	July 1, 1881
Kansas—Bonds, 1861 to '69, funding, &c.	1861 to '69	100 &c.	101,175	6	July.	N. Y., Am. Exch. Nat. Bk.	1883 to '84
Bonds for various State purposes.	1861 to '75	100 &c.	739,000	7	J. & J.	do do	1879 to '99
Military loan.	1864 to '65		289,000	7	J. & J.	do do	1884 to '99
Louisiana—Bonds for relief of State Treasury	1853	500	63,500	6	J. & J.	\$15,000	July, 1893
Bonds in aid of various railroads.		1,000	284,000	6	Various	119,000	1872 to 1906
Levee bonds—Act 35 of 1865.	1866	1,000	57,000	8	Various		1886
do Act 115 of 1867.	1867	1,000	112,000	6	M. & N.		May 1, 1907
do special—Act 32 of 1870.	1870	500	49,000	8	M. & S.		March 1, 1875
Bonds funding coupons.	1866	100 &c.	49,500	6	J. & J.		1886 & '88
do to Boeuf & Crocodile Navigation Co.	1870	1,000	80,000	8	J. & J.	80,000	Jan. 1, 1890
do issued to State Penitentiary.	1869	1,000	12,000	7	M. & S.		March 1, 1909

Alabama.—The State gave 30-year bonds, dated July 1, 1876, bearing 2 per cent till 1881, then 3 per cent till 1886, 4 per cent till 1896, and 5 per cent for last 10 years, for old bonds, without any allowance for past-due coupons. Ala. & Chatt. endorsed bonds are exchanged (for \$1,000,000 of the new bonds, class C, which bear 2 per cent till 1881 and 4 per cent for remaining 25 years). For railroad endorsements the bonds issued bear 5 per cent. An analysis of the debt and funding operations is in V. 24, p. 28. There were \$3,705,000 of railroad obligations unprovided for in the "adjustment." Tax rate, 1873-9, 7 mills. The assessed valuation of real estate and personalty is about \$125,000,000. (V. 24, p. 28, 420; V. 27, p. 94; V. 28, p. 199.)

Arkansas.—The State Supreme Court has decided Levee bonds of 1869 and 1870 invalid. Rate of taxation, 10 mills. The State is in default for interest, except on the ten per cents of 1874 and secured sinking fund bonds, issued under the law of December, 1874. Assessed valuation of taxable property, \$94,095,243. (V. 25, p. 161; V. 27, p. 15, 40; V. 28, p. 171, 276.)

California.—The State holds in trust for School and University funds the \$500,000 Capitol bonds and \$2,063,000 of bonds 1873. Total valuation of property, 1876 and 1877, was as follows: Real estate, \$418,840,023 in 1877, against \$454,990,351 in 1876; personal property, \$199,243,292 in 1877, against \$139,247,695 in 1876—total, \$618,083,315 in 1877,

against \$595,073,177 in 1876. Tax rate for 1876-7, 7 3/4 cents per \$100.

Connecticut.—The debt of Connecticut was all created originally for war purposes. Assessed value of real and personal property, 1878, \$335,382,854; rate of taxation, 1 1/2 mills. (V. 24, p. 387.)

District of Columbia.—The total assessed value of taxable real estate in 1877 was \$97,609,890; personal property, \$21,000,000. The interest on the 3-65 bonds is provided for by Congress. See law of 1878, V. 23, p. 599. There is due the sinking fund \$256,221 per year. (V. 26, p. 599; V. 27, p. 303; V. 28, p. 553, 578; V. 29, p. 17, 40.)

Florida.—Less the sinking fund of \$130,700, and J. P. and M. loan, the total debt is \$1,284,100, which does not include \$132,000 bonds of 1857, held by Indian Trust Fund. Coupons of the consol. bonds are receivable for taxes. Real and personal property assessed in '77 at \$30,598,247; tax rate, 9 mills. The Jacksonville Pensacola & Mobile RR. loan is in litigation, and the State Supreme Court has decided that the State is not bound for it. (V. 23, p. 576; V. 25, p. 212.)

Georgia.—The constitutional amendment in 1877 declared void several issues of bonds and railroad endorsements. The So. Ga. & Florida RR. has \$464,000 of bonds endorsed, but the Company pays interest and the road is estimated to be nearly worth the bonds. Assessed value of property in 1878 was as follows: Lands, \$36,255,473; city and town prop-

erty, \$48,370,413; total, including personal, \$226,221,718, against \$235,659,530 in 1877, \$245,853,750 in 1876, and \$261,755,884 in 1875; rate of tax in 1878, five mills. (V. 25, p. 138, 162; V. 27, p. 653; V. 28, p. 17.)

Illinois.—The Illinois Central RR. charter tax on earnings is about \$300,000. For 1877 the total assessed value as equalized by local assessors was: Lands, \$491,704,984; town and city lots, \$208,521,067; total, \$892,452,345; total as equalized by State assessors, \$931,199,308. State tax in 1876, 2-8 mills. (V. 24, p. 40.)

Indiana.—There are also \$139,000 of 6 per cent war loan bonds. There has been some question as to the State's obligation to pay the Wabash & Erie Canal debt. Valuation, 1877, of all taxable property, \$855,130,125, against \$864,720,440 in 1876 and \$897,739,783 in 1875. Tax rate, 1-3 mills. (V. 22, p. 104, 209, 615.)

Kansas.—Kansas has but a small State debt, but the issues of municipal bonds amount to \$13,000,000. The valuations in 1878 were: Real estate, \$97,567,615; personal, \$25,606,163; railroads, \$15,525,023—total, \$138,698,801, against \$136,019,113, in 1877. Tax rate, 5 1/2 mills for State purposes. State funds hold \$713,700 of the bonds. (V. 24, p. 40.)

Louisiana.—The Constitutional Convention in May and June, 1879, discussed the debt question. New bonds were voted for New Orleans & Pacific Railroad in 1878, and their validity is affirmed

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When due.
				Rate.	When Payable	Where payable and by whom.	
For explanation see notes on first page of tables.							
<i>Louisiana—(Continued)—</i>							
Bonds to fund floating debt of State.....	1870	\$1,000	\$6,000	6	M. & N.	\$.....	May, 1910
do to Mississippi & Mexican Gulf Canal..	1869	1,000	260,000	7-30	M. & S.	260,000	1899
do to Northern Louisiana & Texas RR. Co.	1869	1,000	10,000	8	A. & O.		1909
do school & seminary, held by St. Treas..	1857	1,000	48,000	6	Various	48,000	1897
do to N. Orleans, Mobile & Chatt. RR.	1870	1,000	70,000	8	J. & J.	70,000	July 1, 1910
do to N. Orleans, Mobile & Texas RR.....	1871	1,000	2,500,000	8	A. & O.	2,500,000	April, 1911
N. O. Mob. & Texas RR. bonds, end. by State	1869	1,000	875,000	8		875,000	
Consolidated funded bonds.....	1874	100 &c.	11,777,100	7	J. & J.	N. Y., Winslow, L. & Co.	Jan., 1914
Bonds for N. O. & Pacific RR. (\$2,000,000)...	1878		(?)				
<i>Maine—</i> War loan bonds.....	1863	500 &c.	385,000	6	M. & S.	Boston, Suffolk Bank.	March 1, 1883
Bounty loan bonds.....	1863	1,000	307,000	6	F. & A.	do do	Aug. 15, 1880
do do.....	1864	500 &c.	2,330,000	6	J. & D.	do do	June 1, 1889
Municipal war debt assumed.....	1868	100 &c.	2,826,900	6	A. & O.	Augusta and Boston.	Oct. 1, 1889
<i>Maryland—</i> Baltimore & Ohio Railroad, sterling	1838		2,010,000	5 g.	J. & J.	London, Baring Bros.	1890
Chesapeake & Ohio Canal, sterling.....	1838		2,502,555	5 g.	J. & J.	do do	1890
Railroads and canals.....	Various.		155,615	5	Q.—J.	Baltimore, State Agency.	1880 & 1890
Eastern Shore Railroad.....	1839		31,069	5	A. & O.	do do	1890
Baltimore & Susquehanna Railroad.....	1837		269,000	3	Quart'y	do do	1890
Chesapeake & Ohio Canal.....	1870		528,355	6	J. & J.	do do	1885
Baltimore & Susquehanna Railroad.....	1839		298,435	6	Q.—J.	do do	1890
Annapolis & Elkridge Railroad.....	1839		62,605	6	A. & O.	do do	1890
Defense Bounty Loan.....	1868		3,326,750	6	J. & J.	do do	1885
Deaf and Dumb Asylum Loan.....	1870 & '74		225,000	6	J. & J.	do do	1885 & '89
Maryland Hospital Loan, 10-15 years.....	1872 & '76	100 &c.	465,000	6	J. & J.	do do	1887 & 1891
Maryland State Loan.....	1872		691,291	6		do do	1887
Treasury relief loan, 10-15 years.....	1878		500,000	6	J. & J.	do do	1888 to 1893
<i>Massachusetts—</i> Back Bay Land Loan.....	1861 to '62	500	220,000	5 g.	M. & N.	Boston, Treasury.	May 1, 1880
Coast Defense Loan.....	1863	1,000	888,000	5 g.	J. & J.	do do	July 1, 1883
Bounty Fund Loan.....	1863	1,000	200,000	5 g.	J. & J.	do do	July 1, 1883
Bounty Fund Loan.....	1864	500 &c.	4,379,500	5 g.	M. & N.	do do	May 1, 1894
do do sterling.....	1864	£100 &c.	4,000,744	5 g.	M. & N.	London, Baring Bros.	May 1, 1894
War Loan, sterling.....	1869	£200	999,944	5 g.	J. & J.	do do	July 1, 1889
Troy & Greenfield Railroad loan, sterling.....	1858 to '61	£200 &c.	5,506,952	5 g.	A. & O.	do do	Oct., 1888 to '90
do do home.....	1861 to '63	500 &c.	1,366,500	5 g.	A. & O.	Boston, Treasury.	April, 1891 & '93
do do sterling.....	1871	200 &c.	3,598,450	5 g.	J. & J.	London, Baring Bros.	July, 1891
do do sterling.....	1875	£500	1,497,980	5 g.	J. & J.	do do	Jan. 1, 1895
do do dollar bonds.....	1873 to '74	1,000	670,000	5 g.	J. & J.	Boston, Treasury.	1893 & '94
do do do.....	1875	1,000	1,300,000	5 g.	J. & J.	do do	July 1, 1895
Southern Vermont Railroad Loan.....	1860	5,000	200,000	5 g.	A. & O.	do do	April 1, 1890
Boston, Hartford & Erie Railroad, sterling.....	1868 to '69	£200	3,599,024	5 g.	J. & J.	London, Baring Bros.	July 1, 1900
Harbor Land Improvement (5-20s).....	1874 & '76	1,000	700,000	5 g.	J. & J.	Boston, Treasury.	Sept. 1, 1894-96
Danvers Lunatic Hospital.....	1874 & '76	1,000	1,350,000	5 g.	Various	Boston, Treasury.	July 1, 1896
Lunatic Hospital, Worcester.....	1875-76	1,000	1,100,000	5 g.	Various	do do	May 1 '95-Sep. 1, '96
New State Prisons, sterling.....	1875	£500	1,292,280	5 g.	J. & J.	London, McCalmonts.	Jan. 1, 1895
<i>Michigan—</i> Two Million Loan.....	1863	1,000	591,000	6	J. & J.	N. Y., Am. Exchange Bank.	Jan. 1, 1883
War Bounty Bonds.....	1865	1,000	299,000	7	M. & N.	do do	May, 1890
Sainte Marie Canal bonds.....	1859	1,000	46,000	6	J. & J.	do do	July, 1879
<i>Minnesota—</i> State Building Loan.....	1869	1,000	50,000	7	J. & J.	St. Paul, Treasury.	July 1, 1879
State Building loan, coupon.....	1873	1,000	250,000	7	J. & J.	do do	July 1, 1883
Railroad Bonds (not recognized).....	1858	1,000	2,275,000	7	J. & D.		Dec., 1887
<i>Missouri—</i> State bonds, proper.....	1865 to '66	1,000	439,000	6	J. & J.	N. Y., Bank of Commerce.	1883
Consolidated bonds.....	1868	1,000	2,727,000	6	J. & J.	do do	1888
University and Lunatic Asylum bonds.....	1872	1,000	401,000	6	J. & J.	do do	July, 1892
State Bank stock refunding.....	1874	1,000	104,000	6	J. & J.	do do	April 1, 1894
Bonds to North Missouri Railroad.....	1854 to '58	1,000	1,693,000	6	J. & J.	do do	1879 to '88
Bonds to Cairo & Fulton Railroad.....	1857 to '59	1,000	267,000	6	J. & J.	do do	1879 to '89
Bonds to Platte County Railroad.....	1859 to '60	1,000	504,000	6	J. & J.	do do	1889 to '90
Bonds to Iron Mountain Railroad.....	1854 to '59	1,000	1,361,000	6	J. & J.	do do	1879 to '89
Pacific Railroad of Missouri.....	1853 to '59	1,000	2,971,000	6	J. & J.	do do	1879 to '87
Funding bonds.....	1874	1,000	1,000,000	6	J. & J.	do do	July, 1894
Renewal bonds, coup., 5-20s, (act Mch. 29, '74)	1875-6-7	1,000	4,350,000	6	J. & J.	do do	1895-6-7
Hannibal & St. Joseph Railroad.....	1857 to '75	1,000	1,518,000	6	J. & J.	N. Y., B'k N. America.	1887 to '95
do do renewal.....	1874	1,000	1,482,000	6	J. & J.	do do	1894-5-6
<i>Nebraska—</i> Bonds (act Feb. 14, 1877) coupon.....	1877	1,000	549,267	8	A. & O.	State Treasury.	April 1, 1897
<i>Nevada—</i> State bonds.....	1871	1,000	160,000	9 1/2 & 10	Various	State Treasury.	1881 and '82
Territorial bonds.....	1872	1,000	380,000	9 1/2	M. & S.	do do	March, 1887
<i>New Hampshire—</i> War loan, coupon bonds.....	1864	1,000	600,000	6	M. & S.	Concord or Boston.	Sept., 1884 & '89
Municipal war loan.....	1872	100 &c.	2,206,100	6	J. & J.	do do	Jan., '92 to 1905
State bonds.....	1873	100 &c.	200,000	6	J. & J.	do do	July 1, 1880
Loan of 1879.....	1879	1,000	300,000	5	J. & J.	Bost., Nat. Bk. Commonw'lth	July 1, '89-'90-'91
<i>New Jersey—</i> War loan bonds, tax free.....	1861	100 &c.	600,000	6	J. & J.	Trenton and Jersey City.	Jan., 1880 to '84
War loan bonds, tax free.....	1863	100 &c.	900,900	6	J. & J.	do do	Jan., 1886 to '96
do do taxable.....	1864	100 &c.	595,400	6	J. & J.	do do	Jan., '97 to 1902
<i>New York—</i>							
Canal debt, Under Art. 7, Sec. 3, of Con-	1875	Regist'k	473,000	6 g.	J. & J.	N. Y., Manhattan Bank.	Oct., 1893
stitution, and Art. 7, Sec. 12.	1872	in \$100's	1,562,900	6 g.	J. & J.	do do	July, 1887
	1873	of \$100.	847,500	6 g.	J. & J.	do do	Jan. 1, 1883
	1873		4,302,600	6 g.	J. & J.	do do	July 1, 1891
	1874		2,000,000	6 g.	A. & O.	do do	Oct. 1, 1892

by the Supreme Court, but the Governor declined to sign them and was sustained by the courts. Interest of Jan. 1, 1879, was paid, one-half cash and one-half scrip. The assessed value of property in 1879 is \$177,000,000; personal property, \$32,361,402. State tax rate, 11 mills. The interest tax is 5 1/2 mills, which the auditor estimates will produce \$733,125 in 1879. In 1878 (fever year) collections for interest were \$526,763. There is overdue interest of the years 1874 to 1878 inclusive, \$393,604. (V. 26, p. 315, 342, 463, 470, 523, 625; V. 27, p. 41, 123, 200, 303, 677; V. 28, p. 18, 42, 173, 224, 526, 553, 624, 641; V. 29, p. 18.)

Maine.—The sinking funds (\$1,032,995), January, 1879, reduce the total debt to a net amount of \$4,815,905. Valuation of total taxables in 1875, \$255,000,000; tax rate in 1877, 3 mills. For 1878, treasurer advises 3 1/2 mills. (V. 23, p. 42.)

Maryland.—The assessed valuation of property in 1877 was \$478,468,023; in 1878, \$464,425,790, on which the rate of taxation is 18 1/2 cents per \$100. The State has largely assisted canals and railroads, and holds \$4,735,821 of stocks and bonds ranked as productive, leaving \$6,037,088 of debt without any offset; the State also holds \$23,762,430 in unproductive securities. (V. 23, p. 42.)

Massachusetts.—All interest on the funded debt of Massachusetts is paid in coin. The credit of the State stands high in London and at home. During 1878 the funded debt was reduced \$200,000. The sinking funds in Jan., 1879, were \$11,268,599. The Hoosac tunnel and connections cost the State about \$18,854,024, including interest paid. Real estate assessed in May, 1878, \$1,118,567,164, against \$1,191,583,169 in 1877; personal, including bank shares, \$476,667,106 in 1878, against \$505,784,594 in 1877. Savings Bank deposits Nov. 1, 1878, \$210,461,896; Nov. 1, 1877, \$243,922,225. The loan to Boston Hartford & Erie Railroad was secured by deposit of \$3,600,000 "Berdell" mortgage bonds, afterwards exchanged for N. Y. & N.E. RR. stock, and had a sinking fund of \$1,084,578 Jan. 1, 1879. (V. 26, p. 40, 523.)

Michigan.—The debt has been largely diminished in the last few years. Assessed valuation of real and personal property, 1877, \$630,000,000, and tax rate 2 1/4 mills. Surplus revenue is applied to purchase of bonds.

Minnesota.—All the State bonds are now held by the permanent school fund. Minnesota has refused to recognize the "State Railroad bonds" of 1858 to the amount of \$2,275,000. A proposed compromise with the holders was defeated by a large majority in 1877. Taxable property, 1875, \$219,855,743, of which \$45,162,467 was personal; in 1876, \$218,850,744, of which \$45,302,435 was personal; in 1877, \$220,925,638, of which \$45,141,659 was personal. State tax, 2 mills; tax for all purposes in counties averages 17 1/2 mills. (V. 22, p. 63, 567; V. 24, p. 40, 170, 227.)

Missouri.—The valuation of all real and personal property in 1878 was \$628,929,312, of which \$433,663,920 was real and \$175,343,091 personal. Railroads and bridges were assessed separately at \$26,122,201; the gross valuation exclusive of railroads and bridges is \$509,824,423. The tax rate is 40c. per \$100. In 1877 and 1878 bonds maturing were met by sale of renewal bonds and by sinking fund. The Hannibal & St. Joseph Railroad provides for its own debt. (V. 27, p. 200, 409.)

Nebraska.—Of these the State school fund holds \$426,267. There are also \$50,000 10 per cent "Grasshopper" bonds of 1875, due Mar. 1, 1885, interest paid J. & J. Real estate in 1877 assessed at \$37,975,987; personal at \$33,333,591; tax rate, 6 1/2 mills. (V. 24, p. 204.)

Nevada.—The debt of Nevada is hardly more than nominal, as the bonds are principally held in State funds.

New Hampshire.—The debt of New Hampshire was created for war purposes, and is being gradually reduced. The Municipal loan of 1872 was issued to cities and towns, the proceeds to be applied to their war debts. Total valuation in 1879, \$169,958,517. Tax rate, \$2 per \$1,000.

New Jersey.—The debt was created for war purposes, and is provided for by sinking funds, which amounted Jan. 1, 1879, to \$1,453,852. Of the first two classes of bonds the principal is payable \$100,000 per year. In 1878 total valuation of property was \$531,851,849. Valuation of real property in 1877, \$119,723,400; personal \$123,858,381; total, \$566,250,697, against \$596,831,707 in 1876, and \$612,731,094 in 1875. State tax, 3 1/2 mills. (V. 28, p. 58.)

New York.—The following were valuations and tax rate for State purposes in the years 1859 and 1865, and from 1871 to 1878:

Year.	Real Estate.	Personal.	State tax.
1859.....	\$1,097,564,524	\$307,349,155	2 1/2
1865.....	1,158,327,371	392,552,314	4 53-80
1871.....	1,599,930,166	452,607,732	5 79-120
1872.....	1,644,379,410	447,248,035	9 1/2
1873.....	1,692,523,071	437,102,315	6 95-100
1874.....	1,750,698,918	418,608,955	7 1/2
1875.....	1,960,352,703	407,427,399	6
1876.....	2,108,325,572	357,911,401	3 11-24
1877.....	2,376,252,178	379,488,140	3 1-6
1878.....	2,373,418,490	364,963,110	2 9-10

The general fund debt was paid in July, 1878, and the canal debt only, of about \$9,000,000, now remains. Town, county, and city debts estimated by State Comptroller at \$250,000,000. (V. 24, p. 17, 49; V. 26, p. 18, 117; V. 28, p. 42.)

North Carolina.—Total property was assessed in 1876-7 at \$143,564,557; 1875, \$152,546,023; 1874, \$139,953,361; 1873, \$143,723,313. Tax rate 1878, 38 cents on \$100. Interest is paid on bonds issued to N. Car. RR. (\$2,800,000), as the State holds \$3,000,200 stock and receives dividends thereon. Other interest in default. A funding bill passed the Legislature Feb. 1879, which provides for funding old ante-war bonds at 40 per cent of the face value; "New" railroad bonds recognized as valid at 25 per cent; funding bonds of 1866 and 1863 at 15 per cent. All overdue coupons are to be surrendered; the new bonds run 30 years, and bear 4 per cent interest; coupons are receivable for taxes, the first coupon of 2 per cent being payable January, 1881. Special

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When Due.
				Rate.	When Payable	Where Payable and by Whom.	
For explanations see notes on first page of tables							
North Carolina—Funding bonds tax-receivable.	1879	\$50 &c.	(?)	4	J. & J.		1909
Railroad and improvement bonds, old.	.....	500 &c.	\$1,738,800	6	J. & J.	New York.	1868 to '98
Railroad and improvement bonds, old.	.....	500 &c.	3,639,400	6	A. & O.	do	1868 to '98
RR. and improv't bonds, new (not special tax)	.....	1,000	1,890,000	6	J. & J.	do	1868 to '98
do do do do	.....	1,000	1,469,000	6	A. & O.	do	1868 to '98
Funding bonds, since war.	.....	100 &c.	2,231,000	6	J. & J.	do	Jan., 1900
do do	.....	100 &c.	1,657,600	6	A. & O.	do	Oct., 1898
Registered certificates of literary fund	1867	.....	383,045	6	J. & J.	Raleigh, Treasury.	Indefinite.
Penitentiary bonds, act Aug. 24, 1868.	1867	.....	44,000	6	A. & O.	New York.	Oct., 1898
Special tax bonds	1868	1,000	11,366,000	6	A. & O.	do	1898 to '99
Ohio—Registered loan, payable after June, 1881	1860	100 &c.	4,072,640	6	J. & J.	N. Y., American Exch. B'k.	July, 1881
Registered loan, payable after June, 1886.	1856	100 &c.	2,400,000	6	J. & J.	do do	Jan., 1887
Oregon—Bounty bonds.	.....	.....	26,500	7	J. & J.	State Treasury.	1884
Modoc war bonds	.....	.....	130,991	7	J. & J.	do do	1880
Willamette Canal and Lock.	1870	.....	160,000	7	J. & J.	do do	1880
Pennsylvania—Reg. bonds, tax fr., (red'ble '92).	1877	100 &c.	8,000,000	5	F. & A.	Phila., Farm. & Mech. B'k.	Feb. 1, 1902
Registered bonds, tax free, 15-25 years.	1879	100 &c.	2,000,000	4 1/2 @ 5	F. & A.	do do	Aug. 1, 1904
Loan.	1879	100 &c.	2,000,000	4	F. & A.	do do	.....
Coupon loan (except \$53,000 reg.), April 2.	1852	1,000	395,000	5 g.	J. & J.	do do	July, 1882
do April 2.	1852	1,000	87,000	4 1/2 g.	J. & J.	do do	July, 1882
Stock loan of Feb. 2 (registered).	1867	50 &c.	90,400	5	F. & A.	do do	Feb., 1877-1882
do do (registered).	1867	50 &c.	9,251,850	6	F. & A.	do do	Feb., 1882-1892
do do (registered).	1867	50 &c.	723,950	5	F. & A.	do do	Feb., 1882-1892
Agricultural College land scrip.	1872	.....	500,000	6	.....	Harrisburg Treasury.	1922
Rhode Island—War bonds.	1862	1,000	975,000	6	M. & S.	Providence, R. I. H. & T. Co.	Sept. 1, 1882
War bonds.	1863	1,000	200,000	6	A. & O.	do do	April 1, 1883
do	1863	1,000	631,000	6	J. & J.	do do	July 1, 1893
do	1864	1,000	738,000	6	F. & A.	do do	Aug. 1, 1894
South Carolina—State stock.	1794	Various	17,411	3 g.	Q.—J.	Columbia, State Treasury.	At pleasure.
State House stock.	1836 to '61	Various	289,172	6 g.	J. & J.	do do	1877 to '86
do bonds.	1853 to '54	1,000	192,000	6	J. & J.	do do	1871 to '80
Funding bonds and stock.	1866	50 &c.	238,933	6 g.	J. & J.	Columbia and New York.	July 1, 1887 to '97
Blue Ridge Railroad bonds.	1854	1,000	469,000	6 g.	J. & J.	Columbia, Treasury.	July 1, 1875 to '79
Funding bills receivable.	1868	1,000	72,000	6 g.	A. & O.	Columbia and New York.	July 1, 1888
Payment of interest.	1868	1,000	149,000	6 g.	A. & O.	do do	July 1, 1888
Funding bank bills.	1868	500 &c.	242,350	6 g.	J. & J.	do do	July 1, 1889
Conversion bonds and stock.	1869	500 &c.	451,000	6 g.	J. & J.	do do	July 1, 1882
Land commission bonds.	1869 to '70	500 &c.	13,000	6 g.	J. & J.	do do	July 1, 1882
Fire loan bonds, sterling.	1838	.....	481,944	5 g.	Q.—J.	London.	July 1, 1868
do stock, domestic.	1838	.....	151,780	6 g.	Q.—J.	Columbia.	July 1, 1868
Bonds—Relief State Treasury.	1869	.....	7,000	7	J. & J.	Columbia & Fis. Agen. N.Y.	1888
Reduction of Public Debt stock.	Dec., 1873	.....	241,257	6	J. & J.	.....	.....
Consolidated bonds, coup. (Funding act).	1873	Various	4,023,000	6	J. & J.	New York or Columbia.	July 1, 1893
do stock (Funding act).	1873	Various	149,254	6	J. & J.	do do	July 1, 1893
Railroad endorsements	.....	.....	4,797,608	.....	.....	.....	.....
Tennessee—New funding bonds, act of 1873.	1874	1,000	4,867,000	6	J. & J.	N. Y., Fourth Nat. Bank.	July 1, 1914
Bonds regist'd, act of 1873, (\$292,300 are 5s)	.....	1,000	14,957,300	5 & 6	J. & J.	do do	1875 to 1900
Held by E.T. University (not to be funded).	.....	1,000	397,000	6	J. & J.	N. Y., Fourth Nat. Bank.	Various.
Texas—Funding State debt (act May 2, 1871).	1872	.....	75,000	6	Various	State Treasury.	1891
Frontier def'se, gold, act Aug. 5, '70 (red'ble '91)	1871	1,000	697,000	7 g.	M. & S.	N. Y., Donnell, Lawson & Co.	1911
Revenue deficiency bonds, act Dec. 2, 1871.	1872	1,000	500,000	7 g.	J. & J.	do do	1892
Bonds, act Mar., 1874 (for paying float'g debt)	1874	1,000	1,000,000	7 g.	J. & J.	do do	March 1, 1904
Vet'n Pension bonds, act Apl., '74, (red'ble '79)	1874	100	1,153,974	10	J. & J.	State Treasury.	1894
Redemption of debt, act Aug. 6, '76.	1876	1,000	1,564,000	6 g.	J. & J.	New York & State Treasury.	July, 1906
Vermont—War loan bonds, registered.	1862	500 &c.	137,000	6	J. & D.	Montpelier, Treasury.	Dec. 1, 1890
Virginia—Old bonds, 2/3 fundable, coupon	1851 to '66	500 &c. &	6,139,943	6	J. & J.	New York.	1886 to '95
Old bonds, 2/3 fundable, registered	1851 to '66	Var'is }	.....	6	J. & J.	Richmond, Treasury.	At pleasure
do sterling, not required to be funded	1851	£100 &c.	2,331,250	5	J. & J.	London, Baring B. & Co.	1886
Consol.) Act Mar. '71) coup. tax receivable.	1871	100 &c.	18,582,900	6	J. & J.	Richmond, Treasury.	1905
do do reg., conv. into coup.	1871	100 &c.	1,641,615	6	J. & J.	do do	1905
do (Act 1872) "Peeler," cp. not rec'ble	1872	100 &c.	2,359,500	6	J. & J.	do do	.....
do do reg. do	1872	100 &c.	923,616	6	J. & J.	do do	.....
Deferred certificates (W. Va.)	1871	Various	15,239,370	6	J. & J.	.....	Contingent
Interest on sterling debt, funded (Act 1871)	1871	Various	212,833	.....	J. & J.	London, Baring B. & Co.	1905
Interest unpaid Sept. 30, '78, on debt proper.	.....	.....	4,640,990	.....	.....	.....	.....

tax bonds are ignored, and also bonds to Chatham RR. 1868. to Wilmington & Tarboro RR. and for Penitentiary under acts of 1868. (V. 24, p. 17, 226; V. 27, p. 678; V. 28, p. 69, 203, 327.)

Ohio.—Ohio has a very small State debt, but large local debts, amounting in 1878 to \$41,295,840, against \$34,328,519 in 1877, and \$36,059,973 in 1876. Valuations in 1877 were: Real estate in cities, &c., \$378,449,113; other, \$706,347,619; personal, \$490,574,810. Total taxes levied in 1877 \$4,551,235 for State purposes, 2.9 mills, and \$22,975,512 on all local taxes. (V. 24, p. 17; V. 28, p. 69.)

Oregon.—The debt is provided for by sinking funds, payable from land sales. Taxable property in 1875 was assessed at \$41,197,149; 1/2 mill tax was laid for Relief bonds and 1 mill for Bounty bonds.

Pennsylvania.—The new 5 per cent loan of \$8,000,000 was sold to take up maturing bonds. Total debt November 20, 1878, \$21,583,200; sinking fund, \$8,504,899. No tax is laid for State purposes on real estate, and revenue is raised principally from corporations. Taxes are levied on personal property, which was assessed in 1877 at \$159,318,817, and the tax was \$574,817. State expenses have lately exceeded revenue, and sinking funds have been diverted to meet the deficiency. The State holds \$1,751,331 in stocks and \$7,900,000 of railroad bonds. Any coupon bonds may be changed to registered. The bonds due in 1877 are payable at any time till 1882; those of 1882 till 1892. (V. 26, p. 15; V. 27, p. 149, 229; V. 28, p. 43, 146, 600.)

Rhode Island.—The debt was all created for war purposes and is being steadily diminished. The valuation of real property in 1876 was \$185,159,848, and personal, \$86,894,928, and tax rate 15 cents on \$100.

South Carolina.—The funding law approved Dec. 23, 1873, provided for scaling down the old debt by giving new bonds to the extent of 50 per cent, and

declared void the conversion bonds to the amount of \$5,965,000. A committee to investigate bonds and ascertain what consols were properly issued was appointed in 1877, and reported January, 1878 (V. 26, p. 143), rejecting certain numbers of the consolidated bonds. A court of claims to hear the bondholders was appointed, and in December a report was made, of which the purport is expressed in CHRONICLE, V. 23, p. 18. Total valuation of all property—in 1878, real estate, \$83,270,998; personal, \$32,836,641; railroad property, \$6,520,772; the total for 1878-9, including counties not embraced in abstract, is put at \$132,237,986. Rate of taxation, 4 1/2 mills. (V. 26, p. 63, 143, 232, 257, 420, 463; V. 27, p. 141, 165; V. 28, p. 18, 378, 402.)

Tennessee.—New funding law is given in Vol. 28, p. 353. The total debt Jan., 1879, was \$20,231,300 in outstanding bonds, and \$4,156,522 in overdue int.; there were also \$416,000 bonds yet to be renewed and \$373,000 yet to be registered. The State's endorsements for railroads are \$1,308,000, which is taken care of by the roads. Total valuations in 1878 \$223,303,305, of which \$192,340,815 was lands and "town lots," and \$20,571,338 "other taxables." The total was \$236,000,000 in 1877, \$278,020,534 in 1876, and \$283,638,583 in 1875. The rate of taxation was reduced from 40 cents on the \$100 to 10 cents by the Legislature, in March 1877. Tennessee bonds sold in New York as "old," are those issued before 1862; "New," issued since 1862; "New Series," the new funding bonds. (V. 26, p. 68; V. 27, p. 42, 165, 599, 678; V. 28, p. 44, 97, 174, 200, 277, 353, 429, 454, 526, 570.)

Texas.—For all bonds, except 10s of 1894, the interest and 2 per cent of principal yearly are provided for by special appropriations. The valuation of taxable property in 1878 was \$243,202,444, against \$257,632,000 in 1876. Tax rate, 50. From the Comptroller's report, for 1876, we have the following statistics:

Total value of taxable property assessed, \$257,632,000
State tax..... 1,288,249

Poll tax..... \$211,034
Miles of RR. in the State ass'd for taxes... 1,493
Value of railroads, &c..... \$16,577,508
55,950,038 acres of land assessed at 110,288,629
Value of lots assessed in the State..... 45,674,101
(V. 23, p. 452; V. 24, p. 535; V. 25, p. 115.)

Vermont.—This State has a very small debt—all created for war purposes. Of the registered bonds \$135,500 are held for Agricultural College. The sinking fund, Aug. 1, 1876, was \$135,932.

Virginia.—The law of April, 1879, for re-funding the debt, is given in CHRONICLE, Vol. 28, p. 353. The Funding act of 1871 provided that coupons of the funded bonds should be receivable for State taxes. For two-thirds of the old bonds a new bond was issued, and for the other 1/3 a deferred certificate given (as the proportion due by West Virginia). The act of 1872 amended that of 1871 by not allowing coupons to be received for taxes. The report of W. F. Taylor, Auditor, estimating the revenue for the year 1878-9, takes the real estate assessment for 1877, which is \$3,688,909 greater than that of 1878, and estimates the assessed value of personal property at \$2,194,069 more than for 1878; and without including interest on the literary fund, he figures a deficit of \$770,608. The annual interest on the principal debt of \$29,350,826, amounts to \$1,742,865, of which \$1,215,678 was met for 1878 by the receipt of the coupons for taxes, leaving a balance of \$527,187 unpaid, not including unpaid interest on the literary fund. Assessed values in 1878 were: real estate, \$242,702,503; personal, \$73,984,368; total, \$316,686,871; in 1877, \$326,027,346; of real estate in 1876 was \$242,756,548, against \$251,573,611 in 1873. Tax rate, 5 mills. A case involving the taxation of consols is on appeal to the U. S. Supreme Court. (V. 26, p. 68, 135, 181, 209, 232, 342, 359, 384, 420, 524; V. 27, p. 34, 599, 653; V. 28, p. 44, 70, 97, 121, 147, 174, 328, 353, 429.)

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DESCRIPTION.	Date of bonds.	Size or par value.	Amount outstanding.	INTEREST.			Principal—When Due.
				Rate.	When Payable	Where payable and by whom.	
For explanations see notes on first page of tables.							
<i>Albany, N. Y.</i> —Albany & Northern Railroad 1 st Relief of drafted men.....	1854	\$1,000	\$223,000	6	M. & N.	New York.	May, 1879
Purchase Congress Hall Block.....	1864	1,000	23,000	6	J. & D.	do	June, 1880 to '84
City improvement.....	1866	1,000	150,000	6	F. & A.	Boston, Merchants' Bank.	Feb., 1885 to '94
Washington Park (\$40,000 are 5s, due 1920)	1870-'71	1,000	448,000	7	M. & S.	New York.	March, '80 to 1900
New Post Office site.....	1870-'78	1,000	664,000	5, 6 & 7	Various	do	1910-'20
High School.....	1874	1,000	113,000	7	M. & N.	do	May 1, 1904
Water stock.....	1875	1,000	70,000	7	M. & N.	do	May 1, 1879 to '85
Addit'l supply (\$400,000 due 1900-3 are 7s)	1851 & '52	1,000	230,000	6	F. & A.	do	Feb., 1881
Western Avenue improvement bonds.....	1874-'77	1,000	900,000	6 & 7	F. & A.	do	Feb. 1, 1893-1912
Bonds loaned to Albany & Susquehanna RR.	1877	1,000	165,000	6	F. & A.	do	Feb. 1, 1883-4-5
<i>Atlanta, Ga.</i> —Bonds for streets, &c.....	1866-'67-'72	500 &c.	436,000	8	J. & J.	New York.	1895-'97
Bonds, A. L. Railroad and State House	1869-'70	1,000	400,000	7	J. & J.	Atlanta & N. Y. Park Bank.	1881, '86 & '92
Bonds for West. RR. and floating debt.....	1872 & '77	500 &c.	418,000	8	J. & J.	do do	J. & J., 1890
Bonds, 1st and 2d series, waterworks.....	1874	1,000	430,000	7	J. & J.	do do	J. & J., 1902
Redemption bonds.....	1877	500 &c.	77,000	8	J. & J.	do do	Jan. 1, 1904
do	1875	1,000	52,000	10	M. & S.	do do	Jan. 1, 1897
<i>Augusta, Ga.</i> —Bonds for various purposes.....	Various.	250 &c.	2,033,000	7	Various	Augusta.	Sept. 1, 1855
New bonds (for \$63,000).....	1879	100 &c.	7,306,546	6	J. & D.	do	1879 to 1903
<i>Baltimore</i> —Consolidated loan of 1890.....	Various.	100 &c.	5,000,000	5	Q.—J.	Balto., Farm. & Plan. Bank.	June 1, 1899
Water loan, reg. stock, red. at will after 1916	1877	100 &c.	1,000,000	5	M. & N.	Balto., N. Mechanics' Bank.	July 1, 1890
Funding loan, reg. stock, tax free.....	1878	100 &c.	2,211,068	6	M. & S.	do do	July 1, 1916
Consolidated bounty loan.....	1863	100 &c.	410,353	6	M. & S.	do do	After July, 1916
Exempt bounty loan.....	1865	100 &c.	555,566	6	Q.—M.	do do	Sept. 1, 1893
Public parks (Druid Hill).....	1860	100 &c.	185,723	6	Q.—J.	do do	Sept. 1, 1893
Park improvement loan.....	1863	100 &c.	5,000,000	6	Q.—J.	do do	Sept. 1, 1890
Five million loan to Baltimore & Ohio RR.....	1853	100 &c.	1,000,000	6	J. & J.	Balto., Farm. & Plan. Bank.	Jan. 1, 1895
One million loan to Pittsb. & Connellsville RR	1853	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1, 1890
New City Hall.....	1868	100 &c.	1,000,000	6	Q.—J.	Balto., Farm. & Plan. Bank.	Jan. 1, 1886
do do.....	1870	100 &c.	1,000,000	6	Q.—J.	do do	July 1, 1884
do do.....	1874	100 &c.	500,000	6	Q.—J.	do do	April 15, 1900
Consolidated loan.....	1864	100 &c.	943,161	5	Q.—J.	do do	March 7, 1902
Court house loan.....	1870	100 &c.	85,900	5	Q.—J.	Balto., N. Mechanics' Bank.	After 1885
Funding loan.....	1870	100 &c.	800,000	6	Q.—J.	Balto., Farm. & Plan. Bank.	At will.
Western Maryland Railroad.....	1872	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	July 1, 1900
Jones' Falls.....	1872	100 &c.	755,900	6	Q.—F.	do do	Jan. 1, 1902
Valley Railroad.....	1873	100 &c.	1,015,300	6	A. & O.	do do	April 9, 1900
Water loan (\$263,000 only are 6s)	1874	100 &c.	2,779,700	5 & 6	J. & J.	Baltimore, Register's Office.	Oct. 31, 1886
Endorsements for Western Maryland RR.....	.....	.....	1,375,000	6	J. & J.	Balto., N. Mechanics' Bank.	July 1, 1894
do do Union Railroad.....	.....	.....	117,000	6	J. & J.	Baltimore, Franklin Bank.	Jan. 1, 1890 to '900
<i>Bangor, Me.</i> —City debt proper.....	1858 to '72	100 &c.	156,000	6	Various	Boston, Merchants' N. B'k.	Jan. 1, 1895
Municipal loan.....	1874	1,000	100,000	6	J. & J.	Boston or Bangor.	1878 to '92
Water loan bonds, coup. (Act Feb. 22, 1875).	1875	500 &c.	375,000	6	J. & J.	Boston, Merch'ts' Nat. B'k.	Jan. 1, 1894
European & North American Railroad.....	1869	1,000	1,000,000	6	J. & J.	do do	July 1, 1905
Bangor & Piscataquis Railroad.....	1869	1,000	814,000	6 & 7	A. & O.	do do	Jan. 1, 1894
<i>Bath, Me.</i> —Fund. debt (\$24,500 are 6s, '87, J. & J.)	.....	.....	102,500	5 & 6	M. & S.	City Treasury.	April 1, 1899
Railroad loan.....	.....	.....	193,000	6	Various	do	1887 & 1898
Androscoggin Railroad.....	1861	Various.	425,000	6	A. & O.	City Treasury and Boston.	'83, '85 & '98
Knox & Lincoln Railroad (\$23,750 each year)	1869	Various.	475,000	6	J. & J.	do do	April 1, 1891
do do (F. & A. and M. & S.).....	1871-'72	Various.	420,600	6	Various	do do	July 1, 1880 to '99
<i>Boston</i> —For city purposes, war debt, &c.....	1852 to '64	1,000	3,501,300	5 g.	Various	Boston, Treasurer's Office	1891 & 1902
For city purposes.....	1864 to '77	1,000	13,224,000	4	Various	do do	1880 to '87
do do registered.....	1873-'79	.....	525,000	6	Various	do do	1880 to '97
Burnt district, sterling loan.....	1873	£100 &c.	4,997,604	5 g.	A. & O.	London, Baring Brothers.	1887-'89
Consolidated street improvem't, sterling loan.	1869	£100 &c.	3,391,848	5 g.	J. & J.	do	April, 1893
Roxbury debt, assumed.....	1860 to '64	1,000	311,150	5, 5 1/2, 6	Various	Boston, Treasurer's Office.	July, 1899
Dorchester debt, assumed.....	1861 to '69	Various.	97,500	7	Various	do do	1879 to '84
Charlestown debt, assumed.....	1862 to '73	500 &c.	1,060,000	5 & 6	Various	do do	1879 to '81
Mystic water debt, assumed.....	1862 to '76	1,000	1,153,000	5 & 6	Various	do do	1882 to '93
Brighton debt, assumed.....	1863 to '73	Various.	57,141	6 1/2 & 7	Various	do do	1881 to '94
West Roxbury debt, assumed.....	.....	Various.	370,000	6 1/2 & 7	Various	do do	1880 to '81
Water loan, Chestnut Hill reservoir.....	1867 to '71	1,000	2,040,000	6	Various	do do	1880 to '91
do renewal of loan due '70-'71, all reg.	1871	.....	688,000	6	Various	do do	1880 to 1901
do do '72-'73.....	1872	£100 &c.	1,947,273	5 g.	A. & O.	London, Baring Brothers.	April, 1901
Water works, Roxbury, coupon and registered	1868 to '70	1,000	700,000	6	Various	Boston, Treasurer's Office.	Oct., 1902
do Roxbury & Dorchester.....	1871 to '74	1,000	415,000	6	Various	do do	1880 to '99
do do Dorchester, all registered.....	1871	.....	375,000	6	J. & J.	do do	1901 to 1903
do do W. Roxbury & Brighton, all reg	1875 to '77	.....	360,000	5 & 6	Various	do do	Jan., 1901
do do do reg.....	1876	.....	100,000	5 g.	A. & O.	do do	1905 to 1907
Additional supply water.....	1872 to '75	1,000	648,000	6	Various	do do	April, 1906
do do registered.....	1878	.....	588,000	4	A. & O.	do do	1902 to 1905
do do do.....	1878	.....	12,000	5	A. & O.	do do	1908
Various purposes, for water works.....	1871 to '74	1,000	426,000	6	Various	do do	1908
Water loan bonds, gold, coupon or reg.....	1858-'76	1,000	3,454,000	5 g.	A. & O.	do do	1901 to 1904
Public park and school buildings, registered..	1877-'78	.....	550,000	4 1/2	Various	do do	1905 & 1906
Improved sewerage, registered.....	1877-'78	.....	168,000	5	A. & O.	do do	June & Oct., 1887
Improved sewerage bonds, coup. and reg.....	1873-'79	100 &c.	1,270,000	4	J. & J.	do do	Oct., 1897
<i>Brooklyn</i> —Debt of Williamsburgh, local impr't	1859 to '61	1,000	138,000	6	J. & J.	Brooklyn.	Jan. 1, 1899
Brooklyn local improvement loan.....	1861	1,000	213,000	7	M. & N.	do	1879 to '81
Mount Prospect Square loan.....	1857	1,000	90,000	6	J. & J.	do	1891
Soldiers' aid fund loan.....	1865	1,000	552,000	7	J. & J.	do	1887
Third street improvement loan, local.....	1867	1,000	302,000	6 & 7	J. & J.	do	1885 to '94
Gowanus canal improvement loan, local.....	1866	1,000	212,000	7	J. & J.	do	1881
Bushwick avenue do do do.....	1865	1,000	200,000	7	J. & J.	do	1879 to 90
South Seventh street do do do.....	1866	1,000	238,000	7	J. & J.	do	1879 to '90
Union street do do do.....	1867	1,000	260,000	7	J. & J.	do	1879 to '90

Albany.—The loan to Albany & Susquehanna is secured by 1st mortgage. The valuation of city property in 1878 was: Real estate, \$32,544,090; personal, \$1,743,800, estimated to be about one-third of true value. City tax rate 1879, 2'24, against 3'20 last year.

Atlanta.—The total bonded debt Jan. 1, 1879, was \$1,815,500; floating debt, \$382,415. Assessed value of real estate in 1878, \$12,230,000; personal property, \$5,766,530. Tax rate for all purposes, \$2 30 per \$100.

Augusta.—Of this debt, \$600,000 was issued for railroads, and balance for canal enlargement, water works, &c. Sinking funds, Jan., 1879, \$73,500. Taxable valuation: real estate, \$9,049,355; personal, \$4,692,370; tax rate, \$1 50 per \$100. (V. 23, p. 17.)

Baltimore.—The fiscal year of Baltimore ends now with December 31, instead of Oct. 31. The total of all the sinking funds, January, 1879, was \$6,978,965. The Baltimore & Ohio RR. pays interest on \$5,000,000 loan: Water loan is paid by income of water works, and Public Park by City Passenger R'y, and against a total debt of \$33,908,293, the city has \$2,959,098 productive assets, leaving \$11,009,199, against which are held \$4,841,612 of unproductive assets. The basis of taxation is \$255,000,000. The amount required to be raised in 1879 is \$2,959,633 by the Register's estimate. The tax rate to cover fourteen months was increased in 1878 from \$1 75 to \$1 90 on the \$100. State taxes having been increased from 1 1/2 cents to 1 3/4 cents on the \$100, the total was therefore increased of city and State taxes from \$1 92 1/2 in 1877 to \$2 08 1/2 on the \$100. Population in 1870 was 267,354, against 212,418 in 1860. (V. 22, p. 589; V. 23, p. 514; V. 24, p. 12; V. 25, p. 137, 334.)

Bangor, Me.—The valuation of real and personal property in 1878 is \$9,642,461; rate of taxation, 2'14. The loans to European & North American Railroad and to Bangor & Piscataquis Railroad are secured by first mortgages on those roads.

Bath, Me.—The city holds a first mortgage on the Androscoggin road for the debt, and 2d and 3d mortgages on the Knox & Lincoln for its proportion of \$895,000 out of a total of \$2,395,000 bonds issued by several cities in aid of the latter road. Unexpended balances of appropriations and 3 per cent on city debt are appropriated annually to the liquidation of the principal. Tax valuation, 1877, \$7,267,690; tax rate, \$24 50 per \$1,000.

Boston.—The population of Boston in 1870 was 292,497, against 177,340 in 1860; in 1875 it was 341,919. Valuation of real property in 1878, including the recent annexations, was \$440,336,300, against \$481,409,300 in 1877; and personal, \$190,060,900, against \$205,433,400; upon which the rate of taxation for 1878 was \$12 80 per \$1,000, against \$13 10 in 1877. The total funded debt April 30, 1879, was \$42,359,816. The following is a comparison of the appropriations granted by the City Council, and estimated income to be received for the fiscal year ending April 30, 1879, compared with 1877-8:

	1877-8.	1878-9.
Appropriations.....	\$10,267,258	\$9,555,892
Income.....	2,369,100	2,306,950
Per centage.....	\$7,898,158	\$7,248,942
	236,946	217,468
	\$8,135,104	\$7,466,410

Placing the tax to be paid to the State at \$412,743, the tax warrants exhibit the following result:

	1877-8.	1878-9.
City and County.....	\$8,135,104	\$7,466,410
State, 1877.....	619,119	412,743
	\$8,754,214	\$7,879,153

The Auditor estimated that if the assessed valuations were reduced to \$660,000,000, the tax rate required would be nearly the same as in 1877, when it was \$13'10 per \$1,000; the total valuations, as above, were actually made \$630,427,200. (V. 26, p. 39; V. 27, p. 40; V. 23, p. 145.)

Brooklyn.—There are also \$25,000 7 per cent National Guard bonds due 1880-81. The whole city debt was as follows on December 1, 1878:

Permanent loans.....	\$29,401,500
Sinking funds.....	4,781,978
Balance.....	\$21,619,522
Loans chargeable on specified property..	9,756,000
Tax certificates.....	3,100,000
Total net debt.....	\$37,475,318

The uncollected taxes were \$49,153 on personalty and \$4,675,715 on real estate. The debt increased in 1878 \$781,623, in 1877 \$659,382, and in 1878 \$1,235,566. Population in 1870, 396,200, against 266,661 in 1860. Valuation of property and tax rates per \$1,000 for five years have been:

	Real.	Personal.	Rate.
1874.....	\$204,132,803	\$16,136,304	\$35 50
1875.....	203,904,750	16,287,125	34 27
1876.....	213,134,543	13,875,580	32 64
1877.....	216,481,801	13,111,215	31 70
1878.....	218,373,093	11,968,911	27 02

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

Table with columns: DESCRIPTION, Date of Bonds, Size or par Value, Amount outstanding, INTEREST (Rate, When Payable, Where Payable and by Whom), Principal—When Due. Includes entries for Brooklyn, Buffalo, N. Y., Cambridge, Mass., Charleston, S. C., Chelsea, Mass., Chicago, Cincinnati, Cleveland, and Canal and lock.

The debt of Kings County, separate from the debt of Brooklyn, is \$4,181,821. of which the city is responsible for nineteen-twentieths. (V. 25, p. 358; V. 26, p. 282; V. 28, p. 41.)

Buffalo.—In 1875 real and personal property were assessed at \$34,963,105; in 1876 rule of valuation changed and assessment was \$111,993,905. In 1877 real estate was \$91,130,870; personalty, \$8,844,705; total, \$99,975,575. Buffalo also pays 7-10 (being \$712,390) of Erie county debt. City tax-rate, 1877, \$2.43 on the \$1,000. Since June 1, 1877, coupon bonds have been exchangeable for registered. (V. 22, p. 231, 521; V. 23, p. 135.)

Cambridge, Mass.—The sinking funds amounted to \$8,656,333, December 1, 1877. The investments are nearly all in city bonds at par and stamped "not negotiable." Only \$52,000 debt matures before 1881. Tax valuation, 1875, \$66,623,014; 1877, \$55,000,000. Total debt, \$4,835,175. Population, 1875, 47,838.

Charleston, S. C.—The bonds of Charleston are mostly held within the State of South Carolina. The assessed value of real estate in 1877 was \$18,669,623; personal, \$7,922,155; rate of tax, \$2.60 per \$100. (V. 26, p. 360; V. 27, p. 407.)

Chelsea, Mass.—Sinking fund, \$70,548, and \$21,000 to be added annually. Tax valuation, 1878, \$15,767,407; rate, \$1.76. Total debt, \$1,591,252. Population, 1875, 20,737.

Chicago.—The net funded debt January 1, 1879, was \$13,057,000. Old certificates of indebtedness, \$321,000. Advances and warrants, \$2,210,401. Assessed value of real property, 1878, \$104,420,

053; personal, \$27,561,383—total, \$131,981,436. Tax rate, 1878, \$2.86 3-10 on the Illinois State valuation, and the city debt is limited to 5 percent of that. A decision of the Ill. Supreme Court in Feb., 1878, held the certificates of debt issued prior to May, 1877, as in violation of this and void. A subsequent decision held city scrip of 1873 valid. Of the funded debt, \$4,248,000 is on account of the Water Works, which in 1878 yielded an income of \$897,176.

Table with columns: Year, Assessed Value (Real Estate, Personal), Tax Rate. Data from 1853 to 1878.

Population in 1870 was 306,605, and in October, 1878, 436,731, against 109,230 in 1860. The South Park, West Chicago Park, and Lincoln Park loans are not debts of the city, but of distinct corporations. (V. 23, p. 622; V. 24, p. 443; V. 26, p. 192, 289, 436, 522; V. 28, p. 223.)

Cincinnati.—In addition to the issues above

named, there remain several smaller amounts, as follows: \$108,000 5s, November, 1834; \$56,000 (Y2, & O.) 6s, 1886-88; \$17,000 6s (Q.), Nov., 1890; \$27,000 6s (A.), Mar., 1897; \$50,000 (H2), Aug., 1897. City holds \$950,000 of Cincinnati Southern bonds in sinking funds. In 1870 the population was 216,239, against 161,044 in 1860. Tax rate for 1877, \$29.10 per \$1,000. The following table from the books of the Auditor of Hamilton County, Ohio, exhibits the assessed valuation of the city of Cincinnati in the year 1860, and from 1870 to 1877:

Table with columns: Year, Real estate, Personal estate, Total valuation, Rate tax per \$1,000. Data from 1860 to 1877.

The city is the sole owner of the stock of the Cincinnati Southern Railroad, which is leased to a company formed to operate it. (V. 23, p. 379, 514; V. 24, p. 11; V. 25, p. 16; V. 26, p. 384, 469, 522; V. 27, p. 94, 172, 251, 280, 677; V. 28, p. 624; V. 29, p. 17.)

Cleveland.—The valuation of property for taxation in 1877 was \$51,732,029 real, and \$19,296,123 personal; tax rate, 1878, 17 1/2-20 mills, of which 8 1/2-15 mills are levied for interest and sinking fund. The sinking fund, Jan., '76, amounted to \$1,700,000, market value. The sewer, street improvement and street opening bonds are for special local improvements, and redeemed by assessments on the property benefited. (V. 27, p. 677.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Date of bonds.	Size or par value.	Amount outstanding.	INTEREST.			Principal—When due.
				Rate.	When payable	Where payable and by whom.	
For explanations see notes on first page of tables.							
<i>Cleveland—(Continued)—</i>							
School (\$294,000 are 6 p. ct.)	1864 to '71	\$....	\$409,000	6 & 7	Various	N. Y., Amer. Exch. Nat. Bk.	1878 to '88
House of Correction	1868	....	200,000	7	J. & J.	do do	1878, '83 & '84
Main sewers, special assessment	1860 to '76	....	647,259	6 & 7	Various	do do	1878 to '92
Street improvem'ts do	....	....	1,335,441	....	Various	do do	1878 to '84
Street openings, &c., do	....	....	1,010,463	....	Various	do do	1878 to '86
Infirmary and River dredging	1876-77	....	111,000	6	....	do do	1878-'87
Viaduct (mostly F. & A., A. & O. and J. & D.)	1873 to '77	1,000	1,568,000	5, 6, & 7	Various	do do	1893 & 1907
Bonds	1877	1,000	213,000	6	M. & S.	New York.	Sept. 1, '78, to '86
Bonds	1878	1,000	378,000	6	....	do	1898
<i>Des Moines, Iowa—</i> Bridge bonds	1870	1,000	174,000	10	J. & D.	New York.	June, 1880
Renewed judgment and loan fund	1875	1,000	229,000	7	J. & J.	do	July, 1885
Funding bond fund	1878	1,000	175,000	7	J. & J.	do	July, 1888
<i>Detroit, Mich.—</i> Bonds for various City purposes	1855 to '59	....	130,400	7	Various	N. Y., Metropolitan N. Bk.	1879 to '89
Bonds for Water Work Co., on city's credit	1855 to '76	1,000	1,401,000	7	Various	do do	1879 to 1906
Public Building stock (City Hall) bonds	1859 to '71	....	600,000	7	Various	do do	1879 to '91
Public sewer bonds	1872 to '74	....	340,500	7	F. & A.	do do	1892 to '94
<i>Elizabeth, N. J.—</i> Improvement bonds	1871 to '74	1,000	297,500	7	Various	N. Y., Farmers' L. & T. Co.	1879 to '81
Consol. improvement bonds	....	....	986,000	....	....	do do	....
Funded debt bonds	1870 to '75	1,000	755,000	7	Various	do do	1880 to '95
School House bonds	1872 to '73	1,000	90,000	7	Various	do do	1881 to '93
Market House bonds	1865 to '66	1,000	66,000	7	Various	do do	1879 to '86
Consolidated improvement bonds	1875-'76	1,000	1,575,000	7	A. & O.	do do	1885 to '96
Funded assessment bonds	....	....	712,000	....	....	....	....
Tax arrearage bonds	....	....	244,000	....	....	....	....
<i>Evansville, Indiana.—</i> E. H. & N. RR. bonds	1868	....	250,000	7	M. & N.	New York.	May 1, 1898
City wharf bonds	1869	....	100,000	7	M. & N.	do	May 1, 1899
E. C. & P. RR. bonds	1869	....	100,000	7	J. & D.	do	Dec. 1, 1890
do do	1869	....	200,000	7	J. & D.	do	Dec. 1, 1895
Water works bonds	1870	....	300,000	7 3-10	J. & J.	do	July 1, 1895
Redemption bonds	1876	....	300,000	7	A. & O.	do	April 1, 1906
do do	1876	....	105,000	7	M. & N.	do	May 15, 1906
do do	1877	....	100,000	6	J. & D.	do	June 1, 1907
do do	1878	....	100,000	6	....	do	1908
<i>Fall River, Mass.—</i> City notes	....	Large.	280,000	7	Various	City Treasury.	1881 to 1888
City bonds	....	1000 &c.	250,000	5, 6, 7	Various	do	1880 to 1891
do	....	1,000	600,000	5 g.	F. & A.	Boston, Revere Bank.	Aug. 1, 1894
do	....	1,000	400,000	6	M. & N.	Boston, Bank Redemption.	May 1, 1895
Water loan	....	1,000	200,000	6	M. & N.	do do	Nov. 1, 1879-1880
do	....	1,000	372,000	6	M. & N.	do do	Nov. 1, 1892-1906
do	....	1,000	850,000	6	F. & A.	do do	Aug. 1, 1899-1905
<i>Fitchburg, Mass.—</i> City notes	....	....	50,000	7	M. & N.	City Treasury.	Nov. 20, 1882
City bonds	....	1,000	400,000	6	J. & J.	Boston, Merchants' Bank.	July 1, 1893
Water loan	....	1,000	300,000	6	J. & J.	do do	July 1, 1891
do	....	1,000	100,000	6	J. & J.	do do	July 1, 1895-1906
<i>Galveston, Texas—</i> Bonds for various purposes	1869 to '75	....	467,800	10	Various	Galveston.	1880 to '91
Limited debt bonds (sinking fund 2 per cent)	1877-8-9	....	362,700	8	M. & S.	do	1907-1909
Bonds to purchase blk. 321	1873	....	35,000	8	M. & S.	do	1893-1902
Galveston County bonds, G. C. & S. F. RR.	1876	....	414,000	10	J. & J.	New York.	1906
<i>Hartford, Conn.—</i> Water bonds (\$50,000 due '81)	....	1,000	250,000	6	J. & D.	Merchants' Bank, Boston.	June 1, 1879 & '81
Water bonds	....	1,000	125,000	6	J. & J.	do do	July 1, 1881
do	....	100 &c.	475,000	6	J. & J.	Phoenix Bank, Hartford.	July 1, 1890-'93
do	....	1,000	202,000	6	F. & A.	City Treasury.	Aug. 1, 1900
City bonds (H. P. & F. RR.)	....	1,000	500,000	6	J. & J.	Suffolk Bank, Boston.	June 1, 1891
Park bonds (4 of these bonds are for \$500 each)	....	1,000	130,000	6	F. & A.	Merchants' Bank, Boston.	Aug. 1, 1882 & '84
Funded debt	....	1,000	300,000	6	J. & J.	City Treasury.	Jan. 1, 1893
Capitol bonds	....	1,000	1,000,000	6	J. & J.	do	Jan. 1, 1897
<i>Holyoke, Mass.—</i> City notes	1871-'74	....	227,000	6 &	Various	City Treasury.	1879 to 1886
City bonds	1874	1,000	243,000	6	A. & O.	do	Oct. 1, 1889
Water loan	1872	1,000	250,000	6	J. & J.	do	Jan. 1, 1900
Railroad loan (\$60,000 are J. & J.)	1873	1,000	226,500	7	A. & O.	do	Jan. & Apr. 1, 1894
<i>Indianapolis—</i> Bonds to railroads	1869 to '70	500	155,000	6	Jan.	City Treasury.	Jan. 1, 1889, to '90
Bonds to Un. RR. Tr. Stock Yard (mortgage)	1877	1,000	500,000	6	J. & J.	N. Y., Winslow, L. & Co.	Jan. 1, 1897
Loan bonds, series A	1873	1,000	300,000	7 3	J. & J.	do do	July 1, 1893
do do B	1874	1,000	300,000	7 3	J. & J.	do do	July 1, 1894
do do C	1874	1,000	300,000	7 3	J. & J.	do do	July 1, 1894
do do D	1875	1,000	200,000	7 3	J. & J.	do do	July 1, 1895
Purchase-money bonds—Southern Park	1874	500	109,500	7 3	J. & J.	do do	Jan. 1, 1899
<i>Jersey City—</i> Water loan bonds, mostly coupon	1852 to '67	1,000	1,163,000	6	J. & J.	N. Y., Merch. Ex. N. Bank.	Jan., 1879 to '95
Water loan bonds, mostly coupon	1869 to '73	1,000	3,109,800	7	Various	do do	1899 to 1913
do do do	1877	1,000	416,000	6	J. & J.	do do	July 1, 1907
Forty-year bonds	1873	1,000	622,000	7	J. & J.	do do	July 1, 1913
Improvement bonds	1871	500 &c.	1,869,000	7	M. & N.	do do	May, 1891
do do	1872 to '76	1,000	2,161,500	7	Various	do do	1892 to 1906
Morgan street dock	1870	1,000	125,000	7	J. & J.	do do	June 8, 1900
Funded debt bonds	1872	1,000	500,000	7	M. & N.	do do	May 1, 1897
Old Jersey City bonds, coupon	Various.	1,000	885,400	6 & 7	Various	do do	1879-'90
Hudson City bonds	Various.	Various	173,550	7	Various	do do	Various.
Bergen school loan bonds	1869	1,000 &c	150,000	7	J. & J.	do do	Jan., '98 to 1900
do street improvement bonds	1869	1,000 &c	400,000	7	J. & J.	do do	July, 1889
do improvement and water bonds	1869	1,000 &c	50,000	7	J. & J.	do do	July 1, 1879
do bounty loan	Various.	Various	73,000	7	Various	do do	Various.
Greenville street improvement bonds, &c.	Various.	500 &c.	125,500	7	J. & J.	do do	Various.
Assessment funding bonds	1875-'76	....	900,000	....	Various	do do	1905-6
Revenue bonds, coupon or registered	1876	....	400,000	7	J. & D.	do do	June 1, 1886
Two-year temporary loan, June 17, 1878	1878	....	500,000	....	....	....	June 17, 1880

Des Moines, Iowa.—Assessed value of property, \$5,104,241, which is about 50 per cent of true value. Tax rate, \$5 per \$100.

Detroit, Mich.—The amounts of bonds outstanding are given less those held by sinking fund. The population in 1870 was 79,601; in 1874, by State census, 101,063. The value of waterworks is \$2,483,880, against a debt of \$1,401,000. The water works bonds are issued on a pledge of the city credit, and \$75,000 per year collected in taxes to pay interest on them. Assessed valuation, in 1878, real and personal property, \$87,865,685, against \$93,709,375 in 1877, which is made on the basis of true value, but prior to 1876 assessments were on basis of 30 per cent of real value. Tax rate, 90 cents per \$100.

Elizabeth, N. J.—Default was made in interest Feb. 1, 1879, see V. 28, p. 146. Suits on bonds are pending. Total bonded and floating debt Jan. 1, 1879, was stated at \$5,823,865. Estimated true value of real and personal property, \$28,000,000; assessed valuation, \$14,400,000. Tax rate is \$3 56 within the lamp and water district. Population in 1875, 25,000. (V. 27, p. 461, 539; V. 28, p. 146, 599, 624, 641.)

Evansville, Ind.—No floating debt. Total assessment of real and personal property in 1878, \$23,500,000; tax rate, \$1.25.

Fall River, Mass.—The sinking fund amounted to \$143,068, January 1, 1877. The water works are now completed. Total debt, \$3,577,041. Population, 1875, 45,340.

Fitchburg, Mass.—Sinking fund, \$69,500. Total

debt, \$894,993. Tax valuation, 1876, \$11,714,838. Bonds all coupon. Population, 1875, 12,289.

Galveston, Texas.—The total city debt is \$365,500, of which all are 10 per cent currency, except \$35,000 park 8s, due 1892-1902, and the limited debt bonds. Assessed value of real and personal property, 1878, \$17,000,000. Tax rate, \$1 25 on \$400. (V. 25, p. 283.)

Hartford, Conn.—Total debt, April, 1878, \$3,050,000; net, after deducting resources, \$2,152,100. Tax rate in 1877, 9 1/2 mills for city, and 8 1/2 for town purposes; for 1878, 8 1/2 mills for city was recommended. (V. 23, p. 293.)

Holyoke, Mass.—Bonds all coupon, but can be registered. Sinking fund, \$12,000. Total debt, \$963,500. Tax valuation, 1877, \$9,399,820. Population, 1875, 16,260.

Indianapolis.—The assessment of taxable property in 1878 was \$50,029,971; tax rate, \$1 03 per \$100. The School Board is a distinct organization and levies its own tax, which is included in tax rates and amount above given. There are a few other small issues, amounting in all to about \$50,000.

Jersey City.—One of the main causes of the temporary embarrassment of Jersey City is found in the failure to collect back assessments. The *Evening Post* writes, as quoted at length in the *CHRONICLE*, (Vol. 28, p. 173) that an examination of the assessments charged against property will show that this account has never yielded enough to pay more than the interest on its own bonds, and since 1874 it has not sufficed for that.

What is reasonably to be expected out of these arrears of assessments, which almost cost more than they can ever be worth? The best way to come at this is to review the assessment account up to January 22, 1879. This reads as follows:

A. Total amount for which assessment bonds were issued	\$6,060,000
B. Total amount of assessments as originally confirmed	5,532,539
C. Amount of re-assessment	3,939,262
D. Amount placed on the city by this re-assessment	1,152,759
E. Amount collected on original confirmation	1,894,219
F. Amount collected on re-confirmation	2,354,747
G. Amount placed on city on assessments not re-assessed	1,553,733
H. Amount of assessments not set aside	396,762
I. Amount now confirmed and due (obtained by subtracting from the sum of items C and G, the sum of D and H, and subtracting from the result item F)	1,283,676

In this balance due of \$1,588,676, the interest accrued has not been included. This would amount to about \$200,000. It is concluded that \$1,250,000 is a reasonable net sum to be expected out of the back assessments.

The total debt of the city January, 1879, was \$16,352,014; sinking funds, \$1,014,536; taxes due and unpaid, \$2,391,491. Assessed valuation, 1877: Jersey City, real \$54,581,869, personal \$6,033,150; Hoboken, real \$14,016,900, personal \$1,449,400; Bayonne, real \$5,183,255, personal \$159,775. Population by State census in 1875 was 116,883, against 85,000 by U. S. census of 1870. (V. 28, p. 173, 199, 352, 451.)

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Table with columns: DESCRIPTION, Date of Bonds, Size or par Value, Amount outstanding, INTEREST (Rate, When Payable, Where Payable and by Whom), Principal—When Due. Rows include various cities like Lawrence, Lewiston, Louisville, Lowell, Lynn, Manchester, Memphis, Milwaukee, Minneapolis, Mobile, Nashville, Newark, New Bedford, and New Haven.

Lawrence, Mass.—Total debt, \$1,790,700, of which \$20,000 are 7 per cents. No sinking fund. Tax valuation, 1878, \$23,789,000; rate, 1.50. Population, 1875, 34,916.
Lewiston, Me.—Total debt, \$1,096,400; sinking fund, \$90,410. The railroad bonds were issued to build the Lewiston & Auburn RR., which is owned by the cities of those names. Assessed valuation 1877, \$11,740,602; tax rate, 20 mills on the \$1.
Louisville.—The funded debt, January 1, 1879, exclusive of loans payable by railroad, was \$3,079,000, against \$3,182,000 January 1, 1878. The sinking funds on January 1, 1879, amounted to \$4,501,489. Of the \$3,079,000 there is payable out of the sinking fund \$3,561,000; payable by special tax, \$4,518,000. Population by census of 1870 was 100,759, against 68,033 in 1860; now estimated upon the basis of 7 to a voter makes 120,000. Assessed value of property was highest in 1874, being then \$78,295,114; in 1873 it was \$63,194,487. Rate of taxation for all city purposes in 1878 was \$2 17 on \$100 in each district. The following figures give the assessed property valuation for the past eight years. For 1871, \$76,845,995; 1872, \$77,156,642; 1873, \$77,225,372; 1874, \$78,295,114; 1875, \$75,536,812; 1876, \$71,849,772; 1877, \$68,522,947; 1878, \$63,194,487. In order that this shrinkage in values may be better understood, the following table is added:
1874. 1876. 1878.
Grounds & impr'ts. \$62,218,922 \$56,389,964 \$48,770,596
Merchandise..... 2,696,402 2,061,150 7,213,631
Residuary..... 5,664,930 6,897,733 6,514,321
Personalty..... 714,860 509,925 595,969
Lowell, Mass.—All the notes held by savings banks. Water loan sinking fund, \$143,906. Tax valuation, 1878, \$40,064,126; 1877, \$39,345,265. Total debt, \$2,303,500. Population, 1875, 49,648.
Lynn, Mass.—Total debt, \$2,256,000. Sinking

fund, \$166,470. Tax valuation, 1870, \$20,927,115. Population, 1875, 32,607.
Manchester, N. H.—Total debt, \$1,019,491; assets, \$83,367.
Memphis, Tenn.—The city has been in default for interest since Jan. 1, 1873. The legislature passed a bill, January, 1879, repealing the city's charter, to enable it to avoid its debts. A receiver for the city was appointed by the U. S. courts. The circular of July, 1877, urged the city creditors to accept the proposition to issue the new compromise bonds in exchange for the present indebtedness (including interest on past due indebtedness) at 50 cents on the dollar. For judgments the Legislature authorized the payment of 55 cents. Assessed valuation of real estate, 1875, \$19,329,600; personal, about \$6,500,000. Tax rate, \$2 per \$100. Population in 1870, 40,230. (V. 25, p. 114; V. 27, p. 652, 678; V. 28, p. 121, 146, 224, 579.)
Milwaukee.—The city cannot issue debt beyond 5 per cent of its average assessed value for five years. In 1878, valuation was \$55,255,711. Sinking funds are provided for all the bonds. There is also about \$47,000 scrip issued to settle old railroad bonds. Population by State census, 1875, 101,000. (V. 23, p. 622.)
Minneapolis, Minn.—Total debt, \$971,500; tax valuation, 1876, \$21,834,078; bonds all coupon.
Mobile.—The valuation of property in 1877 was \$11,022,049 real estate and \$6,118,462 personal property; tax rate, 1 6-10 per cent. Interest was in default from July, 1873. A settlement with bondholders was offered by Act of March 9, 1875, viz.: \$510 in 6 per cent bond for \$1,000 of the old 8 per cent. The 5 per cent bonds have a lien on city revenue, and exchange for these was offered at 75 per cent of their face. Up to Jan., 1878, there had been settled, of old bonds, all except \$12,100 of old

bonds, A, B & C; \$56,600 of bonds D, E & F; \$33,509 88 of 1871; \$13,000 of Mob. & Gt. Northern RR. 8s; \$16,000 wharves 8s; \$30,000 Mob. & Ala. Grand Trunk 8s; and \$151,000 Mob. & Northwestern RR. 8s. Also about \$145,000 overdue interest on these issues. In February, 1879, the Legislature repealed the charter of the city. Population about 38,000. (V. 28, p. 224, 227.)
Nashville, Tenn.—At the close of the fiscal year, Sept. 30, '78, there were \$301,185 of past-due coupons, judgments, overdrafts, &c. The total debt was \$1,712,685, against \$1,671,360 Oct. 1, 1877. Assessed valuation of all property, about \$11,000,000; tax rate, 1878, 2 per cent.
Newark.—The bonds in the first line in the table are payable out of the sinking fund of 1859, which amounts to \$114,900; those in second line out of sinking fund of 1864, \$1,017,000; public school bonds out of public school fund, \$179,000; Clinton Hill bonds by sinking fund, \$53,300; tax arrearage, \$275,000; against local improvement bonds the city holds \$2,039,724 of assessments unpaid and a lien on the property. Temporary loan bonds, Jan. 1, 1879, were \$683,500. Valuation of real and personal property, 1878, \$91,784,230. Tax rate for all purposes, 1878, \$1 96 per \$100. Population in 1879, 105,059. (V. 23, p. 253.)
New Bedford, Mass.—Total debt, \$1,250,600. No sinking fund. Tax valuation in 1877—real estate, \$12,609,200, against \$11,946,600 in 1875; personalty, \$13,524,097, against \$14,428,674. Tax rate, 1877, \$18 60 per \$1,000, against \$17 in 1875. Population, 1875, 25,895.
New Haven, Conn.—Total debt, Jan., '79, \$869,000. Sinking fund on City Hall loan, \$54,832; municipal bond fund, \$12,617. The city made a special loan of \$35,000 to the N Haven & Derby RR., and guaranteed \$25,000 of its 2d mortgage bonds. Population, 1870, 50,840. Tax rate, 1878, 9 mills.

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When due.
				Rate.	When payable	Where payable and by whom.	
For explanations see notes on first page of tables.							
N. Orleans—Consol. debt (\$650,000 pay'ble y'rly)	1852	\$1,000	\$1,377,250	6	J. & J.	New Orleans.	July 1, 1892
Railroad debt.	1854-55	1,000	713,000	6	Various	do	1874-5 & 1894
Waterworks loan of 1869.	1869	....	232,000	5	J. & J.	do	Jan. 1, 1899
Seven per cent funding loan of 1869.	1869	....	650,400	7	M. & S.	do	March 1, 1894
Seven per cent funding loan of 1870.	1870	....	445,050	7	J. & D.	do	June 1, 1895
Jefferson City (debt assumed).	'57, '67, '70	....	98,000	8	Various	do	1887 to 1897
Wharf impr. bonds (assumed by lessees).	1870	....	410,000	7-3	J. & D.	do	Dec., 1880
Street improvement bonds.	1871	1,000	30,000	7-3	F. & A.	do	Aug. 1, 1911
Consol. gold bonds (gen'l and drainage series)	1872	1,000	216,000	7 g.	Q.-J.	New York or London.	July 1, 1922
Ten per cent bonds, deficit and old claim.	1871	Various.	377,100	10	A. & O.	New Orleans.	April 1, 1881
New premium bonds (in exchange).	....	....	11,250,840	5	....	....	....
N. O. Waterw'ks Co. new bds. (for \$2,000,000)	....	....	....	....	....	....	....
Newton, Mass.—City bonds and notes.	1864 to '75	1,000 &c	397,000	5, 6 & 6 1/2	Various	City Treasury.	1879 to 1895
Water loan (\$600,000 6s, balance 5s).	1875	1,000	812,750	5 & 6	J. & J.	Boston, Comm'nwealth Bk.	July 1, 1905
New York—Water stock.	1841 to '63	100 &c.	2,414,000	5 & 6	Q.-F.	....	1879 & 1880
Water stock.	1872	100 &c.	500,000	6 & 7	M. & N.	....	Nov. 1, 1902
Croton water stock.	1846 to '69	100 &c.	2,900,000	5 & 6	Q.-F.	....	1883 & 1890
New Croton Aqueduct stock.	1865-6	100 &c.	250,000	6	Q.-F.	....	Aug. 1, 1884
Additional new Croton Aqueduct.	1870 to '77	500 &c.	3,614,600	5, 6 & 7	Q.-F.	....	Aug. 1, 1900
Croton water main stock.	1871 to '77	500 &c.	4,855,000	5, 6 & 7	M. & N.	....	Nov. 1, 1900 & 1906
Croton Reservoir bonds.	1865 to '74	100 &c.	970,637	6	Q.-F.	....	1907 to 1917
Croton Aqueduct bonds.	1866 to '70	100 &c.	490,000	6	Q.-F.	....	1907 to 1911
Croton water pipe bonds.	1869	100 &c.	450,000	7	M. & N.	....	1880
Cent. Park fund stock (\$275,000 only due '98)	1857 to '59	100 &c.	3,341,071	6	Q.-F.	....	1887 & 1898
Improvement bonds.	1874	500	500,000	7	M. & N.	....	1879
Third Avenue improvement bonds (23d ward)	1877	500	24,000	5	M. & N.	....	1880
Central Park fund stock.	1856	100 &c.	399,300	5	Q.-F.	....	July 1, 1898
Central Park improvement fund stock.	1858 to '71	100 &c.	3,849,800	6	Q.-F.	....	1887 & 1895
Dock bonds.	1870-'78	500 &c.	6,510,000	6g., 5, 6, 7	M. & N.	....	Nov. 1, 1901 to '9
Market stock.	1865 & '68	100 &c.	296,000	6 & 7	M. & N.	....	1894 & 1897
City Cemetery stock.	1869	100 &c.	75,000	7	M. & N.	....	1888
City improvem't st'k (part red'mable after '96)	1876	500 &c.	2,215,900	5 & 6 g.	M. & N.	....	'89, '92, '96 & 1926
do do	1870-'73	500 &c.	7,269,400	7	M. & N.	....	1889 & 1892
Lunatic Asylum stock.	1869-'70	100 &c.	700,000	6 & 7	M. & N.	....	1889
Fire Department stock.	1869-'70	100 &c.	521,953	6	M. & N.	....	1899
Fire telegraph bonds.	1870-'73	100 &c.	597,586	6	M. & N.	....	1884
Tax relief bonds, coupon.	1870	500 &c.	3,000,000	7	M. & N.	....	1890
N.Y. Bridge bds (\$2,000,000 red. after July, '96)	1869-'77	500 &c.	3,500,000	5 & 6	M. & N.	....	1905 & 1926
Accumulated debt bonds.	1869-'70	100 &c.	6,500,000	7	M. & N.	....	1884 to '88
Street improvement bonds.	1874-'77	100 &c.	2,738,239	5, 6 & 7	M. & N.	....	1879, '82, & '88
Street opening and improvement bonds.	1871	100 &c.	1,000,000	7	M. & N.	....	1879 to '82
Ninth District Court-house bonds.	1871	500 &c.	300,000	7	M. & N.	....	1890
Department of Parks improvement bonds.	1874-'77	500 &c.	2,168,000	5, 6 & 7	M. & N.	....	Nov. 1, 1879 to '83
Assessment bonds.	1874-'78	500 &c.	7,994,100	5, 6 & 7	M. & N.	....	Nov. 1, 1879 to '83
City parks improvement fund stock.	1871-'78	500 &c.	5,660,000	5, 6, 7 & 6g	M. & N.	....	1901-1904
Normal school fund stock.	1871	500 &c.	200,000	6	M. & N.	....	Nov. 1, 1891
Public school building fund stock.	1871	500 &c.	636,000	6	M. & N.	....	Nov. 1, 1891
Additional Croton water stock.	1871-'78	500 &c.	1,249,000	5, 6 & 7	M. & N.	....	Nov. 1, 1891
Sewer repair stock.	1872	500 &c.	265,000	6	M. & N.	....	Nov. 1, 1882 & '85
Consolidated stock.	1874	500 &c.	8,779,700	6 & 7	Various	....	1894 to '96
do do 20-50 (redeemable July '96)	1876	500 &c.	2,058,350	5 & 6	M. & N.	....	May, '97, 1916-'26
Museum of Art and Natural History stock.	1873-'76	500 &c.	946,000	5 & 6	M. & N.	....	1903
Third District Court-house bonds.	1874	500	398,000	5 & 6.	M. & N.	....	Nov. 1, 1890
Armories and drill-rooms.	1877	500 &c.	375,880	5	M. & N.	....	1880 & 1881
Central Park commission improvement bonds	1876	500 &c.	900,000	6	M. & N.	....	Nov. 1, 1879 to '80
County Court-house stock.	1862 to '68	100 &c.	1,880,000	6	M. & N.	....	1879 to '92
do do No. 3.	1871	100 &c.	600,000	7	M. & N.	....	1884 to '88
do do No. 4 & 5.	1872	....	561,100	5 & 6	M. & N.	....	1894 to '98
Soldiers' bounty fund bonds.	1864	100 &c.	4,000,000	6	M. & N.	....	1883 to '90
Soldiers' subs. and relief red. bonds.	1864	100 &c.	946,700	6	M. & N.	....	1880 to '81
Soldiers' bounty fund bonds, No. 3.	1865	100 &c.	745,800	7	M. & N.	....	1895 to '97
Soldiers' bounty fund red. bonds, No. 2.	1865	100 &c.	376,600	7	M. & N.	....	1891
Riot damages red. bonds.	1864	100 &c.	500,000	6	M. & N.	....	1879
do indemnity bonds.	1864 to '72	100 &c.	855,204	6	M. & N.	....	1882
Assessment fund stock.	1868 to '72	100 &c.	1,719,400	6	M. & N.	....	1887
do do	1873	100 &c.	493,200	6 & 7	M. & N.	....	1903
do do	1875	100 &c.	900,450	6	M. & N.	....	1910
Repairs to buildings stock.	1870	100 &c.	100,000	6	M. & N.	....	1884 to '88
Consolidated stock, gold, coupon.	1871 to '72	500 &c.	14,702,000	6 g.	Various	....	1896 to 1901
Accumulated debt bonds.	1869 to '70	100 &c.	6,000,000	7	M. & N.	....	1884 to '88
N. Y. and Westchester Co. improvement bonds	1870	100 &c.	30,000	6	M. & N.	....	1891
Consolidated stock.	1874	100 &c.	1,680,200	7	J. & D.	....	1896
For State sinking fund deficiency.	1874	100 &c.	3,119,600	7	M. & N.	....	1879 to '86
Debt of Westchester towns annexed.	....	....	1,100,000	....	....	....	....
Consolidated stock, gold.	1878	500 &c.	6,900,000	5 g.	M. & N.	....	1908-1928
Norfolk, Va.—Registered stock.	....	100	1,027,287	6	J. & J.	Norfolk, Treasurer's Office.	1879 to '85
Coupon bonds (\$20,000 due '94 are 6s J. & J.)	1870-'74	100	222,000	6 & 8	M. & S.	do do	Sept., 1890
Trust & paving, coup. (pav'g, \$189,300, J. & J.)	1872-'73	100	415,800	8	A. & O.	Norfolk, Cit. & Peop. Banks	Apr., '92; July, '93
Coupon bds, water (a mort. on water works.)	1871	100	500,000	8	M. & N.	New York, Park N. Bank.	May, 1901
Norwich, Conn.—City bonds.	1868	1,000	125,000	7	A. & O.	Phames N. Bk; Bost., Bk. Rep	Oct. 1, 1893
City bonds.	1877	1,000	160,000	5	A. & O.	Norwich.	April 1, 1907
Water loan (\$50,000 1890, \$250,000, 1898)	1868 & '70	1,000	200,000	6 & 7	J. & J.	do	Jan. 1, '98 & 1900
Court House.	1875	1,000	164,000	7	J. & J.	do	Jan. 1, 1905
Sinking fund bonds.	1878	1,000	150,000	5	A. & O.	do	April 1, 1908

Interest is payable at City Comptroller's Office, New Court House, except such interest on the gold bonds as is paid abroad, and that is payable at Messrs. Rothschild's in London.

New Orleans.—A decision of La. Supreme Court, Dec., 1878, holds invalid the special tax provisions for consolidated bonds. The floating debt, Jan. 1, '78, was \$1,841,928. The assessed valuation of property for 1878 is \$111,123,645, real and personal. State tax, 14 1/2 mills; city tax, 15 mills; total tax, 29 1/2. A scheme for settling the debt by a bond premium drawing plan is in practice, and drawings take place Jan. 31, April 15, July 31, and October 15. Population in 1879, 191,418; in 1860, 138,670. (V. 27, p. 143, 225, 629; V. 28, p. 13, 352.)

Newton, Mass.—Total debt, \$1,232,054. Tax valuation, 1873, \$25,012,900; rate, \$13'80 per \$1,000. Population, 1875, 16,405.

New York City.—The total debt of New York, Jan. 1, 1879, was \$145,562,190; the amount of sinking funds \$32,143,787. The following statement shows the details of funded debt, and the amount in the city sinking fund at the dates named:

Description.	Jan. 1, '77.	Jan. 1, '78.	Jan. 1, '79.
Funded debt....	\$119,631,313	\$121,440,133	\$126,123,815
Sinking funds..	28,179,102	31,080,007	32,143,787
Net debt.....	91,452,211	90,360,126	93,985,028
Temporary debt.	22,371,400	21,329,500	13,481,500
Revenue bonds..	6,104,844	6,051,421	5,952,075

The population of New York by the U. S. census in 1870 was 922,531, against 805,658 in 1860. Since Jan. 1, 1861, the valuation, rate of taxation, and net funded debt at end of year, have been as follows:

Year.	Real estate.		Personal estate.		—Rate tax p. \$1,000.—		Net debt.
	State.	City.	State.	City.	State.	City.	
1861.	406,955,665	174,621,396	2 62	16 26	*	20,087,301	
1862.	399,556,404	172,416,031	3 87	13 45	*	21,695,506	
1863.	402,187,382	191,967,161	4 27	16 08	*	26,183,190	
1864.	410,774,435	223,920,505	5 31	17 29	*	33,769,601	
1865.	427,360,834	181,423,471	4 96	24 94	*	35,973,597	
1866.	473,904,934	257,991,974	3 91	19 06	*	33,654,683	
1867.	555,447,082	276,399,451	4 67	22 03	*	32,914,421	
1868.	623,236,555	285,199,972	6 13	20 17	*	35,983,647	
1869.	681,183,918	281,142,696	2 72	9 98	*	47,791,840	
1870.	742,103,075	305,285,374	2 70	19 80	*	73,373,552	
1871.	769,302,250	306,947,233	4 43	17 27	*	38,369,386	
1872.	797,148,665	306,949,422	5 20	23 81	*	35,582,153	
1873.	836,693,380	291,577,643	5 41	19 59	*	106,363,471	
1874.	881,547,995	272,431,181	6 95	21 05	*	114,979,970	
1875.	883,643,545	217,300,154	—	29 40	*	116,773,721	
1876.	892,428,165	218,626,178	—	28 00	*	119,811,310	
1877.	895,943,933	206,028,160	—	26 50	*	117,700,742	
1-78.	900,855,700	197,532,075	—	25 50	*	112,415,403	

* Less sinking funds.

By an act of 1874 the towns of West Farms, Morrisania and Kingsbridge, embracing about 12,000 acres, were annexed to New York. Last report of Comptroller in Vol. 27, p. 252. Mayor Ely, in his message Jan. 1878, remarked: From an indebtedness of about \$18,000,000 on Dec. 31, 1857, at the expiration of ten years, namely, December 31, 1867, the amount had increased to \$32,914,421.26. This covered the period of the war, during two years of which, 1863 and 1864, more than \$2,000,000 was added to the debt. From 1867-8 may be dated the accession of the corrupt administration known

as "the Ring" to full control. This dynasty continued in power for nearly five years, until 1873, during which period the aggregate debt of the city increased as follows: 1864, \$35,983,647; 1869, \$47,791,841; 1870, \$73,373,552; 1871, \$88,369,386; 1872, \$95,582,153. Then followed an almost entire change of administration, and many sincere efforts to economize expenditures and diminish the increase of the public debt. But such efforts were only to a limited degree successful, as the following table of its increase from 1873 to 1876 will show:

1873.....	\$106,363,471	1875.....	\$116,773,721
1874.....	114,979,969	1876.....	119,811,310

The outstanding assessment bonds (payable out of local assessments on property benefited) are represented by advances to contractors, advances on Boulevard work, and uncollected local assessments. The new consolidated 5 per cent gold bonds, for \$6,900,000, were taken Oct., 1878,

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When Due.
				Rate.	When Pay'ble	Where Payable and by Whom.	
For explanations see notes on first page of tables.							
<i>Paterson, N. J.</i> —School bonds.....	1858-'73	\$500	\$130,000	7	J. & D.	City Hall, by Treasurer.	Dec., 1879-1904
Funded debt bonds.....	1862-'71	500	140,000	7	J. & D.	do do	Dec., 1879-1900
Improvement bonds.....	1869-'71	500	38,000	7	J. & D.	do do	Dec., 1879-1886
Sewer bonds (\$125,000 are M. & S.).....	1863-'65	500	433,500	7	J. & D.	do do	1882-1902
War bounty bonds.....	1877	100 & c	100,000	6	J. & D.	do do	Dec., 1879-1900
Funding bonds, "A".....	1877-'78	500	90,000	6	J. & D.	do do	June, 1887
Renewal bonds, "B".....	1877-'78	500	90,000	6	J. & D.	do do	1901-1904
<i>Philadelphia</i> —Bonds prior to consolidation.....	1855	.....	5,753,391	5 & 6	Various	Phila., Far. & Mech. N. B'k	1879 to '85
Bonds for railroad stock subsidy subscribers do for water works.....	1855 to '71	.....	1,725,000	6	J. & J.	do do	} 1879 to 1903
do for bridges.....	1859 to '70	.....	6,500,000	6	J. & J.	do do	
do for park and Centennial.....	1868 to '70	.....	4,853,500	6	J. & J.	do do	} 1879 to 1905
Bonds for war and bounty purposes do municipal, school, sewer, &c.....	1862 to '65	.....	8,701,600	6	J. & J.	do do	
Guaranteed debt, gas loans.....	1860 to '70	.....	11,650,000	6	J. & J.	do do	} 1879 to 1905
Water loan (\$50,000 each year).....	.....	.....	15,709,750	6	J. & J.	do do	
<i>Peoria, Ills.</i> —School loan.....	.....	.....	5,999,400	6	J. & J.	do do	1883 to 1905
Water loan.....	.....	.....	74,500	7	Various	N. Y., Amer. Exch. Nat. Bk.	1879 to 1890
do.....	.....	.....	100,000	10	M. & N.	do do	May 15, 1879 & '81
Bounty loan (\$21,000 payable each year).....	.....	.....	195,000	7	J. & D.	do do	June 1, 1888
<i>Peoria & Rock Island Railroad</i>.....	.....	.....	42,000	10	M. & S.	do do	1889-1891
<i>Pittsburgh</i> —Water exten. loan (coup. or reg.).....	1868 to '74	.....	100,000	7	J. & J.	City Treasury.	Mech 1, 1882 & '83
Funded debt and other municipal bonds.....	1845 to '72	.....	4,413,400	7	A. & O.	New York.	July 1, 1888
Compromise railroad bonds (coup. and reg.).....	1863	.....	2,241,000	6 & 7	Various	Philadelphia.	1893 to '98
Bonds impr. Penn. av., &c. (local assessment).....	1871 to '73	.....	2,179,469	4 & 5	J. & J.	Pittsburg, Phila. & N. Y.	1877 to 1912
Bonds for overdue interest.....	1879	.....	5,028,800	7	Various	New York, B'k of America.	1913
<i>Portland, Me.</i> —Loan to Atl. & St. Lawrence RR.....	'68, '69, '70	1,000	1,405,000	.....	.....	Philadelphia.	1883 to '85
Loan to Portland & Rochester Railroad.....	1867 to '69	500 & c.	787,000	6	M. & N.	Boston, Blackstone N. B'k.	Nov., 1886, '87, '88
do do do.....	1872	.....	700,000	6	J. & J.	do do	July, 1887
do do do.....	1872	.....	450,000	6	J. & J.	do do	July 1, 1897
Municipal—proper, (\$63,000 are 5s due '83).....	1852-'75	500 & c.	1,350,000	6	M. & S.	do do	Sept. 1, 1907
Building loan bonds.....	1867	1,000	1,645,800	5 & 6	m'thly	Boston and Portland.	1879 to '95
<i>Providence, R. I.</i> —Bonds for public improvem'ts.....	1855	1000 & c.	425,000	6	J. & D.	do do	June 1, 1887
Recruiting and bounty bonds.....	1863	1000 & c.	600,000	6	M. & S.	Providence.	Sept., 1885
Water loan bonds, gold, coupon and reg.....	1872	1000 & c.	300,000	5	J. & J.	do do	Jan., 1893
do do do.....	1874	1000 & c.	2,000,000	5 & 6 g.	J. & J.	Boston, Prov. and London.	Jan., 1900
do do do.....	1876	1000 & c.	2,000,000	5 g.	J. & J.	N. Y., N. City Bank, & Prov.	Jan., 1900
City Hall & sewer loan b'ds, sterling, cp. or reg do loan of 1879.....	1875	\$100	1,500,000	5 g.	J. & J.	do do	July 1, 1906
Prov. & Springfield RR. bonds, guaranteed.....	1879	.....	1,397,250	5 g.	J. & J.	London, Morton, Rose & Co	July 1, 1895
Brook Street District notes.....	1872	1,000	600,000	4 1/2	J. & D.	Providence.	June 1, 1899
<i>Richmond, Va.</i> —Bonds, reg., (\$112,000 are coup.).....	1877	1,000	500,000	7	J. & J.	do do	1892
Bonds, reg. and coup. (\$232,000 are coup.).....	.....	.....	700,000	5	M. & S.	Treasury.	Sept. 1, 1880-'84
<i>Rochester, N. Y.</i> —To Genesee Valley Railroad.....	.....	.....	3,145,000	6	J. & J.	.....	J. & J., 1880-1912
To Roch. & State L. and R. N. & P. Railroads.....	.....	1,000	1,214,700	8	J. & J.	.....	1886 & 1904-1909
For various city improvements.....	.....	1000 & c.	168,000	7	J. & J.	N. Y., Metropolitan N. Bk.	1879 to 1903
Water works loan, coupon and registered.....	.....	Various	750,000	7	F. & A.	New York and Rochester.	1893
Funding loan.....	.....	1000 & c.	961,686	6 & 7	Various	do do	1879 to 1902
<i>Rockland, Me.</i> —City bonds.....	1875	.....	3,182,000	7	J. & J.	N. Y., Union Trust Co.	Jan. 1, 1903
Railroad loan (\$20,000 payable yearly).....	.....	100 & c.	410,000	.....	.....	do do	1905
do.....	1869	100 & c.	160,650	5 & 6	Semi-an	City Treasury.	1880 to 1897
do.....	1871	100 & c.	400,000	6	J. & J.	Boston, First National Bk.	1880 to 1899
do.....	1872	100 & c.	150,000	6	F. & A.	do do	1891
<i>St. Joseph, Mo.</i> —Bonds to St. Jo. & Den City RR.....	1860 to '69	500	205,000	6	M. & S.	do do	1892
Bonds to Missouri Valley Railroad.....	1869	500	431,500	6 & 7	Various	N. Y., Nat. B'k Commerce.	1880 to '89
Bonds for various purposes.....	1858 to '69	100 & c.	150,000	7	M. & N.	do do	Nov., 1889
Bridge bonds.....	1871	500	299,400	10 & 6	Various	St. Joseph and New York.	1878 to '89
<i>St. Louis</i> —Renewal and floating debt bonds.....	1846 to '71	Various	500,000	10	J. & J.	N. Y., Nat. B'k Commerce.	1891
Real estate, buildings and general purposes.....	1840 to '68	Various	1,922,000	6	Various	N. Y., Nat. Bank Republic	1879 to '91
Street improvement bonds.....	1855 to '57	Various	1,148,000	6	Various	do do	1880 to 1906
Water work bonds (old).....	1856 to '58	Various	70,000	6	Various	do do	1882 & '87
Tower Grove Park bonds (gold).....	1868	1,000	336,000	6	Various	do do	1880 to '83
Sewer bonds.....	1855 to '69	1,000	346,000	6 g.	F. & A.	do do	Aug., 1898
Harbor and wharf bonds.....	1852 to '68	Various	885,000	6	Various	do do	1880 to '89
New water work bonds (gold).....	1867 to '70	1,000	870,000	6	Various	do do	1879 to '88
do do do.....	1872	1,000	3,950,000	6 g.	J. & D.	New York and St. Louis.	June, 1887, to '90
Renewal and sewer bonds (gold).....	1871 to '73	1,000	1,250,000	6 g.	A. & O.	N. Y., Nat. B'k Commerce.	April 1, 1892
Renewal purposes, gold or sterling.....	1873	1,000	681,000	6 g.	Various	do do	1891 to '94
Renewal, &c., bonds, gold, \$ and £.....	1875	1,000	1,074,000	6 g.	M. & N.	New York or London.	Nov. 1, 1893
Renewal, &c., bonds, gold, and £, coupon.....	1874-'79	1,000	707,000	6 g.	M. & N.	do do	May 1, 1895
Bridge approach bonds (gold).....	1872	500	2,747,000	6 g.	J. & J.	do do	1894 & 1899
<i>St. Louis County bonds assumed</i> — Renewal bonds, coupon.....	1867 to '71	1,000	461,000	6 g.	J. & D.	N. Y., Nat. B'k Commerce.	Dec. 10, 1892
Bonds to railroads, coupon.....	1853 to '55	1,000	300,000	7	J. & J.	N. Y., Nat. Bk. Commerce.	1879 to 1881
Insane Asylum.....	1867	1,000	325,000	6 g.	J. & J.	do do	1879 to 1880
County Jail.....	1868	1,000	100,000	7	J. & J.	do do	July 1, 1887
General purposes, gold.....	1872	1,000	500,000	7	M. & S.	do do	Sept. 1, 1883
Renewal, gold.....	1873 to '76	1,000	600,000	6 g.	J. & D.	do do	June, 1892
Park bonds, coupon, gold.....	1875	1,000	550,000	6 g.	J. & J.	do do	1893 to 1896
County bonds.....	1875	1,000	2,300,000	6 g.	A. & O.	do do	April 1, 1905
<i>St. Paul, Minn.</i> —Revenue bonds.....	Various.	Various	504,815	6 g.	M. & N.	do do	May 1, 1895
Preferred bonds.....	Various.	Various	47,710	12 & 7	M. & N.	N. Y., Kountze Brothers.	1879 to '90
8 per cent bonds.....	Various.	Various	263,125	7	M. & N.	do do	1883 to '86
Lake Superior & Mississippi Railroad.....	1868	500 & c.	200,000	8	Various	do do	1889, '90, '96
St. Paul & Chicago Railroad.....	1870	1,000	100,000	6	J. & D.	do do	1888 & '98
Public Park (Como).....	1873	1,000	100,000	7	J. & D.	do do	1900
						do do	1903

Philadelphia—The total funded debt, January 1, 1879, was \$5,093,241; guaranteed debt, \$5,999,400; floating debt, \$10,742,458. Sinking funds, \$13,499,810. Total asset, including sinking fund, railroad stocks held, \$4,344,315 of taxes "due and collectible," and \$1,390,661 cash, were \$22,203,445, leaving balance of liabilities \$49,631,656. The following table exhibits the assessed valuation and tax rate in the city since 1871:

Year.	Real Estate.	Personal Estate.	Rate Tax per \$1,000
1872.....	\$502,415,863	\$3,608,819	\$20 80
1873.....	518,224,568	8,930,700	21 50
1874.....	539,003,602	9,239,933	22 00
1875.....	565,849,095	9,434,873	21 50
1876.....	585,408,705	10,004,673	21 50
1877.....	593,313,532	9,755,000	22 50
1878.....	536,958,097	.....	21 50
1879.....	526,539,972	8,039,812	20 50

There is no large amount of city debt maturing in the next four years. Assessed valuations of real estate for 1879 are: Full city property, \$431,533,599; suburban property, \$31,992,025; farm property, \$18,034,240. Population, 1870, 674,022, against 565,529 in 1860. (V. 27, p. 623.)

Peoria, Ill.—Total debt, \$636,500; tax valuation, 1876, \$14,574,105.

Pittsburgh—Assessed valuation in 1878: Real property, \$106,134,223; personal, only \$2,905,478; "Occupation," \$5,679,129. Sinking funds, \$473,277. Tax rate, 1878, \$1 01. Population about 140,000. Interest defaulted April, 1877. (V. 24, p. 519, 591; V. 26, p. 159, 181, 368, 411; V. 27, p. 63, 643; V. 28, p. 43, 302.)

Portland, Me.—The sinking fund March 31, 1878, was \$377,961. The city is protected by mortgages on Atlan. & St. Lawrence, Portland & Roches-

ter and Portland & Ogdensburg Railroads. Assessed value of real estate in 1877, was \$19,067,200; population, \$11,825,645. Tax rate, \$25 per \$1,000. Population in 1870, 31,413, against 26,341 in 1860. (V. 24, p. 542.)

Providence, R. I.—The principal debt of Providence has been created since 1872 for water works, sewerage and new City Hall. The floating debt at close of fiscal year Sept. 30, 1878, was \$2,793,309, including above Brook Street notes and \$90,000 High School notes. The assessed valuations of all property in 1878 were: real estate, \$86,341,100; personal, \$30,639,400. Rate of tax, \$14 50 per \$1,000. The sinking fund for bonds due in 1885, \$516,737; sinking funds of 1893, \$191,060; '95, \$120,803; 1900-6, \$103,224. Population by U. S. census, '70, 68,901; by State census, '75, 100,860. The laws of Rhode Island now limit the debts of towns to 3 per cent of their assessed valuation. (V. 28, p. 578.)

Rochester—The bonds of Genesee Val. RR. loan, \$168,000, are provided for by net receipts from a lease of said road to Erie Railway Company after paying the interest out of said receipts. Real property asse- sed, \$48,000,000; personal, \$2,030,000. Rate of tax, 1877, \$2 per \$100.

Richmond, Va.—Real estate assessed, 1878, \$23,076,513; personal, \$11,513,581. Tax rate, \$1 40.

Rockland, Me.—Valuation of real estate, 1878, \$2,484,945; personal, \$1,022,236. Tax rate, \$31 per \$1,000.

St. Joseph, Mo.—Population in 1870 was 12,565, against 8,932 in 1860. Assessed valuation of property, \$11,000,000; rate of tax, .23 mills. (V. 23, p. 135, 175; V. 25, p. 408; V. 28, p. 477.)

St. Louis—Population by the U. S. census in 1870 was 310,864, against 160,773 in 1860. The city and county were merged by law in 1877 and city as-

sumed the county bonds. In the last fiscal year the resources were:
Balance April 11, 1877..... \$691,272
Interest revenue..... 1,731,670
Municipal revenue collections..... 2,611,609
Special collections..... 323,416
Proceeds of anticipation notes..... 725,000
Proceeds of renewal bonds..... 351,000

The expenditures were..... \$5,900,541
Unpaid warrants on hand April 11, 1878..... 40,944

Balance in treasury April 10, 1873..... \$654,431

The Comptroller gives the following in his report to April, 1878: The liabilities appear as follows: The bonded debt at the close of fiscal year (April 9, 1878), was \$15,996,000; the bonded debt of the late county, assumed by the city, \$3,459,000. Other liabilities—claim of St. Louis Gaslight Co. for gas furnished, with interest, \$685,000. The sinking fund is as follows: Assets of this fund at commencement of the present fiscal year, \$590,095. The resources available this fiscal year will be about \$110,000. Assessed valuation of real property in 1879, \$135,708,000; personal, \$30,224,860. Tax rate for city purposes in old limits, \$1 75; in new limits, \$1 50. (V. 25, p. 204; V. 26, p. 290, 359, 436; V. 27, p. 229.)

St. Paul, Minn.—Population in 1870 was 20,030; in 1878 (claimed), 45,000. Assessed valuation of taxable property, 1878, \$23,061,000, or about one-half of the estimated actual value. Tax rate 13 mills per \$1.

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When Due.
				Rate.	When Pay'ble	Where Payable, and by Whom.	
For explanations see notes on first page of tables.							
<i>St. Paul, Minn. (Continued.)—</i>							
Local improvement	1873	\$1,000	\$100,000	7	J. & J.	N. Y., Kountze Brothers,	1893
Bonds	1879	1,000	115,000	6	A. & O.	do do	April 1, 1904
<i>Salem, Mass.—City debt.</i>							
City debt	....	100 &c.	112,000	5 & 6	J. & J.	City Treasury.	1879 to 1889
Water loan	....	1,000	300,000	6	J. & J.	Boston, Merchants' Bank.	Jan. 1, 1891
do	1877	1,000	500,000	5	A. & O.	do do	Apl. 1, 1883-1898
<i>San Francisco—Bonds of 1858, coupon (gold).</i>							
Judgment bonds, coupon (gold)	1858	500 &c.	398,500	6 g.	J. & J.	do do	July 1, 1904
Central Pacific Railroad, coupon (gold)	1863 to '64	500 &c.	542,000	7 g.	A. & O.	San Francisco.	Jan. 1, 1888
Western Pacific Railroad, do do	1864	500 &c.	435,500	7 g.	J. & J.	do	Oct. 1, 1883
School bonds, do do	1865	500 &c.	377,000	7 g.	J. & J.	do	July 1, 1894
Judgment bonds, do do	1866 to '67	500 &c.	250,000	7 g.	M. & N.	do	May 1, 1895
School bonds, do do	1867	500 &c.	197,000	7 g.	A. & O.	do	April 1, 1881
School bonds, do do	1870 to '72	500 &c.	246,000	7 g.	A. & O.	do	Oct. 1, 1887
School bonds, do do	1874	500 &c.	385,000	7 g.	J. & D.	do	June 1, 1882 to '90
Park improvement bonds, do do	1872 to '75	500 &c.	200,000	6 g.	J. & J.	do	July 1, 1894
Hospital bonds, do do	1871 to '73	500 &c.	475,000	6 g.	J. & J.	do	1897 & 1904
House of Correction bonds, do do	1874	500 &c.	210,000	6 g.	M. & N.	do	Nov. 1, 1891
City Hall construction, do do	1875 to '76	500 &c.	150,000	7 g.	J. & J.	do	July 1, 1894
Widening Dupont St. (Act March 4, 1876), do do	1876	....	750,000	6 g.	J. & J.	do	1899
<i>Savannah, Ga.—Construction of water works.</i>							
Improvement of Savannah River	1853	500	915,000	7 g.	J. & J.	do	1896
Savannah, Albany & Gulf Railroad	1853	500	198,000	7	F. & A.	New York and Savannah.	Feb., 1878
Funding coupons and other purposes	1853	500 &c.	64,500	7	M. & N.	do do	Nov., 1883
Redemption of bonds, do do	1866	100 &c.	937,500	7	J. & D.	do do	Dec., 1888
do do	1869	1,000	368,800	7	J. & J.	do do	Feb., 1886
Bonds for city improvements, do do	1870	500	117,000	7	M. & N.	do do	Nov., 1879
Harbor, &c., improvements, do do	1870	1,000	349,500	7	J. & J.	do do	June, 1890
For floating indebtedness, do do	1872	1,000	534,000	7	M. & N.	do do	Nov., 1900
New compromise bonds, do do	1873	500 &c.	500,000	7	J. & J.	do do	Jan. 1, 1902
do do	1878	....	400,000	7	J. & J.	do do	July 1, 1903
<i>Somerville, Mass.—City debt.</i>							
City debt	....	Large.	10,000	5	....	....	....
do	....	Various.	461,000	7	A. & O.	Boston, Nat. Security Bank	April 1, 1879
do	....	Large.	165,000	6 1/2	A. & O.	do do	April, 1879 to '84
do	....	Various.	115,000	6 1/2	J. & J.	do do	July 1, 1880 to '84
do	....	Large.	140,854	6	Various	do do	Oct. '81-'4, July, '85
do	....	1000 &c.	200,000	5 1/2	Various	do do	July, '84, Apl., '95
Park & wat'r (\$170,000 A. & O.; \$155,000 J. & J.)	....	Large.	325,000	5	Various	do do	Apl., '95, July, '96
Water loan	....	Large.	320,000	6 1/2	Various	do do	1881 to 1884
<i>Springfield, Mass.—City notes.</i>							
City bonds	....	Large.	137,000	5 1/2, 6, 6 1/2	Various	do do	1880 to 1906
Water loan (\$200,000 are 6 per cents)	....	1,000	211,000	6	Various	City Treasury.	1879 to 1884
Railroad loan	....	1,000	1,200,000	6 & 7	A. & O.	Boston, First National B'k.	1879-1890
Railroad notes	....	1,000	300,000	7	A. & O.	do do	Apl. 1, '94, to 1905
do	....	Large.	45,000	6	Various	do do	Apl. 1, 1879-1893
<i>Toledo, O.—General fund city bonds, coup.</i>							
Toledo & Woodville Railroad, coupon	'70, '71, '76	....	1,310,000	6, 7 & 8	Various	N. Y., Imp. & Trad. N. Bk.	1879 to 1881
Water works	1870	....	447,000	7-3	M. & N.	do do	1879 to '94
Short bonds, chargeable on special assessm'ts	1873 & '74	....	1,000,000	8	Various	do do	May, 1900
<i>Worcester, Mass.—City debt, coup. and regist'd.</i>							
City debt, registered (5 pieces, \$100,000 each)	....	Large.	640,300	7 & 8	Various	do do	June, '93 & Sep., '94
do (\$248,000 reg., \$552,000 coupon)	....	....	49,000	5 & 6	J. & D.	City Treasury.	1879 to '81
do reg. (\$160,000 J. & J., \$200,000 A. & O.)	....	500 &c.	500,000	6	J. & J.	do do	1879-1884
do reg. (\$160,000 J. & J., \$200,000 A. & O.)	....	500 &c.	800,000	6	A. & O.	C. Treas. & Bost. Mchts.' Bk.	Jan. 1, 1881
Sewer loan (\$92,000 are J. & D., balance J. & J.)	....	Various.	360,000	5	Various	City Treasury.	April 1, 1892
Water loan (\$315,900 reg., \$84,000 coup.)	....	500 &c.	228,200	6	Various	do do	1837, '88 & 1905
do	....	500 &c.	399,900	5 & 6	Various	do do	1879 to 1881
do	....	500 &c.	399,900	5 & 6	Various	do do	1879 to 1906

Salem, Mass.—The sinking fund amounts to \$173,063, and the bonds are valued at par; \$1,146,000 of debt coupon; balance registered; total, \$1,452,678. Population, 1875, 25,958. Tax valuation, 1875, \$26,312,272; 1877, \$25,810,600.

San Francisco.—Population by the U. S. census of 1870 was 149,482, against 56,802 in 1860; in 1876 claimed 272,000. Real estate for the fiscal year ending June 30, 1878, is assessed at \$190,221,003; personal property at \$70,041,340. About \$54,000,000 of mortgages are now omitted from assessment. Sinking funds raised annually amount to \$263,500. Tax rate in 1877-8 is \$1 60 per \$100, for city and county purposes. (V. 28, p. 165.)

Savannah, Ga.—Default was made on interest Nov. 1, 1876, in consequence of yellow fever and non-collection of taxes. The compromise now virtually carried out is given in V. 26, p. 625, by which new 5 per cent bonds are exchanged for the face of old bonds; and for interest up to Feb. 1, 1879, 58 per cent of the face value in similar bonds. Assessed value of real estate, \$11,000,000; personalty, \$4,200,000; tax rate, 1 1/2 per cent. Population in 1870, 28,235, against 22,292 in 1860. (V. 26, p. 18, 626; V. 27, p. 122, 173, 563; V. 28, p. 17.)

Somerville, Mass.—Total debt, \$1,771,854; sinking fund, \$45,131; tax valuation, 1876, \$26,573,400. Except \$140,000 5s in \$1,000 pieces, all bonds are in \$2,000 to \$50,000 pieces.

Springfield, Mass.—Total debt, \$1,946,611; cash assets, \$303,989. The railroad debt falls due \$20,000 each year. No registered bonds. Tax valuation, 1870, \$25,514,060; 1876, \$35,109,456; 1877, \$30,697,776. Rate, 1-32. Population in 1875, 31,053.

Toledo.—Total debt, Jan., 1879, was \$3,531,296. Of this the debt payable by special assessments was \$640,307, and the certificates of indebtedness, \$103,147. Taxable valuation of real estate, 1878, \$134,030,070; personal, \$5,567,000. Tax rate, \$3 28 per \$100.

Worcester, Mass.—Total debt, \$2,407,100—reg., \$1,663,800; coup., \$743,300. Cash assets, \$150,180, including \$44,352 sinking fund. Population, 49,317 in 1875. Tax valuation, 1870, \$34,018,450; 1878, \$41,969,748; tax rate, 1-54.

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DESCRIPTION. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Payable	When Payable, and by Whom.	
Alabama Central—(Selma & Merid.)—1st mort.	81	1871	\$...	\$1,600,000	8	J. & J.	.....	June, 1901
Ala. & Gt. South'n.—Receiver's certific. of Ala. & Chatt	296	1878	1,000	700,000	8	M. & S.	.....	1882
1st mortgage, new, (for \$1,750,000)	201	.....	100	3,500,000	6 g.	J. & J.	N. Y., Farmers' L. & T. Co	Jan. 1, 1908
Albany & Susquehanna—Stock	142	1863	1,000	1,000,000	3½	J. & J.	N. Y., B'k of Commerce.	July 1, 1879
1st mortgage	142	1865	1,000	933,000	7	J. & J.	N. Y., Del. & Hud. Can. Co	July, 1888
Albany City loan (sinking fund, 1 per ct. yearly)	142	1865	1,000	2,000,000	6	M. & N.	do do	Nov., 1895
2d mortgage	142	1869	500 &c.	253,000	7	A. & O.	do do	Oct., 1885
3d mortgage, sinking fund	142	1876	1,000	1,960,000	7	M. & N.	do do	May, 1881
Consol. mort. (guar. D. & H.) coup., may be reg.	262	.....	50	2,166,500	7	A. & O.	do do	April 1, 1906
Alleghany Valley—Stock	132	1866	1,000	4,000,000	7-30	J. & J.	N. Y., Winslow, L. & Co.	March 1, 1896
General mortgage (Riv. Div.)	110	1870	.....	3,100,000	5	January	Harrisburg, Treasury.	\$100,000 y'rly.
Bonds to State Pa. (endorsed) 2d mort., East ext.	110	1871	1,000	10,000,000	7 or 6 g.	A. & O.	Philadelphia or London	April 1, 1910
1st mort., East'n Exten., guar. by Pa. RR.	262	1874	100 &c.	6,870,000	7	A. & O.	Pittsburgh.	Oct. 1, 1894
Funding income bonds, with traffic guarantee	149	1878	100 &c.	1,125,000	7	M. & S.	Boston, at Office.	Mar. 1, 1908
Atchison & Nebraska—1st mortgage	867	1869	500 &c.	7,041,000	7 g.	J. & J.	Boston.	July, 1899
Atchison, Topoka & Santa Fe—1st mort., gold	.....	1870	500 &c.	3,265,000	7 g.	A. & O.	do do	Oct. 1, 1900
Land grant mortgage, gold	.....	.....	.....	3,389,000	7 g.	A. & O.	do do	1903
Consol. bonds, gold	.....	.....	.....	78,000	7	J. & J.	do do	1882
Construction notes	.....	.....	.....	480,000	8	J. & J.	do do	Jan. 1, 1883-'88
Land income bonds, 5 to 10 years	.....	1878	500 &c.	413,000	7	M. & N.	do do	Nov. 1, 1879
Pottawatt'mie b'ds on 73,158 ac. land (contingent)	27½	1872	1,000	412,000	7 g.	J. & J.	do do	July 1, 1902
Wichita & Southwest. (leased) 1st M., gold, guar.	65	1875	1,000	854,000	7 g.	J. & J.	do do	July 1, 1905
Kans. City Top. & West., (leased,) 1st M., gold	.....	1878	.....	200,000	.....	.....	do do	.....
do do income bonds	148	.....	1,000	1,719,000	7 g.	J. & J.	do do	1905
Pueblo & Ark. Valley, (leased,) 1st M., gold	.....	1878	.....	1,067,000	.....	.....	do do	.....
do do 1st mortgage	44	1877	500	120,000	7 g.	A. & O.	do do	1907
Pleasant Hill & De Soto (leased), 1st M., gold	31	1877	1,000	310,000	7 g.	A. & O.	do do	July 1, 1907
Florence Eldorado & W. (leased), 1st mort., gold	.....	1878	1,000	(?)	7 g.	.....	do do	1908
New Mexico & So. Pacific, 1st mortgage, gold	265½	1877	1,000	500,000	7	A. & O.	New York, Office.	April 1, 1897
Atlanta & Charlotte.—New pref. mort.	265½	.....	1,000	4,250,000	7	J. & J.	do do	Jan. 1, 1907
Mortgage bonds	87	.....	100	1,232,200	4	A. & O.	Atlanta, Ga., at Treas'y.	Feb. 1, 1879
Atlanta & West Point—Stock	460	1871	500 &c.	15,165,200	7 g.	J. & J.	New York and London.	Oct. 1, 1876
1st general mortgage (\$18,000,000)	460	1871	500 &c.	11,989,680	7 g.	M. & S.	do do	Jan., 1902
2d do do (\$12,000,000)	460	1871	500 &c.	28,783,000	7 g.	M. & N.	do do	Sept., 1902
3d do do (\$29,000,000)	.....	1872	1,000	5,355,000	7 g.	M. & N.	do do	Nov., 1902
Leased lines rental gold bonds (Cl. & M.)	.....	1873	1,000	3,568,000	7 g.	J. & J.	do do	Jan., 1902
do do (P. P., P. V. and S. & A.)	.....	1873	500	2,060,000	8	J. & J.	London, Co.'s Office.	Jan., 1903
Western Extension certificates (Cl., Col., Cin. & I.)	.....	.....	.....	1,748,500	7	.....	do do	July 1, 1876
do do do bonds	350	.....	100	3,693,200	3½	.....	Savannah.	.....
Atlantic & Gulf—Common stock	286	1867	500 &c.	1,666,000	7	J. & J.	.....	July, 1897
Guaranteed stock	58	1868	.....	300,000	7	M. & N.	N. Y., Perkins, L. & Post	1879
Consolidated 1st mortgage	58	1869	.....	464,000	7	M. & N.	do do	Nov. 1, 1888
Sav. Albany & Gulf RR. mortgage bonds	428	.....	.....	200,000	7	M. & N.	do do	May 1, 1889
Southern Georgia & Florida, 1st mortgage	428	1871	.....	6,921,900	7 g.	A. & O.	N. Y., First Nat. Bank.	Oct. 1, 1901
do do 2d mortgage	428	1871	.....	5,470,000	.....	.....	.....	.....
1st mort. consolidated, gold (for \$15,000,000)	81	1857	500 &c.	4,000,000	8	J. & J.	N. Y., Perkins, L. & P.	Jan. 1, 1887
2d mort. to the State (no interest till 1880)	81	1857	500 &c.	306,000	7	J. & J.	do do	Jan. 1, 1887
Norfolk & Petersburg—1st mortgage, extended	81	1868	1,000	157,000	8	J. & J.	do do	Jan. 1, 1893
do do 1st do do	133	1866	1,000	458,000	8	J. & J.	do do	July 1, 1893
do do 2d do do	133	1866	200 &c.	684,000	6	J. & J.	do do	Jan. 1, '84-'90
South Side—1st pref. consol. mort	133	1866	200 &c.	621,000	6	J. & J.	do do	Jan. 1, '84-'90
do do 2d do guar. Petersb'rg	133	1866	200 &c.	452,500	6	J. & J.	do do	Jan. 1, '86-'90
do do 3d do do	214	1854	1,000	990,000	8	J. & J.	do do	July 1, 1884
Virginia & Tennessee—Enlarged mortgage	214	1865	1,000	969,000	8	J. & J.	do do	Mch. 1, 1900
do do 4th mortgage	.....	Var'us	Various	84,190	8	J. & J.	Lynchburg Office.	Jan. 1, 1875
do do Registered certificates	.....	1869	100 &c.	226,900	8	J. & J.	N. Y., Perkins, L. & P.	July 1, 1880
do do Interest funding bonds	150	.....	100	28,600	3	F. & A.	Portland.	Feb., 1879
Atlantic & St. Lawrence—Stock, currency	150	.....	£100	5,454,680	3 g.	M. & S.	London, Gr. Trunk Rv.	Mar. 15, 1879
Stock, sterling	150	1868	1,000	787,000	6	M. & N.	Portland.	May 2, 1886
Portland city bonds, 1st mort., sinking fund	150	1864	£100	1,500,000	6 g.	A. & O.	London, Gr. Trunk Rv.	Oct. 1, 1884
2d mortgage, sterling, 5-20 years	150	1871	£100	713,000	6 g.	M. & N.	do do	Oct. 1, 1891
3d do do do	53	.....	100	1,022,900	3½	J. & D.	Savannah.	June, 1879
Augusta & Savannah—Stock	51	1861	100 &c.	336,900	6	J. & J.	Phila., Farm. & M. Bank	July 1, 1881
Bald Eagle Valley—1st mort., s. f. (\$5,000 per year)	51	1864	1,000	100,000	7	J. & J.	do do	July 1, 1884
2d mortgage (\$5,000 per year)	595	.....	100	14,785,100	4 s.	M. & N.	Baltimore Office.	May 15, 1879
Baltimore & Ohio—Stock	30	.....	100	4,599,578	3	J. & J.	Balt., Merchants' Bank.	July 1, 1879
Preferred stock	.....	1850	.....	1,650,000	5	A. & O.	Baltimore Office.	April 16, 1879
Washington branch	.....	1853	.....	579,500	6	J. & J.	Balt., Merchants' Bank.	1880
Loan, 1850	.....	1870	.....	1,710,000	6	A. & O.	Baltimore Office.	1885
do 1853	.....	1855	.....	3,017,697	6	M. & S.	London.	1895
do 1870, sterling, £800,000, sink. fund	.....	1874-5	£200	2,938,091	6 g.	J. & J.	Baltimore Office.	1890
Baltimore loan, 1855-'90, sink. fund	411	1872	£100	2,420,000	6 g.	J. & J.	London, Naylor & Co.	Jan. 1, '80 & 81
Debentures, sterling	421	1874	£200	8,683,686	6 g.	M. & S.	London.	Mch. 1, 1902
Sterling mortgage, sinking fund	.....	1875	.....	9,232,341	6 g.	M. & N.	London, Speyer Bros.	1910
Sterling mortgage, sinking fund	263	1877	£200	880,000	6	J. & J.	Baltimore.	1879-1900
Purchase of Connellsv. RR (payable \$40,000 y'ly)	.....	.....	.....	7,703,034	5	J. & D.	Lon., J. S. Morgan & Co.	June 1, 1927

Alabama Central.—In default since January, 1872. Negotiations pending for a new adjustment, and a connection with Meridian completed Nov., 1878. (V. 27, p. 40, 56.)

Alabama & Great Southern.—Alabama & Chattanooga reorganized. About \$450,000 of the receiver's certificates are disputed. (V. 25, p. 40, 183; V. 26, p. 17, 39, 84, 264; V. 27, p. 67, 85, 121.)

Albany & Susquehanna.—This road is leased for 150 years from 1870 to Delaware & Hudson Canal Co., at 7 per cent per annum, on stock and bonds. Consol. mort. is for \$10,000,000, of which \$3,450,000 is to retire old bonds, and balance for a part of old stock and to lessee for improvements. Net earnings in 1878, \$451,580. (V. 25, p. 615; V. 27, p. 602.)

Alleghany Valley.—This road was embarrassed in 1874, and compromised with creditors. Gross earnings 1878, \$1,910,228; net \$915,726, against \$1,144,971 in 1877. Deficiency for mortgage interest in 1878, \$240,230; deficiency on all interest \$598,396. Of income bonds, \$2,548,400 are held by individuals, and pay interest in cash when earned; \$3,909,000 held by railroads draw interest in bonds. (V. 26, p. 493; V. 27, p. 256; V. 28, p. 399.)

Atchison & Nebraska.—Under re-organization, \$1,125,000 bonds and \$3,370,000 st. ex were given for old bonds and overdue coupons. Dividend of 1 per cent paid December, 1878. Gross receipts 1878, \$452,057; net receipts, \$98,405. (V. 25, p. 510; V. 28, p. 399.)

Atchison, Topoka & Santa Fe.—Capital stock, \$10,615,000; \$2,000,000 was stock issued for equipment, &c., June, 1879. Land grant estimated to be 2,932,781 acres, of which 865,161 acres were sold to Jan. 1, 1879. Net earnings, 78, \$1,909,395, against 1877, \$1,229,656; see annual report, V. 28, p. 475. The extension of leased lines and new roads building in 1878 are referred to in V. 27, p. 15. The K. C. T. & W. is leased at 30 per cent of gross earnings, rising to 34 per cent in 1880 and thereafter. Denver & Rio Grande leased (see V. 27, p. 431). (V. 27, p.

15, 40, 227, 230, 303, 382, 407, 434, 513; V. 29, p. 120, 222, 301, 379, 400, 427, 475, 502, 553, 623, 641; V. 29, p. 40, 66.)

Atlanta & Charlotte.—This is the Atlanta & Richmond Air-Line sold in foreclosure December, 1876, and re-organized. Gross earnings 1873, \$623,278; net, \$203,033. (V. 23, p. 277, 427.)

Atlanta & West Point.—Gross earnings, in 1877-8 \$321,110, in 1878-7, \$311,153; net earnings in 1877-8, \$145,435, in 1876-7, \$106,949. There are \$83,000 bonds outstanding. (V. 25, p. 137; V. 27, p. 121.)

Atlantic & Great Western.—The common stock outstanding is \$21,795,235, and preferred \$3,576,251. This road was leased to the Erie for 99 years from May 1, 1874, but the lease was contested. Shortly after (in July, 1874) default was made on its bonds. Foreclosure is pending and proceedings looking to re-organization are in progress, and a new lease to Erie is proposed. Gross earnings in 1878, \$3,745,206; net deficit under rentals, &c., \$19,900. (V. 26, p. 66, 95, 214, 444; V. 27, p. 51; V. 28, p. 222, 276, 399, 452, 476, 525, 553, 577; V. 29, p. 40.)

Atlantic & Gulf.—The Company also has \$334,000 of old sectional mort. b'ds outstanding; \$500,000 10 per cent coupon notes; \$45,000 Junction Branch RR. bonds, and \$51,500 Bainbridge Extension bonds. Order to be sold in foreclosure November, 1879. In New York, July, 1877, \$1,000,000 2d mortgage bonds, held as collateral, were sold at auction at 5% @ 6%. (V. 25, p. 57, 407; V. 27, p. 538; V. 29, p. 40.)

Atlantic, Mississippi & Ohio.—Gross earnings year ending June 30, 1878, \$1,781,710; expenses, \$1,351,575; net earnings, \$430,135. The divisional bonds matured and maturing up to July, 1880, have been extended for ten years by order of the Court, and new sheets of coupons are issued to the holders. Interest on the divisional bonds is paid two or three months after it falls due. A final decree of sale under the consolidated

mortgage was made in May, 1879. A scheme of re-organization approved by the consolidated mortgage bondholders (mostly in London) will probably be carried out. (V. 27, p. 40, 67, 251, 279, 434, 461; V. 28, p. 97, 199, 222, 476, 624.)

Atlantic & St. Lawrence.—Leased for 999 years, from July, 1853, to Grand Trunk Railway of Canada. Annual rent, 6 per cent on bonds and stock. (V. 27, p. 147.)

Augusta & Savannah.—Leased to Central of Georgia for \$73,000 per annum; has surplus fund of about \$50,000.

Bald Eagle Valley.—Leased to Pennsylvania Railroad at 40 per cent of gross receipts. In 1877 gross earnings were \$136,962. The Pennsylvania Railroad holds all the 2d mortgage bonds. Holders of 1st mortgage are asked to exchange them for new 30 year bonds. (V. 27, p. 436.)

Baltimore & Ohio.—The amount of stock as above includes the last stock dividend. Annual report for 1877-8 in V. 27, p. 535. The floating debt Sept. 30, 1878, was \$2,563,392 of "bills payable," and \$2,554,939 of "loans and sterling obligations," and to April, 1879, \$761,640 of earnings was applied to this. The gross earnings of the "Main Stem," &c., for five years were as follows:

	Gross Earnings.	Net Earnings.	Stock and Debt.
1877-8	\$8,563,955	\$4,039,611	\$5,524,662
1876-7	8,262,045	3,656,892	.....
1875-6	9,632,361	4,215,554	47,311,000
1874-5	10,514,178	4,332,206	47,173,000
1873-4	11,693,955	5,018,060	45,876,000

The gross earnings of the main and all leased lines in 1877-78 were \$13,765,279, and net earnings, \$5,995,978, including earnings of Pittsburgh Division. Div. of 25 per cent on Wash. Branch stock in June, 1878. (V. 26, p. 229, 367, 593; V. 27, p. 67, 535, 651; V. 28, p. 223, 276, 378.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Road.	Date of Bonds.	Size or par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due.	Stocks—Last Dividend.
					Rate per Cent.	When Pay'ble	Where Payable and by Whom.		
For explanation of column headings, &c., see notes on first page of tables.									
<i>Baltimore & Ohio—(Continued.)</i>									
Northwestern Virginia, 3d mortgage, 1855-85	....	1855	\$....	\$140,000	6	J. & J.	Balt., Mech's Nat. Bank	1885	
Bonds to State of Maryland	....	1878	....	366,370	6	J. & J.	Baltimore.	July 1, 1879	
<i>Baltimore & Potomac—1st M (tunnel) gold, s. f. 1 p. c.</i>									
1st mort., gold, tax free, coup., s. f. 1 per cent.	98	1871	1,000	1,500,000	6 g.	J. & J.	Baltimore or London.	July 1, 1911	
2d mortgage, income, main line and tunnel, reg.	98	1875	1,000	3,000,000	6 g.	A. & O.	do do	April 1, 1911	
<i>Belleville & South. Ill.—1st M., sink'g fund, guar.</i>									
1st mort., due 1877, extended, guar.	56	1866	1,000	1,133,000	8	J. & J.	Baltimore.	Jan. 1, 1915	
2d mortgage bonds of 1854 (guar. by C. & A.)	64	1877	1,000	1,000,000	6	A. & O.	N. Y., Russell Sage.	Oct. 1, 1896	
3d mortgage bonds of 1857 (do do)	67	1854	500	499,500	6	J. & D.	Philadelphia.	1902	
Consol. mortgage of 1876	84	1857	500	745,000	6	M. & S.	do	1885	
<i>Berkshire—Stock</i>									
21	....	1876	1,000	1,200,000	7	F. & A.	do	1887	
<i>Boston & Albany—Stock</i>									
Dollar loan	321	....	100	600,000	1 3/4	J. & J.	Treasurer, Trenton, N.J.	Jan. 1, 1916	
Loan of 1875, coupon or registered	....	1875	1,000	2,000,000	6	Q.—J.	Boston, Kidder, P. & Co	July 1, 1879	
<i>Boston, Barre & Gardner—1st mortgage</i>									
38 1/2	....	1871-2	1,000	5,000,000	7	M. & N.	Boston Office.	May 15, 1879	
<i>Bost., Clin. & Fitchb. & N.B.—Stock (\$1,750,000 pref.)</i>									
1st mortgage, Agricultural Branch	151	....	100 &c.	400,000	6	F. & A.	do	Feb. 1, 1892	
Mortgage bonds 1869-70	29	1854	1,000	400,000	7	A. & O.	Worcester, City Nat. Bk.	April 1, 1893	
Bonds	43	'69-'70	1,000	799,600	6	M. & N.	Boston Office.	July 1, 1884	
Equipment notes	....	1876	1,000	528,000	7	J. & J.	do do	1889 & '90	
N. Bedford Railroad bonds (\$400,000 are 7s)	....	'61-'74	500 &c.	870,000	6	J. & D.	do do	June 1, 1896	
<i>Boston, Concord & Montreal—Preferred stock</i>									
166	....	1875	1,000	571,500	6 & 7	A. & O.	Boston, Suffolk N. Bank	'81, '82, '83, '85	
Com. stock (for old dividends & new stock)	....	1875	100	800,000	3	J. & J.	Boston Office.	July, 1881 & 94	
Sinking fund bonds	....	1858	100 &c.	1,000,000	6	M. & N.	do	May 5, 1879	
Consolidated mortgage bonds (for \$2,000,000)	160	1873	100 &c.	202,000	6	J. & J.	Boston Office.	1889	
<i>Boston & Lowell—Stock</i>									
82	....	1873	500	1,721,000	6 & 7	A. & O.	do do	1893	
Mystic wharf purchase bonds	....	1872	....	3,250,000	1	J. & J.	Boston, at Office.	July 1, 1879	
Bonds	....	1875	....	200,000	6	A. & O.	do do	Oct. 1, 1879	
New bonds	....	1875	....	999,500	7	A. & O.	do do	April 1, 1892	
<i>Boston & Maine—Stock</i>									
204	....	1876	....	500,000	7	M. & S.	do do	March 1, 1895	
Bonds, coupon and registered	....	1876	....	750,000	6	J. & J.	do do	July 1, 1896	
<i>Boston & New York Air-Line—1st mortgage</i>									
52	....	1873-4	500 &c.	6,921,274	3	M. & N.	Boston, at Office.	May 15, 1879	
<i>Boston & Providence—Stock</i>									
66	....	1875	1,000	3,500,000	7	J. & J.	do do	Jan., 1893 & 94	
Bonds to purchase branches, coupon or registered	....	1875	100	500,000	7	F. & A.	New York.	Aug. 1, 1895	
Ten year notes for \$300,000	....	1873	....	4,000,000	3	M. & N.	Boston, at Office.	May 1, 1879	
<i>Buff., Brad. & Pitts.—Gen. M., (incl. 10,000 ac. l'd)</i>									
26	....	1873	....	500,000	7	J. & J.	do do	July 1, 1893	
<i>Buffalo, New York & Erie—Stock</i>									
142	....	1876	1,000	580,000	7	J. & J.	New York, Erie Office.	Jan. 1, 1896	
New mortgage	140	1876	1,000	950,000	3 1/2	J. & D.	N. Y., Erie Railway.	June 1, 1879	
<i>Buffalo, N. Y. & Philadelphia—1st mort., gold</i>									
121	....	1871	500 &c.	2,380,000	7	J. & D.	do do	June 1, 1916	
2d mortgage (for \$1,000,000)	121	1878	....	2,582,000	6 g.	J. & J.	N. Y., Farm. L. & T. Co.	July 1, 1896	
<i>Burlington, C. Rapids & Northern—1st mortgage</i>									
367	....	1876	100 &c.	6,500,000	5	J. & J.	do do	Sept. 1, 1906	
<i>Burl. & Mo. Riv.—1st M. on r'd & 400,000 ac's l'd</i>									
281	....	1863	50 &c.	4,638,250	7	A. & O.	New York.	Oct. 1, 1893	
1st mort. on br'ch, C. B. & Q. stk. (5th ser.) } or	40	1869	500 &c.	279,000	8	J. & J.	Boston and New York.	July 1, 1894	
Convertible bonds, C. B. & Q. stk (6th ser.) } reg.	....	1870	500 &c.	370,500	8	J. & J.	do do	July 1, 1889	
<i>Burlington & Missouri in Nebraska—Stock</i>									
....	....	....	100	8,583,750	2	....	Boston, Office.	Aug. 1, 1879	
Bonds, convertible till Jan., 1882	....	1873	500 &c.	600,000	8	J. & J.	do	Jan. 1, 1883	
Consol. mort. for \$14,000,000, s. f. \$30,000	191	1878	600 &c.	7,605,000	6	J. & J.	do	July 1, 1918	
Omaha & S. W., 1st mortgage, guar.	49	1872	1,000	1,034,000	8	J. & D.	do	June 1, 1896	
Republican Valley Railroad, stock, guar.	....	....	....	....	2	....	do	Aug. 1, 1879	
<i>Burl. & Southwest—1st mort., cp., may be reg.</i>									
181	....	1870	1,000	1,800,000	8	M. & N.	Boston, Co's Office.	May 1, 1895	
<i>Cairo & St. Louis—1st mortgage</i>									
144	....	1871	1,000	2,500,000	7	A. & O.	do	Oct. 2, 1901	
<i>Cairo & Vincennes—1st mortgage, gold</i>									
156	....	1871	1,000	3,500,000	7 g.	A. & O.	New York and London.	Oct., 1909	
<i>California Pacific—1st mortgage, gold</i>									
139	....	1869	1,000	2,250,000	7 g.	J. & J.	N. Y., Nat'l Park Bank.	Jan. 1, 1889	
2d mortgage, endorsed by Central Pacific	139	1871	1,000	1,600,000	6 g.	J. & J.	do do	1891	
3d mort., guar. by C. P. (\$1,000,000 are 3 p. c.)	139	1875	500	3,000,000	3 & 6	J. & J.	New York.	July, 1905	
<i>Camden & Atlantic—Stock (\$838,150 of it pref.)</i>									
67	....	1853	50	1,215,550	2	Q.—J.	Camden, Co's Office.	Jan. 15, 1877	
1st mortgage (extended 20 years in 1873)	60	1853	1,000	490,000	7 g.	J. & J.	Phila., Farm. & M. B'k.	Jan., 1893	
2d mortgage	60	1855	1,000	497,000	7	A. & O.	do do	Oct., 1879	
<i>Camden & Burlington Co.—1st mortgage</i>									
31	....	1867	500 &c.	350,000	6	F. & A.	Phila. and Mt. Holly.	1897	
<i>Canada Southern—Stock</i>									
100	....	1878	1,000	15,000,000	....	....	....	....
New mort., interest guar., (for \$14,000,000)	291	1873	1,000	10,862,686	3	J. & J.	N. Y., Union Trust Co.	Jan. 1, 1908	
<i>Carolina Central—1st mortgage, gold, coupon</i>									
242	....	1873	1,000	3,000,000	6 g.	J. & J.	N. Y. Office, 4 Broad st.	July 1, 1923	
Income bonds, coupon	242	1874	1,000	3,000,000	7	A. & O.	do do	April 1, 1914	
<i>Catawissa—Common stock</i>									
92	....	....	50	1,159,500	....	....	....	....
New preferred stock	....	....	....	1,000,000	3 1/2	M. & N.	Philadelphia.	May 15, 1879	
Old preferred stock	....	....	50	2,200,000	3 1/2	M. & N.	do	May 15, 1879	
1st mortgage bonds	65	....	1,000	230,500	7	F. & A.	do	Feb. 1, 1882	
Chattel mortgage bonds	....	....	1,000	209,850	....	F. & A.	Philadelphia.	1888 to '89	
New mortgage	100	1872	1,000	1,300,000	7	F. & A.	do	Feb. 1, 1900	
<i>Cayuga & Susquehanna—Stock</i>									
35	....	....	100	589,110	4 1/2	J. & J.	New York, 44 South st.	July 1, 1879	
<i>Cedar Falls & Minn.—Bonds on 1st div., sink. fund</i>									
14	....	1864	500 &c.	198,000	7	A. & O.	N. Y., J. S. Kennedy & Co	April 30, 1884	
Bonds on 2d division, sinking fund	61	1866	500 &c.	1,334,000	7	J. & J.	do do	Jan. 2, 1907	
<i>Cedar Rapids & Missouri—Common stock</i>									
274	....	....	100	6,850,400	1	Q.—F.	Boston, Treasurer.	May 1, 1879	
Preferred stock, 7 per cent	....	....	100	769,600	3 1/2	F. & A.	do do	Feb. 1, 1879	
1st mortgage	70	1861	500 &c.	700,000	7	F. & A.	N. Y., Nat'l Park Bank.	Aug. 1, 1891	
do	58	1863	500 &c.	582,000	7	F. & A.	do do	Aug. 1, 1894	
do	146	1866	500 &c.	2,332,000	7	M. & N.	do do	May, 1916	

Baltimore & Potomac.—This is the line of the Penn. Railroad from Baltimore to Washington. The bonds are guaranteed by Penn. RR. and Northern Cent. Net earnings, 1878, \$92,890. (V. 26, p. 598; V. 28, p. 598.)

Belleville & Southern Illinois.—Leased and operated by St. L. Alt. & T. H. Co. on a percentage of gross earnings. (V. 24, p. 297; V. 26, p. 417.)

Belvidere Delaware.—Stock is \$995,150. Leased to United Co.'s of N. J., and lease assigned to Penn. RR. Net earnings go to lessor. In 1877 net earnings of B. D. were \$123,566. Floating debt, \$171,702.

Berkshire.—Leased to Housatonic, at 7 per cent per year on stock, but 1 1/2 per cent is usually applied for taxes, &c.

Boston & Albany.—As this is the principal Western trunk line from New England, its yearly reports show the course of business on that class of railroads. In past five years the following has been its exhibit:

	Gross Earnings.	Net Earnings.	Total Stock and Debt.
1877-8	\$6,633,533	\$2,219,526	\$....
1876-7	6,779,610	2,166,844	23,870,509
1875-6	7,074,758	2,391,764	27,129,282
1874-5	7,634,139	2,262,147	26,478,282
1873-4	8,963,128	2,414,916	25,422,100

(V. 25, p. 430; V. 26, p. 166; V. 27, p. 460.)

Boston Barre & Gardner.—Income in 1876-77 showed a deficit of \$44,420 under interest charge. Company embarrassed and interest reduced to 5 per cent. (V. 23, p. 40.)

Bost. Clinton Fitchb. & N. Bedf'd.—This was a consolidation in May, 1876, of the B. C. & F. and the N. Bedf. roads. In Dec., 1873, leased to Old Colony. The net earnings in 1877-78 were \$286,631, against \$212,241 in 1876-77. (V. 27, p. 537; V. 23, p. 40, 120.)

Boston, Concord & Montreal.—Gross earnings for the year ending with March, 1879, were \$590,550; net earnings, \$201,618. There are also \$76,000 old bonds due in 1865, and \$350,000 due in 1875. (V. 21, p. 516; V. 26, p. 546; V. 28, p. 577.)

Boston & Lowell.—Net income, 1877-78, \$269,061. There are \$407,000 notes outstanding. (V. 25, p. 16; V. 26, p. 39; V. 27, p. 121, 303, 537; V. 28, p. 624.)

Boston & Maine.—Net income, 1877-8, \$737,891, against \$660,964 in 1876-7. (V. 25, p. 531; V. 27, p. 537, 565.)

Boston & N. Y. Air Line.—Formerly N. Haven Middletown & Wil. Has

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Table with columns: DESCRIPTION, Miles of Road, Date of Bonds, Size, or par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate per Cent., When Payable, Where payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Central Railroad & Bank, Ga.—Leases several roads, and guarantees bonds. In April, 1875 purchased one-half interest in Western Railroad of Alabama at foreclosure sale.

Central Iowa.—Sold in foreclosure, July 18, 1877, under first mortgage. Appeal carried to U. S. Supreme Court. Re-organization made in 1879.

Central of New Jersey.—A full abstract of the re-organization scheme was published in the CHRONICLE, V. 26, p. 215. Gross earnings 1878, \$5,589,525; net, \$2,342,769.

Table with columns: Receipts, Expenses, Net earnings. Rows for years 1874, 1875, 1876, 1877, 1878.

Central Ohio.—Leased to Baltimore & Ohio RR. in 1866 for 21 years; rent 35 per cent of gross receipts for five years, and 40 after. Pays 6 per cent dividends.

Central Pacific.—The Southern Pacific is leased

The annual returns for 1878, in brief, were given in the CHRONICLE, V. 28, p. 623. Gross earnings, 1878, \$17,530,853; expenses, \$8,786,115; net earnings, \$8,744,739; rental of leased lines, \$2,435,058; interest, \$3,954,779.

Charlotte, Columbia & Augusta.—Stock is \$2,578,000, and \$189,500 of old Col. & Aug. bonds are yet out, due 1890. Gross earnings 1877-78, \$411,557; net, \$168,578.

Chartiers.—Leased to Pitts. Cin. & St. Louis, and operated by Penn. Co. Net earnings go to lessor—in 1878, \$42,583. (V. 23, p. 377.)

Cherry Valley, Shar. & Al.—Transferred to Delaware & Hudson Canal Co., April, 1875. Interest unpaid in December, 1875. (V. 29, p. 404.)

Cheshire.—Net income, 1877-78, \$78,019. New 6 per cent bonds for \$536,000 authorized, to redeem bonds of 1830. (V. 23, p. 548; V. 26, p. 495; V. 27, p. 537.)

Chester Valley.—In hands of trustees and leased

to Philadelphia & Reading. Coupons due 1860, paid May, 1876.

Chicago & Alton.—The report for 1878 is given at length in V. 24, p. 274, 298, and shows gross earnings of \$4,671,519, and net earnings of \$2,156,284, against \$2,107,337 in 1877, and \$2,269,467 in 1876.

Chicago Burlington & Quincy.—Purchased in October, 1876. St. Louis Rock Island & Chicago road, for \$1,570,000 in gold. Gross earnings for 1878 were, \$14,119,665; expenses, \$7,871,915; net earnings, \$6,247,750.

Chicago & Canada Southern.—Connection of Canada Southern. Interest in default. (V. 25, p. 261.)

Chicago, Cincinnati & Louisville.—No information furnished.

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DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.	
<i>Chicago Clinton Dubuque & Minn.</i> —Stock.....	223	.....	\$....	\$6,156,000	2	.....	Boston, Office.	April 15, 1879
1st mortgage.....	223	1879	.....	400,000	7	F. & A.	do	Feb. 1, 1884
<i>Chic. & East. Ill.</i> —1st M., coup. (s.f.\$20,000 after '85)	137	1877	1,000	3,000,000	6	J. & D.	New York, 4th Nat. Bk.	June, 1907
2d mortgage income.....	137	1877	100 &c.	750,000	7	Dec.	do	Dec., 1907
<i>Chicago & Iowa</i> —1st mort., coup., may be reg.....	80	1871	1,000	1,750,000	8	J. & J.	New York and Boston.	July 1, 1901
<i>Chicago, Iowa & Nebraska</i> —Stock.....	82	.....	100	3,916,200	5	J. & J.	Boston, by Treasurer.	July 1, 1879
2d mortgage (now 1st).....	82	1860	100 &c.	568,200	7	J. & J.	Boston, Merchants' B'k.	July 1, 1888
3d do (now 2d).....	82	1863	500 &c.	211,500	7	F. & A.	New York, Park Bank.	Aug. 15, 1892
<i>Chic. & L. Huron</i> —Peninsular, 1st M., gold, s. f.....	166	1869	.....	3,600,000	7 g.	M. & N.	New York.	May, 1889
Port Huron & L. Mich., 1st mortgage.....	66	1870	1,000	1,000,000	7 g.	M. & N.	do	May 1, 1900
<i>Chic. & Mich. L. Shore</i> —Stock, new.....	.....	.....	.....	6,500,000	.....	.....	.....	.....
1st mortgage, New Buff. to St. Jo.....	.....	1869	1,000	477,000	8	M. & S.	Bost., Treasurer's office.	Sept. 1889
<i>Chicago, Milwaukee & St. Paul</i> —Com. stock.....	1,729	.....	100	15,404,261	7 s.	J. & J.	New York, Office.	Jan., 1871
Preferred stock (7 p. c. y'ly, not cumulative).....	1,729	.....	100	12,279,483	3 1/2	A. & O.	do	April 15, 1879
Consolidated mortgage (for \$35,000,000).....	.....	1875	1,000	7,304,000	7	J. & J.	do	July 1, 1905
1st mortgage (Lacrosse Div.).....	370	1863	1,000	6,600,000	7	J. & J.	do	1893
2d mortgage.....	370	1864	1,000	600,000	7	A. & O.	do	1884
1st mortgage (Iowa & Minnesota).....	220	1867	1,000	3,810,000	7	J. & J.	do	1897
1st mortgage (Minnesota Central).....	49	1864	1,000	190,000	7	J. & J.	do	1894
1st mortgage (Iowa & Dakota).....	.....	1869	1,000	591,000	7	J. & J.	do	1899
1st mort., Ia. & Dak. Exten. (\$15,000 p. m.).....	100	1878	1,000	1,000,000	7	J. & J.	do	July 1, 1908
1st mortgage (Prairie du Chien).....	235	1868	1,000	3,674,000	8	F. & A.	New York, Office.	1898
2d mortgage (Prairie du Chien).....	235	1868	1,000	1,315,000	7-3	F. & A.	do	1898
Milwaukee & Western.....	.....	1861	1,000	234,000	7	J. & J.	do	1891
St. P. & Chic. 1st M. (Riv. Div.) \$ & £ (conv.).....	130	1872	.....	4,000,000	7 g.	J. & J.	London and New York.	Jan., 1902
1st mortgage, Hastings & Dakota.....	75	1872	1,000	172,000	7	J. & J.	New York, Office.	1902
1st mortgage, Chicago & Mil. line.....	85	1873	1,000	2,500,000	7	J. & J.	do	1903
Western Union, 1st mortgage.....	197	1866	1,000	3,500,000	7	F. & A.	N. Y., Mil. & St. Paul RR.	Feb., 1896
<i>Chicago & Northwestern</i> —Common stock.....	1,616	.....	100	14,988,807	2	J. & D.	New York, Co.'s Office.	June 28, 1879
Preferred stock (7 p. c. y'ly, not cumulative).....	1,616	.....	100	21,525,602	1 3/4	Q.—M.	do	June 28, 1879
Bonds, pref. (sink'g fund), 1st mort., Chic. to Osh.....	193	1859	100 &c.	1,214,100	7	F. & A.	do	Aug. 1, 1885
Interest bonds, funded coup., 2d m., Chic. to Osh.....	193	1862	100 &c.	708,600	7	M. & N.	do	Nov. 1, 1883
1st mort., general, 3d mort., Chic. to Oshkosh.....	193	1859	100 &c.	3,477,800	7	F. & A.	do	Aug. 1, 1885
Appleton exten., 1st mort. on 23 miles and land.....	23	.....	500 &c.	116,000	7	F. & A.	do	Aug. 1, 1885
Green Bay exten., 1st mort. on 26 miles and land.....	26	1862	500 &c.	235,000	7	F. & A.	do	Aug. 1, 1883
1st mort., Galena & Chicago Un. RR. extended.....	248	1853	1,000	1,660,000	7	F. & A.	do	Feb. 1, 1882
Mississippi River Bridge b'ids, lien on net earnings.....	.....	.....	1,000	158,000	7	J. & J.	do	Jan. 1, 1884
1st mort. (Peninsular RR.) on roads and lands.....	74	1863	1,000	272,000	7	M. & S.	do	Sept. 1, 1898
1st mortgage (Beloit & Madison Railroad).....	46	1863	1,000	249,000	7	J. & J.	do	Jan., 1888
Consol. sink'g f'd M., (all above convert. into this).....	779	1865	1,000	4,807,500	7	Q.—F.	do	Feb. 1, 1915
Madison extension, 1st mort., sinking fund, gold.....	126	1871	500 &c.	3,150,000	7 g.	A. & O.	do	April 1, 1911
Chicago & Milwaukee, 1st mortgage, 2d lien.....	85	.....	1,000	1,700,000	7	J. & J.	do	July 1, 1898
Menominee River, 1st mort., guar.....	25	1876	.....	400,000	7	J. & J.	do	July 1, 1906
Menominee extension, 1st mortgage, gold.....	120	1871	500 &c.	2,700,000	7 g.	J. & D.	do	June 1, 1911
Gen. cons mort., gold, coup. or reg. (\$18,000,000).....	1,058	1872	500 &c.	12,343,000	7 g.	J. & D.	do	Dec. 1, 1902
Winona & St. Peter, 1st mort., guar by Chic. & NW.....	137	1870-1	1,000	2,750,000	7	J. & J.	do	Jan. 1, 1887
do do 2d mort., do do.....	137	1871-1	1,000	1,650,000	7	M. & N.	do	Nov. 1, 1907
do do 1st M. exten. gld. land gr., s. f.....	175	1871	100 &c.	4,375,000	7 g.	J. & D.	do	Dec. 1, 1916
Iowa Midland, 1st mort., guar. by Chic. & N. W.....	75	1870	1,000	1,350,000	8	A. & O.	do	Oct. 1, 1900
Northwestern Union, 1st mortgage, gold.....	62	1872	500 &c.	3,500,000	7 g.	M. & S.	do	June 1, 1917
Minnesota Valley, 1st mortgage.....	.....	.....	.....	150,000	.....	.....	.....	.....
Rochester & No. Minnesota, 1st mortgage.....	.....	.....	.....	200,000	.....	.....	.....	.....
Plain View Railroad, 1st mortgage.....	.....	.....	.....	100,000	.....	.....	.....	.....
<i>Chicago & Paducah</i> —1st mortgage.....	156	1873	1,000	2,961,000	7	J. & J.	.....	July 1, 1903
<i>Chicago, Peilin & Southwestern</i> —1st mortgage.....	70	1871	1,000	700,000	8	F. & A.	N. Y., Farm. L. & T. Co.	Aug. 1, 1901
2d mortgage.....	64	1871	1,000	300,000	8	A. & O.	.....	1891
<i>Chicago, Rock Island & Pacific</i> —Stock.....	1,043	.....	100	20,980,000	2	Q.—F.	New York, Co.'s Office.	Aug. 1, 1879
1st mortgage (for \$12,500,000) coup. or reg.....	636	1877	1,000 &c.	9,965,000	6	J. & J.	do	July 1, 1917
Chic. & Southw., 1st M. g. (s'gd in cur. by C.R.I. & P.).....	271	1869	100 &c.	5,000,000	7	M. & N.	do	Nov., 1890
Iowa South. & Missouri North. RR. stock.....	.....	.....	.....	5,000,000	2	Q.—F.	do	Aug. 1, 1879
<i>Chic. St. Louis & N. O.</i> —1st M. (N. O. J. & G. N.).....	206	1856	1,000	2,941,000	8	J. & J.	New York, Co.'s Office.	July 1, 1886
2d mortgage, (N. O. J. & G. N.).....	224	1860	1,000	1,500,000	8	A. & O.	do	Oct. 1, 1890
Funded coupon bonds.....	.....	.....	.....	500,000	.....	F. & A.	do	Aug. 1, 1885
1st mortgage, (Miss. Central).....	185	1854	500 &c.	373,500	7	M. & N.	do	Nov., 1880 & '84
2d mortgage, do (\$500,000 disputed).....	185	1865	100 &c.	1,997,000	8	F. & A.	do	Nov. 1, 1886
Chic. St. Louis & N. O. 1st mort. (for \$13,000,000).....	567	1877	1,000	3,057,000	7	M. & N.	do	Nov. 1, 1897
do do 2d mort. (for \$8,000,000).....	567	1877	1,000	7,253,000	6	J. & D.	do	Dec. 1, 1907
<i>Chicago St. Paul & Minneapolis</i> —1st mort., g. coup.*.....	180	1878	500 &c.	2,800,000	6 g.	M. & N.	New York, at Office.	May 1, 1918
Land grant mort., income, coup. (2d on road).....	180	1878	500 &c.	2,018,000	6 g.	M. & N.	do	May, 1898
<i>Cincinnati, Hamilton & Dayton</i> —Stock.....	60	.....	100	3,500,000	4	A. & O.	N. Y., Winslow, L. & Co.	April, 1873
1st mortgage of 1853.....	60	1853	1,000	1,245,000	7	M. & N.	do	May 1, 1880
2d do 1865.....	60	1865	1,000	494,000	7	J. & J.	do	July 20, 1885
Consol. mort. (for \$3,000,000), sink. fund 1 p. c.....	60	1875	1,000	996,000	7	A. & O.	do	Oct., 1905
Cin. Ham. & I. (Junction) RR., 1st mort., guar.....	98	1873	1,000	1,846,000	7	J. & J.	do	Jan., 1903
<i>Cincinnati, Lafayette & Chicago</i> —1st mort., gold.....	56	1871	1,000	1,120,000	7 g.	M. & S.	N. Y., J.S. Kennedy & Co.	Mch. 1901
Consolidated mortgage.....	56	1874	1,000	471,000	7 g.	J. & J.	do	Nov. 1, 1914
<i>Cincinnati & Muskingum Valley</i> —1st mortgage.....	148	1870	1,000	1,500,000	7	J. & J.	New York, Moran Bros.	Jan., 1901
<i>Cin., Richmond & Chic.</i> —1st mort., guar. C. H. & D.....	36	1866	1,000	560,000	7	J. & J.	N. Y., Winslow, L. & Co.	July, 1895
2d mortgage, guar. and owned by C. H. & D.....	36	1869	1,000	65,000	7	J. & J.	do	Jan. 1, 1889

Chicago Clinton Dubuque & Minn.—This is the final reorganization of the Chic. Clin. & Dubuque and Chicago Dubuque & Minn. roads. Gross earnings 1878, \$485,000. In Jan., 1879, the \$400,000 bonds were offered to stockholders at par. (V. 27, p. 331; V. 23, p. 63, 301.)

Chicago & East. Illinois.—Chic. Danv. & Vinc. sold in foreclosure, and re-organized. On income bonds interest is to be paid as earned, not over 7 per year. (V. 26, p. 264, 315, 419; V. 27, p. 425, 486, 512; V. 28, p. 113, 327.)

Chicago & Iowa.—Sold Mar. 9, 1878, in foreclosure of 2d mortgage of \$1,150,000, and a re-sale ordered. Compromise effected and coupon of July, 1878, paid July 1st. (V. 23, p. 138, 307; V. 26, p. 166, 264; V. 27, p. 40, 251, 513.)

Chicago, Iowa & Nebraska.—Leased in perpetuity to Chic. & Northw., at 37 1/2 per ct. of gross receipts.

Chic. & Lake Huron.—This was a consolidation of the Peninsular Railroad and Port Huron & Lake Mich. Port Huron Division sold June 22, 1879; Peninsular Division to be sold July 25. (V. 26, p. 116; V. 27, p. 403, 487, 652; V. 28, p. 17, 120, 223, 302, 641.)

Chic. & Mich. Lake Shore.—Foreclosure sale made Nov. 16, 1878, and road purchased for bondholders. Stock i-sued for old bonds, except the above issue. (V. 26, p. 495, 599; V. 27, p. 227, 538.)

Chicago Milwaukee & St. Paul.—Net earnings in 1878, \$3,659,454; 1877, \$3,574,460; 1876, \$3,100,847; 1875, \$3,085,389. The earnings were reduced in 1874 and 1875 by the lower freight rates imposed by the Wisconsin railroad law. Annual report for 1878, V. 28, p. 394. The following is a comparison for three years of operations, and financial condition at the close of year:

	1878.	1877.	1876.
Miles owned..	1,512	1,412	1,399
Stock.....	\$27,683,744	\$27,683,744	\$27,673,744
Funded debt.	32,085,500	29,954,500	30,010,500
Earnings...	8,451,767	8,114,894	8,054,171
Op. expenses.	4,792,373	4,510,433	4,953,321
Net earnings.	3,659,454	3,574,460	3,100,847

Of consol. bonds of 1875 enough are reserved to take up old debt. Dividends have been paid since 1869—on pref. stock in 1879 3 1/2 csh, in 1878 10 1/2 csh, in 1877 3 1/2 csh, in 1876 14 per cent in bonds and 3 1/2 per cent in cash, in 1874 7 in bonds, 1873 7 cash, 1872 7, 1871 7, 1870 7 and 3 scrip; on common stock in 1871 7 scrip, 1870 3 cash and 7 scrip. Default was made on West. Union RR. bonds Feb. 1, 1879, and foreclosure suit begun; see V. 28, p. 143. (V. 27, p. 172, 251, 322, 382, 461; V. 28, p. 97, 120, 148, 301, 378, 398, 428, 453, 502, 533, 543, 560, 624.)

Chicago & Northwest.—For year ending May 31, 1879, gross earnings were \$14,582,516; expenses, rentals, interest, &c., \$12,312,633; balance net profits, \$2,269,883. The fiscal year ends with May. The net surplus for 1877-8 on the Chicago & Northwestern proper, after paying interest, was \$3,147,265, and on the whole system, including proprietary roads, \$2,464,487. The net deficit on proprietary roads was \$682,688. Lands of the company were 2,243,183 acres unsold. Operations of the C. & N. W. proper, for four years, compare as follows:

	Gross earnings.	Expenses and taxes.	Net earnings.
1877-78.....	\$13,583,847	\$6,756,126	\$6,827,720
1876-77.....	11,377,501	6,517,680	5,329,819
1875-76.....	12,773,711	7,408,857	5,264,853
1874-75.....	12,707,726	7,984,694	4,723,031

In February, 1879, the quarterly dividends on preferred stock were begun. Dividends from 1871 to 1878, inclusive, were as follows: December, 1878, 3 1/2 on preferred, 2 on common stock; June, 1878, 3 1/2 on pref., 3 on com.; Dec., 1877, 3 1/2 on pref.; Dec., 1876, 2 1/2 on pref.; July, 1873, 3 1/2 on pref.; Dec., 1872, 3 1/2 on both; June, 1872, 3 1/2 on pref.; Dec., 1871, 3 1/2 on pref.; June, 1871, 5 on both. (V. 25, p. 160, 441, 532; V. 26, p. 463, 574; V. 27, p. 140, 170, 372, 426, 603, 623.)

Chicago & Paducah.—Gross earnings 1876-7, \$271,370; net, \$58,294. (V. 23, p. 427; V. 28, p. 617.)

Chic. Pek. & Southw'n.—Receiver appointed June, 1877. (V. 25, p. 16, 618; V. 28, p. 41, 63, 199.)

Chicago Rock Island & Pacific.—In 1878-9 gross receipts were \$9,402,833; net receipts, \$4,329,900; net income over interest, &c., \$3,196,380. Owns stock of Ia. So. & Mo. North., and pays 2 per cent quarterly to Rock Island stockholders, making their quarterly dividend actually 2 1/2 per cent. Controls Pe

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Cincinnati, Richmond & Fort Wayne.—Leased to Grand Rapids for 99 years. Interest guaranteed by Gr. Rap., Cin. Ham. & Dayton, and by Pennsylvania Co. (V. 22, p. 532; V. 24, p. 563; V. 27, p. 172.)

Colorado Central.—Built mainly by Union Pacific, which holds the bonds, \$5,270,593 in all. (V. 26, p. 625; V. 24, p. 269.)

Connecticut Central. Net earnings, 1876-7, \$12,390. (V. 22, p. 209.)

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Table with columns: DESCRIPTION, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate per Cent, When Payable, Where Payable, and by Whom), and Bonus—Final—Pal. When Due. Stocks—Last Dividend.

Delaware.—Leased by Phila. Wilmington & Baltimore till 1897 for 6 per cent on stock and bonds, but if 30 per cent of gross earnings does not pay that, the balance is charged annually to Del. RR. In 1878, gross earnings were \$355,581, and deficiency charged was \$22,033; the total deficiency was \$259,155. (V. 26, p. 141; V. 28, p. 69.)

Delaware & Bound Brook.—Leased to Phila & Reading for 99 years, lessee paying int. and 6 per cent on stock in 1879-81, 7 per cent in 1881-83, and 8 per cent afterward. Gross earnings 1878, \$270,570; net, \$119,022. (V. 26, p. 342; V. 28, p. 451, 503.)

Delaware Lackawanna & Western.—Operations consist largely of coal mining and transportation. No annual report is made, except that required to the State authorities of Penn. For 1878 the income account is given thus: Net receipts, \$3,651,434; Interest on bonds, \$411,965; Rentals, 3,198,752—3,610,725

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Table with columns: DESCRIPTION, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate per Cent, When Payable, Where Payable, and by Whom), Bonds-Principal, When Due, Stocks-Last Dividend.

part were funded. (V. 26, p. 417, 548; V. 28, p. 69, 146, 223, 525, 599; V. 29, p. 17.) Florida Central.—From Jacksonville to Lake City. Bonds authorized, \$591,000. Gross earnings 1877-8, \$156,458. (V. 28, p. 599.) Flushing, North Shore & Central.—Now leased to L. I. RR. There are, in addition to above, \$125,000 N. Y. & Flushing RR. 7s; \$149,000 North Shore 7s; and \$93,000 Whitestone & Westchester 7s. Company embarrassed, since Sept., 1877. Central of L. I. 1st mort. to be foreclosed. (V. 25, p. 334, 432; V. 26, p. 469; V. 27, p. 677; V. 29, p. 17.) Fonda, Johnstown & Gloversville.—Net earnings 1874-7, \$45,066. Fort Wayne, Jackson & Saginaw.—Traffic guarantee 40 per cent from Mich. Cent. Interest is paid as earned. In 1878 gross earnings were \$423,167; in 1877, \$254,321. Net earnings 1877, \$109,669. (V. 26, p. 264; V. 27, p. 351; V. 28, p. 199, 300.) Fort Wayne, Muncie & Cincinnati.—Receiver appointed November, 1874. (V. 23, p. 396.) Framingham & Lowell.—Leased to Boston, Clinton & Fitchburg; has also \$250,000 8 per cent notes due in 1882-3. (V. 26, p. 166.) Frankfort & Kokomo.—Small road in Indiana. Capital stock, \$600,000. Galveston, Harrisburg & San Antonio.—Gross earnings 1877, \$1,052,568; expenses, \$360,204; net earnings, \$692,363. A sinking fund of 1 per cent begins in 1880. The company has 16 sections of land per mile. (V. 26, p. 366.) Galveston, Houston & Henderson.—Net earnings 1873, \$184,597. (V. 28, p. 146, 172.) Geneva, Ithaca & Sayre.—Sold Sept. 2, 1876, and re-organized, this mort. being the old I. & A. mort. (See V. 23, p. 256, 304, 451; V. 24, p. 110.) Georgia Railroad & Banking Company.—The annual report for the last fiscal year, ending April 1, 1879, was published in V. 28, p. 501. A comparative statement for three years was as follows:

In May, 1875, this company, with the Central Ga., purchased at foreclosure sale the Western RR. of Ala. For Montgomery & West Point 8 per cents this company offers sixes. (V. 25, p. 90; V. 26, p. 468; V. 28, p. 501.) Grand Rapids & Indiana.—Gross earnings 1878, \$1,200,629; net, \$215,478. Unguaranteed bonds are secured by the same mortgage as the guaranteed bonds on the land grant. Since Dec., 1875, 1st mortgage bonds redeemed by sinking fund are replaced by income bonds issued to Continental Improvement Co. The Penn. railroad virtually buys the coupons paid by it, and holds \$1,652,110 of them. (V. 26, p. 95, 192, 239, 443, 543, 625.) Grand Trunk (Canada).—The above figures represent pounds sterling. Net earnings in half year ending Dec. 31, 1878, £224,750. Interest, rentals, &c., £209,757. (V. 26, p. 265, 443; V. 27, p. 95, 148, 382, 408, 460; V. 28, p. 453, 474, 553; V. 29, p. 49.) Great Western (Canada).—The above figures are given in pounds sterling. For the half year ending Jan. 31, 1879, the gross receipts were £387,295; working expenses, £255,794; net earnings, £131,501. (V. 26, p. 265, 443, 574; V. 27, p. 94, 383, 513; V. 28, p. 474.) Greenville & Columbia.—This company defaulted but compromised with its bondholders. Net earnings 1877, \$180,614. (V. 26, p. 547; V. 27, p. 227; V. 28, p. 553.) Hannibal & St. Joseph.—Gross earnings in 1878, \$2,015,450; net, \$780,355; interest charge, \$660,000. The company has about \$2,500,000 in land notes, and about 40,000 acres yet unsold. The bonds secured on land notes have a sinking fund of \$25,000 per quarter. (V. 26, p. 242, 390, 625; V. 27, p. 279, 487, 603; V. 28, p. 199, 220, 611.) Harrisburg, Portsm'th, Mt. Joy & Lancaster.—Leased to Penn RR, which owns a majority of the stock. Housatonic.—Lease, Berkshire Railroad, Stockbridge & Pittsfield, and West Stockbridge. Gross earnings in 1877-8 were \$570,413; net, \$219,941. Houston East & West Texas.—In progress, Houston to Shreveport, 225 miles. Narrow gauge; bonds \$7.00 per mile.

Houston & Texas Central.—Gross earnings for year ending April 30, 1879, were \$3,031,631; net, \$1,326,906 against \$930,042 net in 1878. Company owns 5,240,000 acres land against first and consol. mortgages, and other lands and lots against income bonds. (V. 26, p. 40, 290, 334; V. 27, p. 41.) Huntington & Broad Top.—Capital stock is \$2,052,800. Gross earnings in 1878 were \$238,889; net \$132,693. Interest passed on 3d mortgage bonds. (V. 24, p. 369.) Illinois Central.—The general mortg. of 1874 provides for all bonds outstanding. It is limited to \$15,000,000. The Company controls the Chic. St. Louis & N. O. road, owning 62,792 shares of its stock, \$1,087,000 of first-mort. bonds, and \$4,953,000 of the 2d mort. income bonds. In July, 1877, took the Chicago & Spring. under lease, and issued the bonds secured on that road. In 1878, net income from all sources was \$3,147,387, leaving a surplus of \$665,532 over annual charges and dividends. Following is a comparison for four years:

Table with columns: Year, Gross Earnings, Net Earnings, Interest &c.

Table with columns: 1876-7, 1877-8, 1878-9, Tot. gr. earn'g's, Operat'g expenses, Net earnings

Year. Gross Earnings. Net Earnings. Interest &c. 1876.....\$7,111,184 \$3,015,229 \$651,182 1877..... 6,639,845 2,546,561 582,000 1878..... 7,040,969 2,144,776 616,792 1879..... 7,802,556 2,670,081 661,098 (V. 26, p. 164, 548, 574; V. 28, p. 95, 198, 199.) Indianapolis, Bloomington & Western.—Default was first made July, 1874, and foreclosure took place Oct. 30, 1878. Receiver's certificates issued to considerable amount. The Danville, Urbana, Bloomington & Pekin is part of this road. Net earnings of main line in 187-8, \$302,803. (V. 26, p. 67, 190, 420, 470, 548; V. 27, p. 41, 143, 172, 199, 223, 357, 383, 435, 431, 486, 677; V. 28, p. 18, 146, 221, 224, 276, 302, 352, 401, 526.) Indianapolis, Cincinnati & Lafayette.—The company defaulted July, 1876, and Mr. Ingalls, President, was appointed receiver. Gross earnings 1877-8, \$1,339,077; expenses, \$814,637; net earnings, \$444,383. (V. 25, p. 182, 380; V. 26, p. 205, 625; V. 27, p. 172, 303, 354, 383; V. 28, p. 201, 401, 426; V. 29, p. 13.)

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DESCRIPTION.	Miles of Road.	Date of Bonds.	Size or par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Pay'ble	Where Payable and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
<i>Indianapolis Cincinnati & Laf.—(Continued)—</i>								
Funded interest bonds, coupon.....	20	1873	\$150&c.	\$446,300	7	M. & S.	N. Y., Amer. Ex. Bank.	Sept. '78, '80, '83
Equipment bonds, registered.....	20	1873	500&c.	353,000	10	M. & S.	do do	Sept. 1, 1883
Cin. & Ind., 1st mortgage.....	20	1862	1,000	499,000	7	J. & D.	do do	Dec., 1892
do 2d M., guar. (\$1,000,000 due '77 ext. to '92)	20	1867	1,000	1,497,000	7	J. & J.	do do	Jan. '82, '87, '92
<i>Indianapolis Dec. & Spr.—1st M., gld (for \$1,800,000)</i>	152	1876	1,000	1,500,000	7 g.	A. & O.	New York, Co.'s Office.	Jan. 1, 1906
2d mort., (income bonds only till July, 1881).....	152	1876	1,000	2,667,000	7	J. & J.	do do	July 1, 1906
<i>Indianapolis & St. Louis—1st mort., in 3 series.....</i>	71	1869	1,000	2,000,000	7	Various	N. Y., Union Trust Co.	July 1, 1919
2d mortgage.....	71	1870	1,000	1,000,000	7	A. & O.	do do	Oct. 1, 1900
Equipment bonds.....	71	1871	1,000	500,000	8	J. & J.	do do	July 1, 1881
<i>Indianapolis & Vincennes—1st mortgage, guar.....</i>	117	1871	500 &c.	1,700,000	7	F. & A.	N. Y., Farm. L. & T. Co.	1908
2d mortgage, guaranteed.....	117	1871	1,000	1,450,000	6	M. & N.	do do	1900
<i>International & Great Northern—Consol. stock.....</i>	519	1871	1,000	5,500,000	7 g.	A. & O.	N. Y., National City B'k	April 1, 1911
International, 1st mortgage, gold.....	204	1871	1,000	3,264,000	7 g.	J. & J.	do do	Jan. 1, 1900
Houston & Great Northern, 1st mortgage, gold.....	255	1872	1,000	4,084,000	8	F. & A.	do do	Feb., 1904
International 2d mortgage.....	204	1874	1,000	2,052,000	8	F. & A.	do do	Feb. 1, 1904
Houston & Gt. Northern 2d mortgage.....	255	1874	1,000	2,907,000	8	F. & A.	do do	Feb. 1, 1904
Funded coupon bonds.....	1876-8			2,787,620				
<i>Iowa Falls & Sioux City—Stock.....</i>			100	4,625,000	1	Q.—M.	Boston.	June 1, 1879
1st mortgage, April 1, '69.....	184	1869	500 &c.	2,960,000	7	A. & O.	N. Y., Nat. Park Bank.	April 1, 1899
<i>Jacksonville, Pens. & Mob.—Florida State bonds, gold.....</i>	250	1870	1,000	4,000,000	8	J. & J.	New York.	1900
<i>Jefferson (Pa.)—1st & 2d mort. (Hawley Branch).....</i>	9	1867	1,000	300,000	7	J. & J.	Honesdale Nat. Bank.	1887 & 1889
1st mortgage (Susquehanna to Carbondale).....	38	1869	1,000	2,000,000	7	J. & J.	N. Y., by Erie Railroad.	Jan. 1, 1889
<i>Jeffersonville, Madison & Indianapolis—Stock.....</i>	226		100	2,000,000	1 3/4	Q.—F.	N. Y., Farm. L. & T. Co.	Aug., 1879
Indianapolis & Madison, 1st mortgage.....	86	1862	500 &c.	397,000	7	M. & N.	do do	May 1, 1881
Jeff., Mad. & Ind., 1st M. (s. f. \$15,000 per year).....	159	1866	1,000	2,395,000	7	A. & O.	do do	Oct. 1, 1906
do do 2d mortgage.....	159	1870	1,000	2,000,000	7	J. & J.	do do	July 1, 1910
<i>Jersey City & Albany—1st mort. (for \$5,090,000).....</i>		1878	1,000	(?)			New York.	1908
<i>Joliet & Northern Indiana—1st mort., guar by M. C.</i>	44	1877	1,000	800,000	7	J. & J.	N. Y., Farm. L. & T. Co.	July 10, 1907
<i>Junction, Philadelphia—1st mortgage.....</i>	4 1/2		1,000	455,000	6	J. & J.	Philadelphia Office.	July 1, 1882
2d mortgage.....			1,000	300,000	6	A. & O.	do do	April 1, 1900
<i>Kansas City, Fort Scott & Gulf—1st m. l. gr. s. f.....</i>	161	1879	1,000	4,000,000	7	J. & J.	Boston, Co.'s office.	
<i>Kansas City, St. Joseph & Council Bluffs—Stock.....</i>	274		100	2,789,413				
1st mortgage, Council Bluffs & St. Joseph.....	52	1866	1,000	500,000	7	J. & J.	Boston, at Office.	Jan. 1, 1880
Kansas City, St. Jo. & C. Bl., mortgage.....	274	1877	100 &c.	4,495,522	7	A. & O.	do do	Jan. 1, 1907
do do income bonds, reg.....		1877	100	2,488,174	6	A. & O.	do do	Jan. 1, 1907
<i>Kansas Pacific—Stock.....</i>	750		50	9,689,950				
Consol. mort., gold. (for \$30,000,000), coup. or reg		1879	1,000	(?)	6 g.	M. & N.	N. Y., Bk of Commerce.	May 1, 1919
1st mort., gold, coup., on 140 miles west M. R. Riv.	140	1865	1,000	2,240,000	6 g.	F. & A.	do do	Aug. 1, 1895
1st mort., gold, 140th to 393d mile.....	253	1866	1,000	4,063,000	6 g.	J. & D.	do do	June 1, 1896
2d mort. (to U. S. Gov.) on 394m. west Mo. River.	394	1865-7	1,000	6,303,000	6	Payable	1/2 by transportation.	1895 to '97
1st M., 394th to 639th mile, 1'd gr., 3,000,000 ac's	245	1869	1,000	6,330,000	7 g.	M. & N.	N. Y., Lond. & Frankf't.	May 1, 1899
1st mort., coup., (Leavenworth Branch).....	34	1866	1,000	600,000	7	M. & N.	N. Y., Bk of Commerce.	Jan. 1, 1896
Income bonds, coupon, 3d mortgage on 427 miles.	427	1866	50 &c.	4,275,350	7	M. & S.	do do	July 1, 1916
1st land b'ds, cp, or reg., gold, on 2,000,000 acres		1870	250 &c.	1,578,000	7 g.	J. & J.	N. Y., Lond. & Frankf't.	July 1, 1880
2d land mort., do do do.....		1871	1,000	1,500,000	7 g.	M. & S.	New York.	Sept., 1886
Consol. funding mortgage.....		1876	1,000	1,500,000	10	A. & O.	do do	Oct., 1879
Junc. C. & Fort K., 1st mort., gold, land gr., guar	33 1/2	1873	1,000	600,000	7 g.	A. & O.	New York.	April 1, 1903
<i>Kentucky Central—2d mortgage.....</i>	99	1853	1,000	844,000	7	M. & S.	N. Y., Bank of America.	March, 1883
3d mortgage.....	99	1855	1,000	237,000	7	J. & D.	do do	June, 1885
<i>Keokuk & Des Moines—1st M., int. guar. C. R. I. & P.</i>	162	1878	100&c.	2,750,000	5	A. & O.	N. Y., Farm. L. & T. Co.	Oct. 1, 1923
<i>Knox & Lincoln—1st mortgage.....</i>	49	69-'72		2,395,000	6	Various	Bath, First Nat. Bank.	1880-1902
<i>Lafayette Bloomington & Miss.—1st mortgage.....</i>	82	1871	1,000	1,300,000	7 g.	F. & A.	New York.	Aug., 1901
<i>Lafayette Muncie & Bloomington—1st mortgage.....</i>	37	1871	1,000	666,000	7 g.	F. & A.	do do	Aug., 1901
<i>Lake Shore & Michigan Southern—Stock.....</i>	1181		100	49,466,500	2 1/2	F. & A.	N. Y., Grand Cent. Office.	Aug. 1, 1879
Guaranteed 10 per cent stock.....			100	533,500	5	F. & A.	do do	Aug. 1, 1879
Consol. 1st mort., (sink. fund, 1 per cent) coupon.	864	1870	1,000	8,159,000	7	J. & J.	do do	July 1, 1900
do do do registered.....	864	1870	1,000		7	Q.—J.		July 1, 1900
2d mortgage, do. (for \$25,000,000) coup. and reg.	864	1873	1,000	9,350,000	7	J. & D.		Dec. 1, 1903
Income bonds, coupon or registered.....		1872	1,000	3,150,000	7	A. & O.		Oct. 1, 1892
Mortgage bonds of Oct., 1869, sinking fund.....	864	1869	1,000	638,000	7	A. & O.		Oct. 1, 1879
1st mortgage, sinking fund, M. S. & N. I.....	451	1855	1,000	5,255,000	7	M. & N.		May 1, 1885
2d mortgage (C., P. & A. RR.) registered bonds..	95	1859	1,000	894,000	7	J. & J.		Jan. 1, 1880
3d mortgage do.....	95	1867	1,000	920,000	7	A. & O.		Oct. 1, 1892
Lake shore dividend bonds, April, 1869.....	258	1869	500 &c.	1,356,000	7	A. & O.		April 1, 1899
1st mortgage (C. & Tol. RR.) sinking fund.....	162	1855	1,000	1,595,000	7	J. & J.		July 1, 1885
2d mortgage do.....	162	1866	1,000	849,000	7	A. & O.		April 1, 1886
Buffalo & Erie, mortgage bonds.....	88	1862	1,000	200,000	7	J. & J.		July 1, 1882
do do.....	88	1866	1,000	300,000	7	M. & S.		Sept. 1, 1886
do do.....	88	1868	500 &c.	2,834,000	7	A. & O.		April 1, 1898
Det. Monroe & Tol., 1st mort., coup., guar.....	62	1876	1,000	924,000	7	F. & A.		Aug. 1, 1906
Kalamazoo & White Pigeon, 1st mortgage.....	37	1869		400,000	7	J. & J.		Jan. 1, 1890
Schoolcraft & Three River, 1st mortgage.....	12	1867		100,000	8	J. & J.		July 1, 1887
Kalamazoo & Schoolcraft, 1st mortgage.....	13	1867		100,000	8	J. & J.		July 1, 1887
Kalamazoo, Allegan & Gr. Rapids, 1st mortgage.	58	1868		840,000	8	J. & J.		July 1, 1888
do do stock, 6 per ct. guar.....				610,000	3	A. & O.		April 1, 1879
Jamestown & Franklin, 1st mortgage.....	51	1863	1,000	410,000	7	J. & J.		Var. to July, '97
do do 2d mortgage.....	51	1869	1,000	500,000	7	J. & D.		June 1, 1894
<i>Lawrence—Stock.....</i>	22		50	450,000	2 1/2	Q.—J.	Pittsburg Office.	July, 1879
1st mortgage.....	17	1865	1,000	337,000	7	F. & A.	N. Y., Winslow, L. & Co.	Aug., 1895

Coupons are paid by Treasurer at Grand Central Depot, N. Y., and registered interest by Union Trust Company.

Indianapolis, Decatur & Springfield—This embraces the former Indiana & Illinois Central; 50 miles more are now under construction. The 2d mortgage is issued to holders of old I. & I. C. firsts, and till July, 1881, interest is payable out of net earnings only if sufficient. Stock is \$500,000. Gross earnings, 1878, \$110,347; net, \$28,965. (V. 27, p. 251; V. 28, p. 277, 624.)

Indianapolis & St. Louis—Of the 1st mortgage bonds series "A" are J. & J.; series "B," M. & S.; series "C," M. & N. The stock, \$600,000, is owned by Pennsylvania Co. and Cl. Col. Cin. & Ind. Belongs to Penn. system, and leases the St. Louis A. & T. H. In 1877-8, net earnings were \$313,903; payments, \$693,690. (V. 26, p. 95, 614, 654; V. 27, p. 41, 409, 454, 603; V. 28, p. 377.)

Indianapolis & Vincennes—Is leased to Penn. Co., through stock ownership, and interest is guaranteed by Penn. Railroad. Net earnings 1878, \$5,348. (V. 28, p. 18, 377.)

International & Great Northern (Texas)—A consolidation of the International and the Houston & Great Northern. Receiver appointed April, 1878, and plan of re-organization made, as per CHRONICLE, V. 27, p. 95, 331, and sale to be made July 31, 1879, pursuant thereto. Net earnings, 1878, \$571,932. Land grant about 5,000,000 acres. (V. 26, p. 342, 547; V. 27, p. 95, 331; V. 28, p. 351, 425; V. 29, p. 41.)

Iowa Falls & Sioux City—Leased to Illinois Central at 35 per cent on earnings.

Jacksonville, Pensacola & Mobile—This road is mortgaged for a like amount of Florida State bonds, and is held by the State. Noticed for sale Sept. 15, 1879. (V. 23, p. 63, 256, 576; V. 24, p. 40, 204; V. 25, p. 212; V. 28, p. 578, 599.)

Jefferson—Leased to the Erie Railway Company, which pays interest on the bonds.

Jeffersonville, Madison & Indianapolis—Leased Jan. 1, 1873, to Pennsylvania Company for interest and sinking fund of bonds, and 7 per cent a year on stock. Lease guaranteed by Penna. Railroad. In 1878, gross earnings were \$1,150,014; net earnings, \$422,983. (V. 26, p. 192; V. 28, p. 378.)

Jersey City & Albany—This was sold in foreclosure and re-organized, 1878. (V. 23, p. 624.)

Joliet & Northern Indiana—This 7 per cent bond, guaranteed by Michigan Central, issued in place of old 8 per cents. (V. 25, p. 592; V. 26, p. 40.)

Junction (Phil.)—Owned by connecting companies. Cost of road \$1,064,730; paid-up stock, \$250,000. Net earnings 1878, \$87,563. Dividends 14 per cent.

Kansas City, Fort Scott & Gulf—The Mo. River Fort Scott & Gulf was sold in foreclosure Feb. 4, 1879; the 1st mortgage bondholders took new 7 per cents for 80 per cent of their bonds, and for all other claims stock was issued. Gross receipts in 1877, from road and lands, \$1,004,545; net, \$263,894. (V. 25, p. 308; V. 26, p. 312, 391; V. 28, p. 42, 146, 621.)

Kansas City, St. Joseph & Council Bluffs—The above statement is made of the securities as issued since re-organization. In 1878 gross earnings were \$1,533,650, and net earnings \$448,059. (V. 25, p. 390; V. 28, p. 350, 599.)

Kansas Pac.—Scrip for coupons funded is about \$2,500,000. In 1878 gross earnings were \$3,610,224, and net earnings \$1,459,461, against \$1,367,777 in 1877, \$1,280,467 in 1876 and \$1,572,880 in 1875. The land grant is in two tracts, 2,000,000 acres in the first, from the 1st to the 380th mile, and 3,000,000 acres in the second, from 380th mile westward. (V. 27, p. 16, 41, 95, 96, 121, 186, 200, 228, 251, 253, 274, 275, 280, 357, 383, 435, 539, 677; V. 28, p. 18, 69, 121, 199, 277, 453, 477, 503, 578, 599, 624; V. 29, p. 67.)

Kentucky Central—This was formerly Covington & Lexington. The company purchased the Mays-

ville & Lexington road. In May, 1879, it paid a dividend of 3 per cent on preferred stock of \$500,000 and 1 per cent on common stock of \$4,500,000. Gross earnings 1878-9, \$553,389; net, \$203,750. (V. 24, p. 495; V. 26, p. 573.)

Keokuk & Des Moines—The stock is \$1,524,600 8 p. c. pref. and \$2,600,400 common—a majority held by lessee. Leased to Chic. Rk. I. & Pacific for 45 years from Oct. 1, 1878, on basis of 25 per cent of gross earnings with a guarantee of interest on the bonds. Gross earnings, 1876-7, \$564,604; 1877-8, \$532,544. (V. 26, p. 470, 523, 546; V. 27, p. 357, 623.)

Knox & Lincoln—In 1877 net earnings were \$48,943. Interest is paid on bonds by cities and towns. Annual report for 1876, V. 22, p. 304.

Lafayette Bloomington & Miss.—Formerly leased to Tol. Wab. & W. (V. 27, p. 146; V. 28, p. 553.)

Lafayette Muncie & Bloomington—Sold in foreclosure April 3, 1879. (V. 24, p. 468, 518; V. 27, p. 146; V. 28, p. 120, 202, 344, 453.)

Lake Shore & Michigan Southern—The report for 1873 (V. 23, p. 473), showed surplus income, over interest, rentals, &c., \$2,774,373. For first half of 1879 net profits above int. and rentals were \$1,370,561. The following shows a summary for the years named:

	1876.	1877.	18
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DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due.	Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.		
For explanation of column headings, &c., see notes at the head of first page of tables.									
<i>Leavenworth Atch. & N. W.</i> —1st mort., guar.	21	1870	\$1,000	\$500,000	7	A. & O.	N. Y., B'k of Commerce.	Oct. 1, 1889	
<i>Leaven., Law. & Galv.</i> —1st mort., l.gr., s.f., conv.	145	1869	1,000	5,500,000	10	J. & J.	New York and Boston.	July, 1899	
<i>Kansas C. & Santa Fe</i> , 1st mort., guar.	32	1870	1,000	720,000	10	M. & N.	Boston Office.	May, 1890	
<i>Southern Kansas</i> , 1st mort., guar.	10	1872	....	160,000	8	....	do	1892	
<i>Lehigh & Lackawanna</i> —1st mortgage.	15	1867	....	300,000	7	F. & A.	do	Feb., 1897	
<i>Lehigh Valley</i> —Stock, common and pref.	301	....	50	27,228,855	1	Q.—J.	Philadelphia, Office.	July 15, 1879	
1st mortgage, coupon and registered.	101	1868	1,000	5,000,000	6	J. & D.	Reg. at office, cp. B'k N.A.	June, 1898	
2d mortgage, registered.	101	1870	1,000	6,000,000	7	M. & S.	Philadelphia, Office.	Sept., 1910	
Consol. mort., gold, \$ & £ (s. fd. 1 p.c. v'ly) cp. & reg.	232	1873	1,000	13,508,000	6 g.	J. & D.	do do	1898 & 1923	
<i>Easton & Amboy</i> , 1st mortgage (for \$10,000,000)	60	1877	....	Held by L.V.	6	....	....	....
<i>Delano Land Company</i> bonds, endorsed.	....	1872	1,000	1,697,000	7	J. & J.	Philadelphia Office.	Jan., 1892	
<i>Lewisburg Centre & Spruce Creek</i> —1st mortgage.	19	....	....	1,545,000	7	M. & N.	....	May 1, 1902	
<i>Little Miami</i> —Stock, common.	196	....	50	4,636,000	2	Q.—M.	Cincinnati.	June 10, 1879	
1st mortgage.	81	1853	1,000	1,491,000	6	M. & N.	N. Y., Bank of America.	May, 1883	
Street connection bds (jointly with Cin. & Ind. RR.)	....	1864	1,000	525,000	6	Various	Cincinnati.	1894	
<i>Little Rock & Fort Smith</i> —New stock.	123	....	....	5,000,000	....	....	....	....
1st M., ld gr't (750,000 acs) s. fund (for \$3,000,000)	123	1875	1,000	2,650,000	7	J. & J.	Boston.	July 1, 1895	
<i>Little Schuylkill</i> —Stock.	31	....	50	2,646,100	3½	J. & J.	Philadelphia Office.	July, 1879	
1st mortgage, sinking fund, extended 1877.	31	1877	500 &c.	492,000	7	A. & O.	do	Oct., 1882	
<i>Logansp't, Crawfordsv. & S. W. of Ind.</i> —1st mort., g.	92	1870	100 &c.	1,500,000	8 g.	Q.—F.	N. Y., Jones & Schuyler.	Aug., 1900	
<i>Long Island</i> —Stock.	158	....	50	3,300,000	....	....	....	1873	
1st mortgage, extension.	....	1860	500	175,000	7	F. & A.	N.Y., St. Nicholas N.Bk.	1890	
1st mortgage, Glencove Br.	....	1864	....	150,000	6	M. & N.	do do	1884	
1st mortgage, main.	95	1868	500	1,121,500	7	M. & N.	do do	July, 1898	
2d mort. for floating debt.	158	1879	....	(?)	....	....	....	....
Newtown & Flushing, guar.	4	1873	500	106,500	7	M. & N.	N.Y., St. Nicholas N.Bk.	May, 1903	
New York & Rockaway, guar.	10	1871	500	250,000	7	A. & O.	do do	April, 1901	
Smithtown & Port Jefferson.	19	1871	500	600,000	7	M. & S.	Drexel, Morgan & Co.	Sept., 1901	
<i>Louisv. Cin. & Lex.</i> —Louisv. P'n (to Louisv. & Frankl.)	65	1851	1,000	100,000	6	J. & J.	N. Y., Bank of America.	Jan., 1881	
<i>Louisville Cincinnati & Lexington</i> , 1st mort.	175	1867	1,000	3,000,000	7	J. & J.	do do	Jan., 1897	
New mortgage, coupon, for \$1,000,000.	175	1877	100 &c.	275,300	7	A. & O.	....	1907	
<i>Louisville & Nashville</i> —Stock.	737	....	100	9,003,218	2½	F. & A.	Louisville.	July, 1879	
Louisville loan, main stem (no mortgage).	....	....	....	849,000	6	A. & O.	N. Y., Drexel, M. & Co.	1886 & 1887	
Lebanon branch, Louisville loan.	....	1856	1,000	225,000	6	Various	do do	1886	
Lebanon branch, 1st mortgage.	....	1863	1,000	77,000	7	M. & N.	Louisville.	Nov., 1880-'85	
do extension, Louisville loan.	....	1863	1,000	333,000	6	A. & O.	do	Oct. 15, 1893	
Cecilian Branch, 1st mortgage.	46	1877	....	1,000,000	7	M. & S.	New York.	Mar. 1, 1907	
Consolidated 1st mortgage for \$8,000,000.	392	1868	1,000	7,070,000	7	A. & O.	N. Y., Drexel, M. & Co.	April, 1898	
2d mortgage bonds, gold, coup.	392	1873	1,000	2,000,000	7 g.	M. & N.	New York.	Nov. 1, 1883	
Memphis & Ohio, 1st mort., sterling, guar.	130	1871	£200	3,500,000	7	J. & D.	London, Baring Bros.	Dec., 1901	
Memphis & Clarksville br., 1st mort., sterling.	83	1872	£200	2,304,720	6 g.	F. & A.	do do	Aug., 1902	
<i>Lykens Valley</i> —Stock.	20	....	100	600,000	2½	Q.—F.	Philadelphia.	(?)	
<i>Macon & Augusta</i> —1st mortgage.	77	1867	1,000	400,000	7	J. & J.	N.Y., M.K. Jesup, P. & Co.	1887	
2d mort., endorsed by Georgia Railroad.	77	1869	1,000	370,000	7	J. & J.	do do	1879	
<i>Madison & Portage</i> —1st mort., gold.	39	1870	1,000	600,000	7 g.	A. & O.	New York.	Oct., 1890	
<i>Mahoning Coal</i> —1st mortgage, coupon.	43	1872	1,000	1,480,000	7	J. & J.	N. York, Union Trust Co.	Jan., 1902	
<i>Manchester & Lawrence</i> —Stock.	26	....	100	1,000,000	5	M. & N.	Manchester and Boston.	May 1, 1879	
<i>Maine Central</i> —Stock.	355	....	100	3,620,120	....	....	....	....
1st mortgage, consolidated.	355	1872	100 &c.	3,903,300	7	A. & O.	Bost., Nat. B'k Com'ree.	April 1, 1912	
Bonds (\$1,100,000 loan) A. & K. RR.	....	1860-1	....	1,100,000	6	F. & A.	Bost., N. Bk. Commerce	1890 to 1891	
Extension bonds, 1870, gold.	19	1870	....	496,500	6 g.	A. & O.	do do	Oct., 1900	
Maine Central loan for \$1,100,000.	....	1868	....	756,800	7	J. & J.	do do	July, 1898	
Leeds & Farmington Railroad loan.	38	1871	....	633,000	6	J. & J.	Portland.	July, 1901	
Androscoggin Railroad, Bath City loan.	....	1861	....	425,000	6	J. & J.	Bost., Nat. B'k Com'ree	July, 1891	
Portland & Kennebec, 1st mort., extended.	72	1863	100	217,300	6	A. & O.	Portland, Me.	April 1, 1883	
do do consolidated mortgage.	....	1865	100	1,166,700	6	A. & O.	Bost., Nat. B'k Com'ree.	Oct. 1, 1895	
Belfast & Moosehead, 1st mortgage.	33	1870	500 &c.	150,000	6 g.	M. & N.	Belfast and Boston.	May 15, 1890	
<i>Manhattan Beach</i> —1st mortgage.	....	....	....	500,000	....	....	....	....
2d mortgage.	....	....	....	300,000	....	....	....	....
<i>Manhattan Elevated</i> —Stock.	44	....	100	13,000,000	....	....	....	....
Bonds, convertible into stock.	....	....	....	(?)	....	....	....	....
<i>Mansfield & Framingham</i> —1st mortgage.	22	1869	....	300,000	7	J. & J.	Boston, Bost. Nat. Bank.	July 1, 1889	
<i>Marietta & Cincinnati</i> —1st mortgage, dollar.	188	1861	....	2,450,000	7	F. & A.	Balt., R. Garret & Sons.	Aug. 1, 1891	
1st mortgage, sterling.	188	1861	....	1,050,000	7 g.	F. & A.	London.	Aug. 1, 1891	
2d mortgage.	....	1866	....	2,500,000	7	M. & N.	Balt., R. Garret & Sons.	May 1, 1896	
3d mortgage.	....	1870	....	3,000,000	8	J. & J.	do do	July 1, 1890	
4th mortgage.	....	1873	....	4,000,000	8	A. & O.	do do	April, 1908	
Scioto & Hocking Valley RR., 1st mortgage.	....	1866	....	300,000	7	M. & N.	do do	May 1, 1896	
Balt. Short Line, stock, 8 p. c. guar by M. & C.	....	....	100	1,125,000	4	J. & J.	do do	Jan., 1879	
do do 1st mort., guar. by M. & C.	30	1869	1,000	750,000	7	J. & D.	Balt., Merch. Nat. Bank	Dec. 1, 1904	
<i>Cincinnati & Baltimore</i> RR., stock.	5½	....	....	1,243,400	4	M. & N.	do do	May 1, 1879	
do do 1st mortgage.	....	....	....	750,000	7	J. & J.	do do	Jan. 1, 1900	
<i>Marquette, H. & O.</i> —1st mort., Pd gr., M. & O., coup.	50	1872	1,000	1,760,000	8	J. & D.	N. Y., Company's office.	June 1, 1892	
New mortgage.	109	1878	1,000	2,482,000	6	M. & S.	New York, City Bank.	Mar. 1, 1908	
<i>Memphis & Charleston</i> —stock.	292	....	25	5,312,725	....	....	....	....
1st mortgage, Ala. & Miss. Div., convertible.	181	1854	....	1,264,000	7	M. & N.	N. Y., R. T. Wilson & Co.	May 1, 1880	
2d mortgage.	272	1867	....	1,000,000	7	J. & J.	do do	Jan. 1, 1885	
Consol. M., g. (\$1,400,000 1st M. on 91 m. in Tenn.)	292	1877	1,000	1,951,000	7 g.	J. & J.	do do	Jan. 1, 1916	
<i>Memphis & Little Rk.</i> —1st M. (paid \$50,000 yearly)	133	1877	1,000	250,000	10	M. & N.	N. Y., H. Talmadge & Co.	Yearly—'79-'83	
General mort., land grant, (s. f. \$10,000 after '82)	133	1877	250 &c.	2,600,000	4	Janu'ry	do do	July, 1907	

Leavenworth Atch. & N. W.—Operated by Missouri Pacific.

Leavenworth, Lawrence & Galveston.—Sold in foreclosure Aug. 4, 1878, for \$760,000, and re-organized as Kans. C. Lawrence & Southwestern. Kansas City & Santa Fe sold Feb. 1879. Net earnings in 1878 \$115,035; in 1877 \$103,564. (V. 26, p. 205; 430, 600; V. 27, p. 200; V. 28, p. 42, 351, 401, 623.)

Lehigh & Lackawanna.—Operated by Central of New Jersey as a coal road.

Lehigh Val.—This company's earnings are chiefly from anthracite coal. The gross income from all sources, in 1877-8, was \$6,186,021; net \$3,729,091. The Co.'s report gives no general balance sheet, nor the cost or value of its miscellaneous investments. Of the E. & Amboy mort., \$5,000,000 have been issued to L. V. Company. A comparative statement for three years is as follows:

	1875-6.	1876-7.	1877-8.
*Coal (tons) moved.	3,951,513	4,362,124	3,446,616
Gross income	\$7,049,646	\$7,100,218	\$5,186,021
Operating expenses.	3,842,750	3,162,822	2,453,926

	1875-6.	1876-7.	1877-8.
Net income.	\$3,206,896	\$3,937,396	\$3,729,094
Capital stock.	27,228,920	27,228,855	27,228,855
Funded debt.	24,186,000	24,301,000	24,508,000
Floating debt.	460,208	635,813	686,833

* Anthracite. (V. 24, p. 110; V. 25, p. 233; V. 26, p. 67, 340; V. 28, p. 95.)

Little Miami.—This company leases the Columbus & Xenia, and both are leased to Pittsburg, Cincinnati & St. Louis, guaranteed by Penn. RR., lessees assuming interest payment on bonds and 8 per cent on stock. Net earnings, 1878, (L. M. & C. & X.) \$275,177. (V. 24, p. 420; V. 25, p. 378.)

Little Rock & Fort Smith.—Foreclosed Dec. 10, 1874. Re-organized and stock issued for old bonds. Coupons due July, 1873, and Jan., 1880, are funded into 7 per cent notes. Land grant about 1,000,000 acres. Land notes outstanding, \$385,201. Net receipts, 1877, \$114,126. (V. 25, p. 63; V. 26, p. 549; V. 28, p. 401; V. 29, p. 17.)

Little Schuylkill.—Leased and operated by Philadelphia & Reading. Dividends, 7 per cent.

Logansport, Crawfordsville & S. W. of Ind.—Decree of sale made. The total liabilities, September 1875, reported at \$4,097,000, of which \$322,000 were receiver's certificates. (V. 22, p. 63; V. 23, p. 428; V. 28, p. 120.)

Long Island.—Gross earnings, year ending Sept. 30, 1878, \$1,497,914; net earnings, \$497,835. This company leased the Flushing North Shore & Central, and the Southern of Long Island, and afterward went into Receiver's hands October, 1877. (V. 25, p. 334, 432, 510; V. 26, p. 290, 392; V. 28, p. 17, 224, 453.)

Louisville, Cincinnati & Lexington.—Sold in foreclosure Oct. 1, 77, for \$731,000, to 2d mort. bondholders, subject to above liens. New co. organized with \$2,100,000 stock. (V. 25, p. 16, 335, 356, 433, 533; V. 27, p. 302; V. 28, p. 41, 59.)

Louisville & Nashville.—In 1877-8 gross earnings were \$5,607,598, and net \$2,344,242; surplus above interest, \$634,391. Nashv. & Dec. is leased, and liabilities for the S. & N. Ala. are assumed. Purchased Evansv. Hend. & Nashv. May, 1879. (V. 26, p. 142, 653; V. 27, p. 68, 354, 462, 536; V. 28, p. 423, 477, 579, 600; V. 29, p. 41.)

Lykens Valley.—Leased to Summit Branch Railroad at \$62,500 per annum. (V. 23, p. 113.)

Macon & Augusta.—Leased and operated by the Georgia Railroad, which guarantees all the bonds except \$100,000 of first mortgage. Gross earnings, 1877-8, \$99,787; expenses, \$104,607. To be foreclosed. (V. 26, p. 468; V. 27, p. 252; V. 28, p. 579.)

Madison & Portage.—Controlled by Chic. Mil. & St. Paul. Gross earnings, 1876, \$31,896. (V. 26, p. 459.)

Mahoning Coal.—This coal road runs from Andover, O., to Youngstown, O., and is leased to the Lake Shore & M. S. for 25 years from May, 1873, at 40 per cent of gross earnings.

Manchester & Lawrence.—Formerly operated with the Concord RR. as one line. Net earnings 1878-9,

\$100,411, against \$100,458 in 1877-8. (V. 25, p. 39; V. 27, p. 66; V. 28, p. 598.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When due. Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
Metropolitan Elevated (N. Y. City)—Stock.....	.....	.....	\$.....	\$6,500,000	2½	Q.—	.....	.....
1st mortgage, \$ or £.....	6½	1873	1,000	8,500,000	6 g.	J. & J.	N. Y., Central Trust Co.	July, 1908
Michigan Central—stock.....	800	.....	100	18,738,204	1½	J. & J.	Grand Central, Office.	Aug. 1, 1879
1st mortgage, convertible, sinking fund.....	284	.....	1,000	1,501,000	8	A. & O.	N. Y., Union Trust Co.	Oct. 1, 1882
1st mortgage, convertible.....	284	.....	1,000	556,000	8	A. & O.	do do	Oct. 1, 1882
Consolidated mortgage (for \$10,000,000).....	284	1872	1,000	8,000,000	7	M. & N.	do do	May 1, 1902
Michigan Air Line mortgage.....	103	1869	1,000	1,900,000	8	J. & J.	do do	Jan. 1, 1890
Michigan Air Line 1st mort., assumed by M. C.....	10	.....	1,000	200,000	8	M. & N.	do do	1890
Equipment bonds.....	.....	1874	1,000	556,000	8	A. & O.	do do	April 1, 1883
Kalamazoo & South Haven, 1st mort., guar.....	39	1870	1,000	640,000	8	M. & N.	do do	Nov. 1, 1890
do do 2d mort., guar.....	39	1870	1,000	70,000	8	M. & N.	do do	Nov. 1, 1890
Grand River Valley, 1st mort., guar. 5.....	84	1866	1,000	1,000,000	8	J. & J.	do do	July 1, 1886
do do 2d mort., guar.....	84	1869	1,000	500,000	8	M. & S.	do do	July 1, 1879
do do stock, guar.....	.....	.....	100	491,200	2½	J. & J.	do do	July, 1879
Detroit & Bay City 1st mortgage, endorsed.....	118	1872	.....	424,000	8	M. & N.	do do	May 1, 1902-3
do do mortgage (not guar M.C.).....	118	1872	.....	1,906,000	8	M. & N.	do do	1902
Jackson, Lansing & Saginaw 1st mort. } coup. } do 1st mort. (N. of Win.), conv. } may } do Cons. m. on whole line (300m.) } ber'g }	116	1865	1,000	1,094,000	8	J. & J.	do do	July 1, 1885
.....	.....	1870	1,000	613,000	8	M. & N.	do do	May 1, 1890
.....	236	1871	1,000	1,943,000	8	M. & S.	do do	Sept. 1, 1891
Milwaukee & Northern—1st mortgage.....	126	1870	50 & c	2,134,000	8	J. & D.	N. Y., Merch. Exc. N. Bk.	Dec., 1901
Milwaukee, Lake Shore & Western—1st m., gold.....	127	1875	1,000	750,000	7	J. & D.	N. Y., S. S. Sands & Co.	June 1, 1895
Mine Hill & Schuylkill Haven—stock.....	140	.....	50	3,969,600	3½	J. & J.	Philadelphia, P. & R. Co.	July 17, 1879
Minneapolis & St. L.—1st m., Min. to Sioux C. June.....	27	1877	1,000	455,000	7 g.	J. & J.	N. Y., Continental N. Bk.	Jan. 1, 1907
1st mortgage, Sioux City June. to Iowa line.....	93	1877	500 & c.	1,100,000	7 g.	J. & D.	do do	Feb. 1, 1927
1st mortg., Minneapolis to White B. Lake, guar.....	15	1877	1,000	280,000	7 g.	M. & N.	do do	Jan. 1, 1907
Mississippi & Tennessee—1st mortgage, series "A".....	100	1877	1,000	1,000,000	8	A. & O.	N. Y., Imp. & Trad. Bk.	April 1, 1902
1st mortgage, series "B," (a second lien).....	100	1877	1,000	1,100,000	8	J. & J.	do do	July 1, 1902
Missouri, Kansas & Texas—stock.....	786	.....	100	21,405,000	.....	.....	.....	.....
1st m., gold, sink. fund, on road and land (U.P.S.Br).....	182	1868	1,000	2,433,000	6 g.	J. & J.	N. Y., Union Trust Co.	Jan., 1899
1st mortgage, gold (Teb. & Neosho).....	100	1870	1,000	349,000	7 g.	J. & D.	do do	June, 1903
Consolidated mortgage, gold, on road and land.....	786	1871-3	1,000	14,752,000	7 g.	Various	do do	1904-1906
2d mortgage, income, (for \$10,000,000).....	786	1876	500 & c.	6,068,600	6	A. & O.	do do	April 19, 1911
Booneville Bridge bonds, gold, guar.....	.....	1873	1,000	1,000,000	7 g.	M. & N.	do do	May 1, 1906
Hannibal & Central Missouri, 1st mortgage.....	70	1870	1,000	800,000	7 g.	M. & N.	do do	May, 1890
Missouri Pacific—Stock.....	299	.....	100	800,000	.....	.....	.....	.....
1st mortgage, gold.....	283	1868	1,000	7,000,000	6 g.	F. & A.	N. Y., Company's Office.	Aug., 1888
2d mortgage (sinking fund \$50,000 per annum).....	283	1871	1,000	2,600,000	7	J. & J.	do do	July, 1891
Real estate (depot) bonds.....	.....	1872	500 & c.	800,000	8	M. & N.	do do	May 1, 1892
Debt to St. Louis County (no bonds).....	.....	.....	.....	700,000	7	mont'ly	St. Louis.	Feb., 1885
3d mortgage.....	299	1876	1,000	4,500,000	7	M. & N.	N. Y., Company's Office.	.....
Carondelet Branch, 1st mortgage.....	15½	1873	1,000	250,000	6 g.	A. & O.	New York.	Oct. 1, 1893
Mobile & Girard—2d mort., end. by Cent. Ga. RR.....	85	1869	1,000	300,000	8	J. & J.	N. Y., Nat. City Bank.	Jan., 1889
3d mortg. bonds issued to Central R. R. Ga.....	.....	1877	.....	800,000	4	.....	.....	.....
Mobile & Montg.—Stock, (Authorized \$3,022,517.).....	186	.....	100	2,794,800	2½	.....	N. Y., Drexel, M. & Co.	Feb. 4, 1879
Mobile & Ohio—Stock.....	516	.....	100	5,320,600	.....	.....	.....	.....
Convertible 8 per cent bonds.....	.....	1873	1,000	977,550	8	Q.—M.	New York.	Dec. 1, 1883
1st mortgage, sterling.....	.....	1853	£225	5,643,000	6 g.	M. & N.	New York and London.	Nov. 1, 1883
Interest bonds.....	.....	.....	100 & c.	1,517,300	8	M. & N.	Mobile.	1876 and '83
Interest bonds, sterling.....	.....	.....	£100 & c	769,920	6 g.	M. & N.	London.	1883
Tennessee subs., 1st mortgage, sterling.....	.....	1871	1,000	1,668,000	7 g.	J. & J.	New York and London.	1901
Special mortgage (Mississippi, Gainesville & Tex.).....	21	1871	.....	53,000	8	M. & N.	Mobile.	.....
2d mortgage.....	.....	.....	100 & c.	1,451,207	8	March	do	1877-1882
New mortgage.....	.....	.....	.....	.....	.....	.....	.....	.....
Montclair & G. Lake.—1st mort. (\$700,000).....	40	1875	100 & c.	700,000	7	F. & A.	New York, Co.'s Office.	.....
2d mort. (issued for old firsts).....	.....	.....	100 & c.	1,800,000	7	M. & S.	do do	.....
Monticello & Port Jervis—1st mortgage.....	23	1870	1,000	500,000	7 g.	Q.—J.	N. Y., Union Trust Co.	1890
Morris & Essex—stock.....	137	.....	50	15,000,000	3½	J. & J.	N. Y., Del., Lack & W.	July 1, 1879
1st mortgage, sinking fund.....	84	1864	250	5,000,000	7	M. & N.	do do	May 1, 1914
2d mortgage.....	84	1866	500 & c.	3,000,000	7	F. & A.	do do	Aug. 1, 1891
Convertible bonds.....	.....	various	1,000	284,000	7	J. & J.	do do	Jan. 1, 1900
Construction bonds.....	.....	1871	1,000	573,000	7	F. & A.	do do	Aug. 1, 1889
Gen. m. & 1st on Boonton Br. & c. (guar. D.L. & W.).....	34	1871	1,000	4,991,000	7	A. & O.	do do	Oct., 1901
Consol. mort. (for \$25,000,000) guar. D. L. & W.....	137	1875	1,000	5,050,000	7	J. & D.	do do	June 1, 1915
Special real estate mortgage.....	.....	.....	.....	1,025,000	7	.....	.....	.....
Nashville, Chattanooga & St. Louis—stock.....	345	.....	25	6,560,295	1½	A. & O.	New York & Nashville.	Oct. 1, 1878
Bonds to U. S. government, 2d mort.....	.....	1871	.....	1,000,000	4	.....	N. Y., V. K. Stevenson.	1881 and '91
Bonds endorsed by Tenn.....	.....	.....	.....	1,100,000	6	J. & J.	.....	.....
New 1st mort. (for \$6,800,000) coup*.....	340	1873	1,000	4,700,000	7	J. & J.	N. Y., V. K. Stevenson.	July 1, 1913
Bonds of N. C. & St. L., 1st mort. on two branches.....	75	1877	1,000	320,000	6	J. & J.	New York.	Jan. 1, 1917
do do 1st mort. on Tenn. & Pac.....	30	1877	1,000	300,000	6	J. & J.	do	Jan. 1, 1917
Nashville & Decatur—Stock, guar'd 6 p. c. by L. & N.....	122	.....	.....	1,512,000	3	J. & D.	.....	June, 1879
1st mort. guar. s. f.....	122	1870	1,000	1,837,000	7	J. & J.	N. Y., Drexel, M. & Co.	July 1, 1900
2d mortgage.....	122	1867	500	206,000	6 g.	A. & O.	Nashville, Co.'s Office.	Oct., 1887
Nashua & Lowell—Stock.....	54	.....	100	800,000	3	M. & N.	Boston & Nashua.	May 1, 1879
Bonds for freight depot (gold).....	.....	1873	.....	200,000	6 g.	F. & A.	Boston.	Aug. 1, 1893
Naugatuck—Stock.....	57	.....	100	2,000,000	5	J. & J.	Bridgeport, Conn.	July 15, 1879
Nebraska—Consol. mort., guar.....	133	1877	1,000	1,836,000	7	A. & O.	Boston.	Oct. 1, 1896
Nesquehoning Valley—Stock.....	16½	.....	50	1,300,000	3½	M. & S.	Philadelphia, Co.'s office	Mar. 1, 1879
Newark, Somerset & Straitsv., O.—1st mortgage.....	44	1869	500 & c.	800,000	7 g.	M. & N.	N. Y., Union Trust Co.	Nov. 1, 1889
Newcastle & Beaver Valley—Stock.....	15	.....	50	605,000	(?)	Q.—J.	Newcastle, Penn.	July, 1879

Metropolitan (N. Y. City).—This is the elevated road formerly known as the "Gilbert." Is leased to Manhattan Railway Co. with guarantee of 10 per cent dividends. (V. 27, p. 149. 627; V. 28, p. 42, 112, 253, 327, 526, 553, 579; V. 29, p. 42.)

Michigan Central.—The fiscal year ends with December 31. For the year 1878 gross earnings were \$6,872,094 on main line and branches; net income over interest, &c., \$2,564,855. The Jackson, Lansing & Sag. debt is assumed by Mich. Cent., which also pays \$70,000 per year on the stock, one-third of which it owns; the proceeds of J. L. & S. lands go to pay bonds. (V. 26, p. 519.) Interest was passed on the Detroit & Bay City bonds, not guaranteed, Nov., 1875. D. & B. C. net earnings in 1878 were \$34,995. (V. 26, p. 417, 574, 653; V. 27, p. 645; V. 28, p. 473, 599.)

Milwaukee & Northern.—Two coupons were paid in stock, but cash payment was resumed in July, 1876. It is leased to Wisconsin Central. (V. 25, p. 453.)

Milwaukee, Lake Shore & Western.—Sold in foreclosure for \$2,509,788, Dec. 10, 1875, and purchased by bondholders, who made this new first mortgage for \$750,000. Gross earnings 1876-7, \$213,930; net, \$50,418. (V. 25, p. 308; V. 27, p. 252, 357.)

Mine Hill & Schuylkill Haven.—Leased to Philadelphia & Reading, May 1561, for 999 years; 7 per cent dividends on stock.

Minneapolis & St. Louis.—This road was completed in 1877. The bonds of the \$1,100,000 mortgage, numbered from 1,101 to 1,430, for \$50 each, (\$150,000 in all) are guaranteed by the Burl. C. R. & Northern Railroad. The bonds on the 15 miles were issued by the Minneapolis & Duluth RR.

Mississippi & Tennessee.—Gross earnings 1877-8, \$378,780; net, \$178,934, against \$212,768 in 1876-7. The debt is consolidated as above. Floating debt Sept. 20, 1878, \$106,730, an increase of \$31,532. (V. 25, p. 154, 617; V. 26, p. 39; V. 23, p. 95.)

Missouri, Kansas & Texas.—Latest report, V. 23, p. 298. Gross earnings 1878, \$2,931,681; net, \$471,958, against \$1,048,664 in 1877 and \$1,371,883 in 1876. Annual interest charge now (under adjustment) is \$776,398, gold. The M. K. & T. bonds and U. P. S. Br. bonds draw 5 per cent in 1879-81, but coupons on the consol. mort. are unpaid since Feb., 1878. Land grant is about 4,565,142 acres. (V. 26, p. 365, 392, 470, 523, 548, 625, 653; V. 27, p. 426, 514, 603, 653; V. 23, p. 145, 173, 298.)

Missouri Pacific.—Gross earnings in 1877, \$3,934,442; operating expenses, \$2,321,355; net \$1,660,086. Reorganized after the sale of the road under 3d mortgage, Sept. 6, 1876, for \$3,000,000. Default was made on Carondelet Branch bonds, October 1, 1877, and compromise bonds at 50 per cent were offered January, 1878. (V. 26, p. 41; V. 27, p. 68; V. 23, p. 18.)

Mobile & Girard.—The Central Railroad of Georgia endorses these bonds, and holds the 4 per cent mortgage bonds for advances made. (V. 23, p. 549; V. 24, p. 542; V. 27, p. 434.)

Mobile & Montgomery.—Sold in foreclosure, November, 1874, and stock issued to old bondholders. Old mortgage debt yet out, \$275,000. Gross earnings, 1875, \$680,183; net, \$258,290. (V. 26, p. 418; V. 28, p. 327.)

Mobile & Ohio.—Plan of adjustment (see V. 23, p. 451). Gross earnings year ending Aug. 1, 1878, \$2,098,540; net, over all expenses, \$376,321. (V. 26, p. 166, 256, 344, 496, 653; V. 27, p. 330, 487; V. 29, p. 41.)

Montclair & Greenwood Lake.—Re-organization of old Montclair road sold in foreclosure. Road sold again Oct. 12, 1873. (V. 26, p. 67, 603, 625, 653; V. 27, p. 16, 68, 95, 172, 192, 228, 252, 303, 357, 383, 433, 462, 539, 6-3, 652.)

Monticello & Port Jervis.—Defaulted in 1873. Sold July 7, 1875. (V. 20, p. 358, 383; V. 21, p. 39, 592.)

Morris & Essex.—Leased in perpetuity to the Delaware, Lackawanna & Western. The lessees assume all liabilities and pay 7 per cent on stock. Net earnings of the road in 1877-78, \$782,328. (V. 26, p. 191; V. 23, p. 451.)

Nash., Chatt. & St. L.—Gross earnings of 1877-8, \$1,871,803; expenses, \$1,070,270; net earnings, \$801,533. The following payments were made in addition to the operating expenses: Interest on bonded debt for the year..... \$452,400 Interest on floating debt and exchange..... 14,887 Taxes..... 23,534 Two dividends of 1½ per cent each..... 131,505 Cost of steel over iron rails..... 32,297 Cost of extra ties used in laying 33 miles steel rail, 600 to mile extra..... 5,100 Cost of iron bridges..... 30,611 25 Nashv. & N. W. bonds, due July, 1878... 25,000 Minor items..... 25,413 Total..... \$740,745

The debt to United States and bonds endorsed by Tennessee are secured by deposit of 1st mort. bonds. (V. 23, p. 523; V. 27, p. 146, 275; V. 28, p. 551.)

Nashville & Decatur.—Leased May 4, 1871, to Louisville & Nashville Co. for thirty years, lease guaranteeing interest on bonds, and 6 per cent yearly on stock.

Nashua & Lowell.—Net receipts in 1877-8, \$96,759. Notes out are \$225,000. (V. 24, p. 564; V. 26, p. 624.)

Naugatuck.—Net earnings 1877-8, \$197,170. (V. 25, p. 616; V. 27, p. 566.)

Nebraska.—Formerly Midland Pacific. The old bonds were to be exchanged for these guar. by the Bur. & Mo. in Neb., to which the Nebraska road is leased. See V. 23, p. 335, 641.

Nesquehoning Valley.—Leased to the Lehigh Coal & Navigation Co. at a yearly rental now of 7 per cent dividend on the capital stock. (V. 29, p. 18.)

Newark Somerset & Straitsv.—Leased to Sandusky Mansfield & Newark. Guaranteed by Balt. & Ohio.

New Castle & Beaver Valley.—Leased to Pittsburgh, Fort Wayne & Chicago, and lease transferred to Penn. Company. In 1873 paid 24 per cent dividends

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Table with columns: DESCRIPTION, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate per Cent, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

New Haven & Derby—Net earnings 1876-7, \$46,477. New Haven city guarantees the \$225,000 2d m. bonds. New Haven & Northampton.—Gross earnings, 1877-8, \$518,199; operating expenses, \$322,874. (V. 26, p. 17; V. 28, p. 40, 401.)

N. Y. City Elevated.—Leased to Manhattan El. RR., with guaranty of 10 per cent yearly on stock. Bonds are payable after 1897 at 105. General statement V. 27, p. 280. (V. 26, p. 653; V. 27, p. 280, 400, 462; V. 28, p. 302, 526, 551, 579.)

New York & Oswego Midland.—Foreclosure sale postponed again to Sept. 26, 1879. Receivers' certificates have been issued to amount of \$1,352,555. The plan of settlement was reported in V. 28, p. 42. (V. 26, p. 290; V. 27, p. 383, 436, 462, 487, 539, 602, 652; V. 28, p. 18, 42, 277, 302, 580, 625.)

Table with columns: Gross Earnings, Net Income, Interest. Rows for 1877-8, 1876-7, 1875-6, 1874-5, and 1873-4.

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
Norwich & Worcester—Stock.....	.....	.....	\$100	\$2,604,400	5	J. & J.	New England Trust Co.	July 9, 1879
New bonds, coupon.....	66	1877	1,000	400,000	6	M. & S.	Boston, N. E. Trust Co.	March 1, 1897
Ogdensburg & Lake Champlain—Stock.....	122	.....	100	3,077,000	2	J. & J.	Boston, Office.	July 10, 1876
Preferred stock.....	122	.....	100	2,000,000	4	A. & O.	do	Apr. 1, 1878
Sinking fund bonds.....	.....	1870	1,000	392,000	8	M. & S.	do	Mar., 1890
Mortgage bonds for \$600,000 (sinking fund).....	118	1877	.....	538,000	6	J. & J.	do	1897
Ohio & Mississippi—Stock, common.....	393	.....	100	20,000,000	.....	.....	.....	.....
Preferred stock (7 p. e. yearly, cumulative).....	393	.....	100	4,030,000	3½	M. & S.	New York, Office.	Mar. 1, 1875
Income and funded debt bonds.....	148	1862	1,000	174,000	7	A. & O.	do do	April 1, 1882
1st consolidated mort. (\$3,478,000 are s. f.).....	393	1868	1,000	6,545,850	7	J. & J.	do do	Jan. 1, 1898
Consolidated mortgage, sterling.....	393	1868	£200	112,000	6 g.	A. & O.	London.	Jan. 1, 1898
2d consolidated sinking fund mortgage.....	393	1871	1,000	3,861,000	7	J. & J.	New York, Office.	April, 1911
Debenture sinking fund bonds (for \$1,000,000).....	.....	1873	1,000	140,000	7	M. & N.	do do	May 1, 1883
Spring. Div. (Sp. & Ill. SE.) 1st M. (for \$3,000,000).....	223	1874	1,000	1,915,000	6	1st	coup. due Nov., '77	Nov. 1, 1905
Old Colony—Stock.....	269	.....	100	6,733,800	3	J. & J.	Boston, Office.	July 1, 1878
Bonds.....	.....	1871	500 &c.	390,000	7	Various	do	1881
Bonds.....	.....	1860	.....	150,000	6	A. & O.	do	Oct. 1, 1880
Bonds.....	.....	1874	1,000	1,692,000	7	M. & S.	do	March 1, 1894
Bonds.....	.....	1875	.....	500,000	6	J. & D.	do	June 1, 1895
Bonds.....	.....	1876	.....	1,100,000	6	M. & S.	do	Sept. 1, 1896
Bonds.....	.....	1877	.....	1,700,000	6	F. & A.	do	Aug. 1, 1897
Omaha & Northw.—Land gr. gold bds (for \$640,000).....	40	1871	1,000	(?)	7-30 g.	J. & J.	N. Y., Kountze Bros.	Jan., 1901
Oregon & California—1st mortgage.....	200	1870	.....	10,950,000	7 g.	A. & O.	Frankfort O. M.	April 1, 1890
Osvego & Rome—1st mortgage guaranteed.....	28½	1865	1,000	350,000	7	M. & N.	N. Y., Farmers' L. & T. Co.	May, 1915
Income mortgage bonds.....	.....	1866	1,000	200,000	7	F. & A.	do do	Feb., 1891
Osvego & Syracuse—Stock, 9 per cent guar.....	35	.....	50	1,320,400	4½	F. & A.	N. Y., Del., L. & W. RR.	Aug., 1879
Mortgage bonds.....	35	58&64	500 &c.	124,000	7	M. & N.	do do	1880 & 1885
Consol. mortgage (guar. D. L. & W.).....	.....	1876	1,000	338,000	7	M. & S.	do do	1907
Paducah & Elizabethtown—1st mortgage.....	186	1877	1,000	216,000	8	F. & A.	N. Y., Treasurer's Office.	Feb. 1, 1897
2d mortgage, income.....	186	1877	1,000	1,200,000	7	April.	do do	Feb. 1, 1897
Panama—Stock.....	47	.....	100	7,000,000	3	Q.—J.	New York, Office.	Aug. 1, 1879
General mortgage, sterling, (£1,000,000).....	47	1867	£200	3,877,808	7 g.	A. & O.	London.	1884, '89 & 97
Paris & Danville.—1st mortgage, gold, sinking fund.....	103	1873	1,000	2,500,000	7	J. & J.	New York, Office.	Jan. 1, 1903
Paris & Decatur, (Ills.)—1st mort., g'd, sink. f'd.....	75	1872	500	1,200,000	7 g.	J. & J.	New York and London.	July 1, 1892
Pekin, Lincoln & Decatur—1st mortgage.....	67	1871	1,000	1,076,000	7	F. & A.	N. Y., T. W. & W. RR.	Feb., 1900
Pennsylvania—Stock.....	1669	.....	50	68,870,200	2	M. & N.	Philadelphia, Office.	May 29, 1879
1st mortgage.....	355	.....	1,000	4,970,000	6	J. & J.	do do	Jan., 1880
Gen. M., Ph. to Pitts., coup., J. & J.; reg., A. & O. Stalien (pay'ble in annual inst'm'ts of \$160,000).....	.....	1870	1,000	19,999,760	6	Q.—J.	Philadelphia & London.	1910
Consol. M., coup. J. & D., & reg. Q.—M. (s. f. 1 p. c.).....	.....	1873	1,000	4,337,823	5	A. & O.	Philadelphia.	Annually.
Navy Yard bonds, reg.....	.....	1875	.....	1,000,000	6	Q.—M.	Philadelphia & London.	June 15, 1905
Car Trust bonds (sinking fund 10 per cent).....	.....	1877	.....	3,000,000	6 g.	J. & J.	Philadelphia, Office.	1881
Pennsylvania Co.—Common stock.....	.....	.....	50	3,000,000	.....	.....	.....	.....
Preferred stock.....	.....	.....	50	8,000,000	3	A. & O.	Pittsburgh, Co.'s Office.	Oct., 1873
Judgment bonds (held by Pennsylvania RR.).....	.....	1877	1,000	7,000,000	6	.....	Philadelphia.	Demand.
Reg. bonds, secured by P. Ft. W. & C. special stock.....	.....	1877	1,000	3,200,000	6	Q.—J.	do do	July 5, 1907
Pennsylvania & Delaware—1st mortgage.....	39	1873	.....	1,083,000	7	F. & A.	Philadelphia, Office.	July 1, 1903
2d mortgage.....	39	1873	.....	519,000	7	A. & O.	do do	July 1, 1903
Pennsylvania & New York—1st mort., guar.....	105	1866	1,000	1,500,000	7	J. & D.	Phila., B'k N. America.	June 1, 1896
1st mortgage, guaranteed.....	105	1866	1,000	1,500,000	7	J. & D.	do do	June, 1906
Peoria & Bureau Valley—Stock.....	46	.....	100	1,200,000	4	F. & A.	N. Y., Chic., R. I. & Pac.	Feb., 1879
Peoria, Pekin & Jacksonville—1st mortgage.....	83	1864	500 &c.	1,000,000	7	J. & J.	N. Y., Imp. & Trad. B'k.	July 1, 1894
2d mortgage.....	83	1870	1,000	1,000,000	7	A. & O.	do do	Oct. 1, 1900
Perkiomen—1st mortgage.....	38	1867	100	799,600	6	A. & O.	Phila., 227 S. 4th st.	Apr. 1, 1887
Consol. mort., gold, guar. P. & R., (sink. fund).....	38	1873	1,000	1,125,000	6 g.	J. & D.	do do	June 1, 1913
Petersburg—Stock.....	82	.....	100	1,324,200	3	J. & J.	do do	Jan., 1872
1st mort. bonds (payable \$25,000 yearly).....	82	.....	.....	500,000	8	J. & J.	N. Y., Lancaster, B. & Co.	Jan., 1879-'98
2d mortgage.....	82	.....	.....	300,000	8	.....	do do	1902
Philadelphia & Balt. Central—1st mort. (Pa.).....	36	1859	100 &c.	800,000	7	J. & J.	Philadelphia, Office.	Jan., 1879
2d mortgage (Pa.).....	36	1869	100 &c.	400,000	7	J. & J.	do do	Jan., 1900
1st mortgage (Md.).....	10	1866	100 &c.	300,000	6	J. & J.	do do	Oct., 1891
Philadelphia & Erie—Stock, common.....	287	.....	50	6,053,700	.....	.....	.....	.....
Preferred stock.....	.....	.....	50	2,400,000	4	J. & J.	Philadelphia, Pa. RR.	.....
1st mort., Sunbury & E. (extended 20 years in '77).....	40	1857	1,000	976,000	7	A. & O.	do do	Oct. 1, 1897
1st mortgage (\$3,000,000 are sterling).....	287	1861	1,000	5,000,000	6 & 6 g.	A. & O.	Phila., Pa. Life & T. Co.	March 31, 1881
2d mortgage.....	287	1863	1,000	3,000,000	7	J. & J.	do do	July 1, 1888
2d mort., gold (for \$20,000,000), guar by Pa. R.....	287	1869	1,000	8,680,000	6 g.	J. & J.	Philadelphia & London.	July, 1920
Philadelphia & Reading—Stock, common.....	.....	.....	50	32,726,375	2½	Q.—J.	Philadelphia, Office.	Jan. 25, 1876
Preferred stock.....	.....	.....	50	1,551,800	3½	Q.—J.	do do	July 25, 1876
Mortgage loans inconvertible.....	779	1843-9	1,000	1,510,500	6	J. & J.	do do	July, 1880
Loan mortgage, convertible.....	779	1857	1,000	79,000	6	J. & J.	do do	July, 1886
do do sterling.....	779	1836	£100	182,400	5 g.	J. & J.	London.	July, 1880
do do do.....	779	1843	£500	967,200	6	J. & J.	do do	July, 1880
Loan mortgage, sterling. (Extended in 1877).....	779	1867	1,000	134,400	7	J. & J.	do do	July 1, 1882
Loan debenture.....	.....	1868	100 &c.	1,135,300	6	J. & J.	Philadelphia, Office.	July 1, 1893
Loan mortgage.....	779	1863	1,000	2,700,000	7	A. & O.	do do	Oct. 1, 1893
Consolidated mort., dollar loan, coupon or reg.....	779	1871	1,000	10,649,000	7	J. & D.	do do	June, 1911
do do gold, \$ or £, coup.....	779	1871	1,000	6,999,000	6 g.	J. & D.	Philadelphia & London.	June, 1911
do do dollar loan, gold, coup. or reg.....	779	1871	1,000	968,000	6 g.	J. & D.	Philadelphia, Office.	June, 1911

Norwich & Worcester.—Leased February, 1869, to Boston, Hartford & Erie for 100 years at 10 per cent per annum on cost. Dividends paid of 10 per cent per annum. Gross earnings in 1877-8, \$666,853; net income, \$276,567. (V. 27, p. 537; V. 28, p. 200.)

Ogdensburg & Lake Champlain.—Leased in March, 1870, to Vermont Central, but lease failed and property reverted to owners April, 1877. Net earnings 1878-9, \$123,604, against \$241,938 in 1877-8. (V. 27, p. 14, 200, 333; V. 28, p. 277, 526; V. 29, p. 16.)

Ohio & Mississippi.—There are also \$97,000 of old 1st mortgage 7s. W. Div., yet out. The company purchased the Springfield Road, March, 1875, for \$2,000,000 in bonds secured on that road. Nov. 17, 1876, receivers were appointed. Report in V. 28, p. 275, showing net earnings of \$891,467 in 1878, against \$578,123 in 1877. Interest on 1st mortgage is paid some months after it comes due. (V. 27, p. 42, 143, 173, 281, 304, 384, 437, 462, 487, 514, 539, 628; V. 28, p. 120, 146, 200, 253, 275, 323, 401, 423, 526, 554, 580, 649; V. 29, p. 67.)

Old Colony.—Net income over operating expenses and interest, \$406,428 in 1877-8, against \$407,435 in 1876-7. Leased the Boston Clinton & Fitchb. Dec., 1878. (V. 25, p. 482; V. 27, p. 537.)

Omaha & Northwest.—Road was sold in foreclosure Oct. 24, 1873. (V. 21, p. 42, 462, 514; V. 28, p. 18.)

Oregon & California.—After default in 1873 compromise made with bondholders. Gross earnings 1878, \$648,116; net, \$237,665. (V. 26, p. 335; V. 27, p. 358, 437.)

Osvego & Rome.—Operated by the Rome, Watertown & Ogdensburg at 8 per cent on \$300,000 stock, and interest on first mortgage bonds.

Osvego & Syracuse.—Leased to Del. Lack. & West. for interest on bonds and 9 per cent on stock.

Paducah & Elizabethtown.—This road organized after sale of Louisville Paducah & W.; has bonds outstanding as above. Net earnings 1878-9, \$45,807. (V. 26, p. 573; V. 28, p. 402, 623.)

Panama.—Gross earnings, 1878, \$2,114,859; net,

\$1,079,526. Sinking fund, \$731,945. (V. 26, p. 217, 341, 635, 653; V. 28, p. 376, 402, 580.)

Paris & Danville.—Of these bonds, \$450,000 were given for coal mines at Danville, which are covered (1,230 acres) by the mortgage. Sold in foreclosure June 19, 1879. (V. 26, p. 592; V. 27, p. 358, 437, 629, 653; V. 28, p. 97, 121, 625.)

Paris & Decatur.—Consolidation. Now Illinois Midland. (V. 19, p. 351; V. 21, p. 613.)

Pekin Lincoln & Decatur.—Leased to Toledo, Wabash & Western. Sold in foreclosure June 10, 1876, and reorganized. In 1876-7 net earnings were \$54,142. (V. 23, p. 100; V. 26, p. 290.)

Pennsylvania.—The report for 1878 is given in V. 23, p. 249, and shows surplus net income of \$2,913,659 after paying all charges and 2 per cent dividend. The total cost of stocks and bonds of other companies owned by Penn. Railroad was \$66,670,510. A scheme to buy up the company's guaranteed securities with \$100,000 per month from earnings, and issue a 4 per cent scrip to stockholders for the cash so used, was adopted by stockholders on March 28, 1878, but not carried out till November, 1878, when it was started at \$50,000 per month. The following is a statement for three years on all lines east of Pittsburgh:

	Gross Earnings.	Net Earnings.
1878	\$31,636,734	\$11,483,550
1877	31,117,146	10,134,417
1876	35,891,060	12,834,385

(V. 26, p. 18, 95, 166, 217, 234, 265, 277, 315, 420, 519; V. 27, p. 42, 97, 200, 304, 332, 384, 437, 487, 514, 567, 678; V. 28, p. 97, 224, 249, 328, 423, 526, 649.)

Pennsylvania Company.—The Pennsylvania Company is a corporation distinct from the Penn. Railroad, and operates all the leased lines west of Pittsburgh. The stock is owned by the Penn. Railroad. In 1878 the net income over rentals, interest, &c., was \$1,351,516 and advances to railroads charged off \$473,044, leaving \$78,471 profit. The registered bonds are secured by deposit of \$1,000,000 of Pitts. Fort Wayne & Chic. special stock. (V. 23, p. 261; V. 28, p. 530.)

Pennsylvania & Delaware.—The lease of this road to the Pennsylvania Railroad was ratified in 1874. To be sold in foreclosure Aug. 12, 1879.

Pennsylvania & New York.—Operated in close connection with the Lehigh Valley. Net earnings 1875-6, \$608,109. Dividend of 10 per cent paid on preferred stock of \$3,500,000; common stock is \$1,061,700. (V. 24, p. 110.)

Peoria & Bureau Valley.—Leased perpetually to Chicago, Rock Island & Pacific at \$125,000 per year.

Peoria Pekin & Jacksonville.—In May, 1879, control of bonds purchased in Wabash interest. Receiver appointed April, 1878. (V. 28, p. 554; V. 29, p. 68.)

Perkiomen.—Leased to Philadelphia & Reading. Int. on consol. mortg., paid one-half in scrip of P. & R. Company.

Petersburg.—Receiver appointed, May, 1877. (V. 26, p. 41, 523, 653.)

Philadelphia & Baltimore Central.—Operated for some time past in Pennsylvania by trustees of first mortgage bondholders. Net earnings 1878, \$36,849. Phil., Wil. & Balt. largely interested. (V. 23, p. 526.)

Philadelphia & Erie.—Leased February, 1862, for 999 years to Penn. Railroad, but without any guarantee of bonds. Gross earnings, 1878, \$2,921,060; net earnings, \$376,111. Net deficit after paying interest, &c., \$453,056. (V. 26, p. 166, 241; V. 28, p. 252.)

Philadelphia & Reading.—The report for 1877-8, is given at length in V. 28, p. 68. The trustees of the general mortgage hold the mortgage of the Coal & Iron Company. In March, 1877, propositions were made and accepted, by which holders of general mortgage bonds and Perkiomen guaranteed bonds receive one-half their coupons, for three years, in five-year 6 per cent scrip; and holders of convertible and debenture bonds take 6 per cent scrip in payment of their coupons for five years. The scrip is convertible

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DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Payable.	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
<i>Philadelphia & Reading—(Continued)—</i>								
Debtore loan (convertible 1876-92), coup.	745	1873	\$1,000	\$10,499,900	7	J. & J.	Philadelphia, Office.	Jan. 1, 1893
Improvem't mort., \$ or £, sink'g fund, coup.	750	1874	1,000	9,364,000	6	A. & O.	Philadelphia or London	Oct. 1, 1897
Gen. mort., \$ and £ (sink. fund 1 p. c. yearly)	1876	1876	1,000	19,686,000	6 g.	J. & J.	London & Philadelphia.	July 1, 1908
Income mortgage (for \$10,000,000)	1877	1876	1,000	2,046,000	7	J. & D.	Philadelphia, Office.	Dec. 1, 1896
Debtore and guar. bonds, 6 per cent cur'y scrip	1877	1877	10 &c.	3,475,897	6	J. & J.	do do	July, 1882
Gen. mort. and Perkiomen 6 per cent ster'g scrip	1877	1877	90 &c.	1,805,000	6	J. & J.	London & Philadelphia.	July, 1882
Coal & Iron Co., guar. mort. (for \$30,000,000)	1872-4	1872-4	1,000	13,036,500	7	Various	do do	1892 to '94
do debentures, guaranteed	1872	1872	100	1,731,000	7	M. & S.	Philadelphia, Office.	1892
<i>Philadelphia & Trenton—Stock</i>	26	1873	100	1,259,100	2 1/2	Q.—J.	Philadelphia, Office.	July 10, 1879
<i>Philadelphia, Germantown & Norristown—Stock</i>	34	1873	50	2,231,900	3	Q.—M.	Phila., Treasurer of Co.	June 3, 1879
<i>Philadelphia, Wilmington & Baltimore—Stock</i>	112	1873	50	11,561,250	4	J. & J.	Philadelphia & Boston.	July 1, 1879
1st mortgage, convertible	95	1858	500	265,000	6	J. & J.	do do	July, 1884
Plain bonds, loan	1867	1867	1,000	1,000,000	6	A. & O.	do do	April, 1887
do do	1872-4	1872-4	1,000	700,000	6	A. & O.	Philadelphia, Co.'s Office	Oct. 1, 1892
do do	1875	1875	1,000	800,000	6	A. & O.	do do	April 1, 1900
<i>Pittsb. & Connellsville.—1st mortgage</i>	149	1868	1,000	4,000,000	7	J. & J.	Balt., Balt. & Ohio RR.	July, 1898
1st do Turtle Creek division	10	1859	100 &c.	326,600	6	F. & A.	Pittsb., First Nat. Bank	Aug. 1, 1882
Consol. mort., guar. B. & O. (s. f. £7,200 pr. yr.)	149	1876	£200	6,500,000	6 g.	J. & J.	London, J.S.Morgan & Co	Jan. 1, 1926
<i>Pitts., C. & St. L.—1st m., cons. (for \$10,000,000)</i>	200	1868	1,000	6,222,000	7	F. & A.	Phila., Pa. RR. Office.	Aug. 1, 1900
2d mortgage	200	1873	1,000	2,500,000	7	A. & O.	do do	April 1, 1913
1st mortgage, Steubenville & Ind., reorganized	117	1864	1,000	3,000,000	6	Mnthly	N. Y. Agent, 57 B'way.	May, 1884
Col. & Newark Division bonds	33	1864	1,000	775,000	7	J. & J.	Phila., Pa. RR. Office.	Jan., 1890
<i>Pittsburg, Ft. Wayne & Chicago—Stock, guar.</i>	468	1871	100	19,714,285	1 3/4	Q.—J.	N. Y., Winslow, L. & Co.	July 8, 1879
Special improvement stock, guaranteed	468	1871	100	6,329,300	1 3/4	Q.—J.	do do	July 1, 1879
1st mortgage (series A)	468	1862	500 &c.	875,000	7	J. & J.	do do	July 1, 1912
1st do do B	468	1862	500 &c.	875,000	7	F. & A.	do do	July 1, 1912
1st do do C	468	1862	500 &c.	875,000	7	M. & S.	do do	July 1, 1912
1st do do D	468	1862	500 &c.	875,000	7	A. & O.	do do	July 1, 1912
1st do do E	468	1862	500 &c.	875,000	7	M. & N.	do do	July 1, 1912
1st do do F	468	1862	500 &c.	875,000	7	J. & D.	do do	July 1, 1912
2d do do G	468	1862	500 &c.	860,000	7	J. & J.	do do	July 1, 1912
2d do do H	468	1862	500 &c.	860,000	7	F. & A.	do do	July 1, 1912
2d do do I	468	1862	500 &c.	860,000	7	M. & S.	do do	July 1, 1912
2d do do K	468	1862	500 &c.	860,000	7	A. & O.	do do	July 1, 1912
2d do do L	468	1863	500 &c.	860,000	7	M. & N.	do do	July 1, 1912
2d do do M	468	1862	500 &c.	860,000	7	J. & D.	do do	July 1, 1912
3d do	468	1862	500 &c.	2,000,000	7	A. & O.	do do	July 1, 1912
Pittsburg, Ft. Wayne & Chic. construction bonds	1857	1857	1,000	100,000	7	J. & J.	do do	Jan. 1, 1887
Equipment bonds (renewed)	1874	1874	1,000	1,000,000	8	M. & S.	do do	Mch. 1, 1884
<i>Pittsburg & Lake Erie—1st mortg. (for \$2,000,000)</i>	50	1865	1,000	1,500,000	7	F. & A.	Philadelphia, Office.	Feb. 1, 1896
<i>Pittsb. Titusville & Buff.—1st mort. (W. & F.R.R.)</i>	38	1862	1,000	580,000	7	A. & O.	do do	Apr. 1, 1882
1st mortgage (Oil Creek RR.)	25	1870	500 &c.	500,000	7	J. & J.	do do	July 1, 1890
1st mortgage (Un. & Titusville RR.)	1876	1876	100 &c.	1,155,000	7	F. & A.	do do	Feb. 1, 1896
New mortgage (Pitts. T. & B.)	120	1876	100 &c.	315,933	7	F. & A.	do do	Feb. 1, 1896
Funding income bonds (P. T. & B.)	30	1870	1,000	1,583,000	7 g.	A. & O.	Philadelphia.	April 1, 1902
<i>Pittsb., Va. & Charleston—1st mortgage, gold</i>	90	1870	1,000	800,000	6 g.	J. & J.	Boston, First Nat. Bank	Jan., 1900
<i>Portland & Ogdensburg.—1st mort., E. D., gold</i>	80	1871	100 &c.	1,577,960	6 g.	M. & N.	do do	Nov., 1901
New mortgage (for \$3,300,000)	80	1871	100 &c.	2,300,000	6 g.	M. & N.	New York and Boston.	May, 1891
1st mortgage, Vermont Div., gold	52 1/2	1867-9	500 &c.	700,000	6	J. & J.	Boston, Columbian B'k.	July 1, 1887
<i>Portl. & Rochester—1st mort., s. f. (Portl. loan) "A"</i>	52 1/2	1870	500 &c.	350,000	7	A. & O.	do do	Oct. 1, 1887
1st mortgage, equal lien	52 1/2	1871	500 &c.	450,000	6	Various	do do	Sept. 1, 1891
2d do (Portland loan) sinking fund, "B"	52	1871	100	1,500,000	3	J. & J.	Boston, Office.	July 1, 1879
<i>Portland, Saco & Portsmouth—Stock</i>	52	1876	1,000	500,000	6 g.	Various	do do	Nov. 1, 1889
1st mortgage, gold	111 3/4	1869	1,000	2,500,000	7 g.	M. & N.	New York and London.	Nov. 1, 1889
<i>Port Royal (S. C.)—1st mortgage, convertible, gold</i>	71	1877	100	770,000	3	J. & J.	Bost., Eastern RR. Co.	July 15, 1873
<i>Portsmouth, Gt. Falls & Conway—Stock</i>	71	1877	500 &c.	486,000	4 1/2	J. & D.	do do	Dec. 1, 1937
Bonds (not mort.) guaranteed by Eastern RR.	67	1870	100	2,000,000	2 1/2	J. & J.	Providence, Office.	July 1, 1879
<i>Providence & Worcester—Stock</i>	44	1870	1,000	500,000	6	J. & J.	do do	July 1, 1880
First mortgage bonds	1877	1877	650,000	650,000	6	Various	do do	1897
New bonds	97	1873	658,000	658,000	7	Various	do do	Jan., 1898
<i>Raleigh & Gaston—1st mortgage</i>	39	1862	100 &c.	650,000	7	M. & S.	N. Y., Union Nat. Bank.	Mch. 1, 1882
<i>Reading & Columbia—1st mortgage, coupon</i>	39	1864	1,000	350,000	7	J. & D.	Columbia, First Nat. B'k	June, 1884
2d mortgage, coupon	41	1870	100	1,500,000	4	J. & J.	N. Y., Nat. B'k Com'ree.	Nov., 1902
<i>Reading & Lehigh—1st mortgage (Berks Co. RR.)</i>	181	1871	1,000	7,000,000	7	M. & N.	N. Y., Del. & H. Canal Co.	Jan. 2, 1879
<i>Rensselaer & Saratoga—Stock</i>	79	1871	1,000	1,925,000	7	M. & N.	N. Y., Del. & H. Canal Co.	Nov., 1921
1st mortgage, consolidated (for \$2,000,000)	199	1870	100	4,000,000	6	J. & J.	Richmond, Office.	1880
<i>Richmond & Danville—Stock</i>	10	1867	1,000	508,486	6	J. & J.	do do	Jan. 1, 1875
State sinking fund loan	142	1874	1,000	111,700	6	M. & N.	N. Y., City Nat. Bank.	1878 to '90
Bonds, guaranteed by State	49	1874	500,000	1,767,500	6 g.	Various	do do	1888
3d mortgage, consolidated, coupon or registered	29	1873	500,000	1,728,000	8	Various	do do	1888
New general mort., gold (for \$6,000,000)	67	1873	500,000	500,000	6-70	A. & O.	New York or Richmond	1875
Piedmont branch, 1st mortgage	29	1873	500,000	67,778	6 & 7	Various	Richmond, Office.	1875
Northwestern, N. C., 1st mort., guar.	29	1873	500,000	299,917	8	J. & J.	do do	1881-'90
<i>Rich'd, Fredericksburg & Potomac—Bonds, ster.</i>	25	1870	1,000	450,000	2	J. & J.	Richmond, Office.	Jan. 6, 1879
Dollar loan	25	1870	1,000	1,008,600	8	A. & O.	do do	1880 to '86
Coupon bonds of 1881	25	1870	1,000	175,000	8	A. & O.	do do	1880 to '86
<i>Richmond & Petersburg—Stock</i>	25	1870	1,000	31,000	7	M. & N.	do do	May 1, 1915
1st mortgage, coupon	25	1870	1,000	31,000	7	M. & N.	do do	May 1, 1915
New mortgage	25	1875	1,000	31,000	7	M. & N.	do do	May 1, 1915

into income mortgage bonds. (See V. 24, p. 299.) Bonds due 1880 will be extended 30 years, on payment of 10 per cent premium. A comparison of statistics for three years is as follows:

	1875-6.	1876-7.	1877-8.
Gross earnings...	\$12,227,511	\$12,149,910	\$11,539,593
Op. expenses.....	8,510,350	7,751,693	7,319,366

Net earnings. \$3,717,161 \$4,391,217 \$4,220,227 (V. 26, p. 65, 84, 166, 217, 316, 393, 445, 496, 575, 653; V. 27, p. 122, 223, 332, 437, 540, 669; V. 28, p. 66, 113, 328, 428, 527, 580, 625; V. 29, p. 18.)

Philadelphia & Trenton.—Leased to Pennsylvania Railroad with United New Jersey companies at 10 per cent on stock.

Philadelphia, Germantown & Norristown.—Leased for 999 years to Philadelphia & Reading at 12 per cent on stock.

Philadelphia, Wilmington & Baltimore.—Net earnings, year ending Oct. 31, 1878, \$1,095,103, leaving a surplus income of \$38,112 above payment of all charges and 8 per cent dividends. (V. 26, p. 191; V. 28, p. 67.)

Pittsburg & Connellsville.—On Jan. 1, 1876, a transfer was made by City of Baltimore to Baltimore & Ohio Railroad for \$1,000,000, and the consolidated mortgage made for £2,200,000, and guaranteed by B. & O. Gross earnings 1876-7, \$1,388,434; net \$406,418. (V. 24, p. 135.)

Pittsburg, Cincinnati & St. Louis.—This company leases several roads and is itself controlled by the Pennsylvania Co., which holds a majority of the capital stock. Common stock, \$2,508,000; 1st pref., \$2,929,200; 2d pref., \$3,000,000. Gross earnings in 1878 of road proper \$3,176,370; net, \$1,186,763; surplus over interest, &c., \$371,383. Loss on leased lines, &c., \$511,141; net deficit, \$139,757. (V. 26, p. 300, 445, 496, 523; V. 27, p. 97, 200, 304, 409, 567, 629, 653; V. 28, p. 376.)

Pittsburg, Fort Wayne & Chicago.—This road

was leased July, 1869, for 999 years, to Pennsylvania Railroad, at a rental equivalent to interest, sinking fund of debt, and 7 per cent on \$13,714,286 stock, which was increased at that time from \$11,500,000. The lease was transferred subsequently to the Pennsylvania Company. The lessees to keep the road in repair, and also pay taxes, expenses, etc. Pittsburg, Fort Wayne & Chicago leases the Newcastle & Beaver Valley and the Lawrence roads; which in turn are leased again by Pennsylvania Company. Special Impr. stock issued to Penn. Railroad for improvements, &c., is under article 16 of lease. Net earnings, 1875, \$3,689,196; profit to lessee, \$728,593. Sinking fund for bonds amounts to \$2,565,583. (V. 26, p. 523; V. 28, p. 377, 598.)

Pittsburg & Lake Erie.—The capital is \$2,000,000. The Lake Shore & Michigan Southern Co. subscribed for \$200,000 of it. (V. 23, p. 113, 147.)

Pittsburg Titusville & Buffalo.—This was the Oil Creek & Allegheny River road. Sold in foreclosure and re-organized Dec. 29, 1875. Defaulted August, 1878, on consol. bonds. Net earnings 1878, \$184,562. (V. 27, p. 137; V. 28, p. 18, 277.)

Pittsburg Virginia & Charleston.—Road leased in 1879 to Penna. R.R. Of these bonds the Pennsylvania Railroad owns \$500,000. Net earnings, 1877, \$34,640; 1878, \$50,298. (V. 28, p. 113.)

Portland & Ogdensburg.—The two divisions were consolidated March, 1875, as one company. In March, 1876, Company passed the interest on its bonds, and funding proposals were offered. Receiver appointed October, 1877, and foreclosure suit is pending. Report of committee and plan of re-organization, V. 26, p. 575. (V. 26, p. 41, 84, 94, 575; V. 27, p. 540; V. 28, p. 144, 206.)

Portland & Rochester.—Interest in default, and receiver appointed in January, 1877. The report for 13 mos. to Sept. 30, 1878, shows gross earnings, \$148,151; expenses, \$118,816. (V. 25, p. 333; V. 28, p. 41, 625; V. 29, p. 42.)

Portland, Saco & Portsmouth.—Leased March 18, 1871, to Eastern Mass. Railroad for 99 years at 10 per cent per annum; modified Dec. 1875, to 6 per cent for two years. (V. 24, p. 445, 542; V. 28, p. 580.)

Port Royal.—The Georgia Railroad guarantees \$500,000 of these bonds; sale in foreclosure was made June 6, 1878, to Union Trust Co. for \$500,000. (V. 25, p. 90; V. 26, p. 95, 496, 654; V. 28, p. 555.)

Portsmouth, Great Falls & Conway.—Opened in 1872, and leased to Eastern Railroad, Massachusetts. New 4 1/2 per cent bonds for \$1,000,000 authorized, and new contract of lease. (V. 27, p. 15, 97, 115, 228.)

Providence & Worcester.—Net earnings year ending September 30, 1878, \$279,835; notes payable, \$668,241. Mortgage bonds for \$2,000,000 authorized. (V. 25, p. 476; V. 26, p. 94; V. 27, p. 537.)

Raleigh & Gaston.—Net earnings 1877-8, \$107,185, against \$85,749 in 1876-7. (V. 27, p. 94.)

Reading & Columbia.—This road is operated and controlled by the Philadelphia & Reading Railroad. Floating debt, \$1,093,494.

Reading & Lehigh.—This was the Berks County road; sold out, and leased to Philadelphia & Reading, March, 1875, for 99 years. To be sold again Sept. 23, 1879. (V. 26, p. 266; V. 28, p. 600.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Payable.	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
Rochester & State Line.—1st mortgage.....	109	1878	\$1,000	\$2,180,000	7	J. & J.	New York.	July 1, 1902
Rome, Watertown & Ogdensburg—Stock.....	409	.....	100	3,147,600	3	J. & J.	N. Y., Farm. I. & T. Co.	July 15, 1875
1st sinking fund mort., Wat. & R.....	97	1855	100 &c.	424,200	7	M. & S.	do do	Sept. 1, 1880
General mortgage, sinking fund.....	190	1861	500 &c.	1,021,500	7	J. & D.	do do	Dec. 1, 1891
2d mortgage.....	190	1872	1,000	1,000,000	7	J. & J.	do do	Jan. 1, 1892
Consol. mort., convert. till July, '79, coup.....	360	1874	1,000	4,250,000	7	A. & O.	do do	July 1, 1904
Rulland—Stock, common.....	120	.....	100	2,479,700	.....	.....	.....	.....
Preferred stock.....	120	.....	100	4,168,700	3 1/2s	F. & A.	Boston, Treasurer.	Feb. 2, 1875
Equipment mortgage bonds.....	120	1870	100 &c.	500,000	7	M. & N.	do do	May 1, 1880
do do.....	120	1870	100 &c.	500,000	8	M. & S.	do do	Sept. 1, 1880
General mortgage (8 per cent, now 6).....	120	1872	100 &c.	1,212,000	6	M. & N.	do do	Nov. 1, 1902
New mortgage in exchange for equipment bonds.....	.....	1878	.....	.....	5	F. & A.	.....	.....
St. Joseph & Western—1st M. St. Joseph & Pacific.....	115	1876	100 &c.	1,900,000	7	J. & J.	New York.	19—
Kansas & Nebraska, 1st mortgage.....	115	1876	100 &c.	1,900,000	7	J. & J.	.....	19—
St. Louis, Alton & Terre Haute—Stock.....	207	.....	100	2,300,000	.....	.....	.....	.....
Preferred stock (7 per cent yearly, cumulative).....	.....	.....	100	2,468,400	2	.....	.....	Feb. 1, 1878
1st mortgage (series A) sinking fund.....	.....	1864	1,000	1,100,000	7	J. & J.	N. Y., Office 12 Wall st.	1894
1st mortgage (series B) sinking fund.....	.....	1864	500 &c.	1,100,000	7	A. & O.	do do	1894
2d mortgage, preferred (series C).....	.....	1864	1,000	1,400,000	7	F. & A.	do do	1894
2d mortgage, preferred (series D).....	.....	1864	1,000	1,400,000	7	M. & N.	do do	1894
2d mortgage, income.....	.....	1864	500 &c.	1,700,000	7	M. & N.	do do	1894
Equipment mortgage.....	.....	.....	1,000	300,000	10	M. & S.	do do	1880
St. Louis, Iron Mountain & Southern—Stock.....	686	.....	100	21,202,661	.....	.....	.....	.....
1st mortgage, coupon.....	210	1867	1,000	4,000,000	7	F. & A.	N. Y., Office 20 Nassau st	Aug. 1, 1892
2d mortgage, gold, coupon, may be registered.....	210	1872	1,000	5,927,000	7 g.	M. & N.	New York or London.	May 1, 1897
Arkansas Branch, 1st mortgage, gold, land grant.....	100	1870	1,000	2,500,000	7 g.	J. & D.	New York, Co.'s Office.	June 1, 1897
Cairo Ark. & Texas, 1st mort., gold, coup or reg.....	72	1872	1,000	1,450,000	7 g.	J. & D.	do do	June 1, 1897
Cairo & Fulton, 1st mort., gold, on road and land.....	300	1870	1,000	8,000,000	7 g.	J. & J.	do do	Jan. 1, 1891
1st pref. income bonds, reg., (cumulative).....	.....	1879	.....	4,163,297	7	March.	do do	Various.
2d pref. income bonds, reg., (cumulative).....	.....	1879	1,000	4,089,000	6	March.	do do	.....
St. L. Kansas City & N.—Stock (\$12,000,000 is pref.).....	525	.....	100	24,000,000	.....	.....	.....	.....
1st mortgage (North Missouri).....	354	1865	1,000	6,000,000	7	J. & J.	N. Y., Nat Bk of Com'rc	July 1, 1895
Real estate and railway 2d mort.....	354	1874	1,000	3,000,000	7	M. & S.	do do	Sept. 1, 1904
1st & 2d mort. on St. Charles Bridge, coup. or reg.....	.....	1878	1,000	1,388,500	7 g.	A. & O.	do do	Oct. 1, 1908
1st mort., Omaha Div., gold, sink. f., coup. or reg.....	146	1879	1,000	2,350,000	7 g.	A. & O.	do do	April 1, 1919
St. L. & S. Francisco.—1st M. (So. Pac.), g., (l'd grant).....	293	1868	500 &c.	7,194,500	6 g.	J. & J.	N. Y., Trask & Stone.	July, 1888
2d mortgage bonds, A.....	.....	1876	100 &c.	293,200	6	M. & N.	do do	Nov. 1, 1906
do do B, gold.....	.....	1876	500 &c.	2,476,000	3 &c.	M. & N.	do do	Nov. 1, 1906
do do C, gold.....	.....	1876	500 &c.	2,295,000	3 &c.	M. & N.	do do	Nov. 1, 1906
Land debentures.....	.....	1874	.....	350,000	10	Q—J.	do do	Jan. 1, 1884
St. Louis & Southeastern—1st M., gold, conv. s. fund.....	210	69-71	1,000	3,250,000	7 g.	M. & N.	N. Y., G. Opdyke & Co.	Nov., 1894
Consolidated mortgage, gold, sinking fund.....	420	1872	500 &c.	5,145,000	7 g.	F. & A.	do do	Aug., 1902
Evansville Henderson & Nashville, 1st mort.....	98	1867	1,000	1,000,000	7	J. & J.	do do	July 1, 1897
St. Louis, Vandalia & Terre Haute—1st M. s. f. guar.....	158	1867	1,000	1,899,000	7	J. & J.	N. Y., Third Nat. Bank.	Jan. 1, 1897
2d mort., sink. fund (\$1,600,000 guar.).....	158	1868	1,000	2,600,000	7	M. & N.	do do	May 1, 1898
St. Paul & Duluth—Preferred 7 per cent stock.....	156	.....	.....	5,550,000	.....	.....	.....	.....
Common stock.....	156	.....	.....	1,630,848	.....	.....	.....	.....
St. Paul & Pacific—First Division—	.....	.....	.....	.....	.....	.....	.....	.....
1st M., 10 miles, St. P. to St. Anthony.....	10	1862	1,000	120,000	8	M. & S.	N. Y., J.S. Kennedy & Co.	1881
2d M., and 1st, St. Paul to Watab. (\$700,000).....	76	1862	1,000	366,000	7	J. & J.	do do	1892
3d M., land gr't, St. P. to Watab. (\$1,200,000).....	76	1862	250 &c.	1,039,000	7	J. & D.	In default.	1892
Consol. land gr't do (\$2,800,000).....	76	1865	250 &c.	1,087,000	7	J. & D.	do do	1892
1st M., St. Anthony to 150 miles west.....	150	1864	1,000	1,500,000	7	F. & A.	do do	1894
2d M., & 1st l. g., St. A. to 150m. W. (\$3,000,000).....	150	1864	250 &c.	1,374,000	7	M. & N.	do do	1894
3d M., l. gr. on 150m. W. of St. A. & 1st M. on 60m. more with l. gr. (\$6,000,000).....	210	1868	250 &c.	4,687,000	7	M. & N.	do do	1898
4th M., St. P. to Breckenridge, 2d on l'd gr., 150m. (\$3,000,000).....	220	1870	1,000	1,000,000	7	J. & D.	do do	1900
St. Paul & Pacific—1st mortgage bonds.....	140	1871	1,000	15,000,000	7	J. & J.	do do	1901
St. Paul & Sioux C.—Pref. stock, (Div. on \$475,000).....	121	.....	100	2,081,800	2	Q—J.	St. Paul, Office.	Oct., 1876
Common stock.....	121	.....	.....	2,400,000	8	J. & J.	.....	.....
Saginaw Valley & St. Louis.—1st mortg., coup.....	34 1/2	1872	1,000	446,000	8	M. & N.	New York, 9th Nat. Bk.	May 1, 1902
Sandusky Mansfield & Newark—Re-organized stock.....	116	.....	50	1,050,356	2	.....	1st N. Bk., Sandusky, O.	Oct. 1, 1875
1st mortgage, new.....	116	1869	1,000	2,301,000	7	J. & J.	N. Y., Union Trust Co.	July, 1902
Savannah & Charleston—C. & S., guar. by S. C.....	101	1853	500	505,000	6	M. & S.	Charleston, 1st Nat. Bk.	March 1, 1877
Funded int. bonds, S. & C. RR., guar. by S. Car.....	.....	1868	100 &c.	111,800	7	M. & S.	New York.	Sept. 1, 1899
1st mortgage, Savannah & Charleston RR.....	101	1869	500	500,000	7	J. & J.	do do	Jan. 1, 1889
Savannah & Memphis—1st mortgage.....	60	1870	1,000	2,423,000	8 g.	M. & N.	N. Y., Lancaster, B. & Co.	May 1, 1890
Schenectady & Duanesburg—1st M., guar. D. & H.....	14 1/2	1874	100 &c.	500,000	6	M. & S.	Del. & Hud. Canal Co.	Sept. 1, 1924
Schuylkill Valley—Stock.....	11	.....	50	576,050	2 1/2	J. & J.	Philadelphia, Office.	Jan., 1879
Scioto Valley—1st mort. (s. fund \$13,000 per year).....	98	1876	500 &c.	1,300,000	7	J. & J.	N. Y., Winslow, L. & Co.	Jan. 1, 1896
Seaboard & Roanoke—Stock.....	80	.....	100	1,299,600	3 1/2	M. & N.	Phil., Townsend, W. & Co.	May 1, 1879
1st mortgage.....	80	1851	1,000	210,000	7	F. & A.	do do	Aug., 1880
Selma & Gulf—1st mort., guar. by Alabama.....	40	1870	1,000	16,000 p. m.	8	A. & O.	New York.	Jan. 1, 1890
Selma Rome & Dalton—1st mortgage.....	100	.....	.....	838,500	7	J. & J.	New York, Office.	Jan. 1, 1872
2d mort., Alabama & Tenn. River RR.....	100	.....	.....	241,000	8	J. & J.	do do	Jan. 1, 1864
General mortgage for \$5,000,000.....	.....	.....	.....	3,000,000	7	A. & O.	do do	April 1, 1887

Rochester & State Line.—Bonds sold in N. Y., July, 1878. Road runs from Rochester, N. Y., to Salamanca, and Rochester City furnished \$600,000 towards its construction.

Rome, Watertown & Ogdensburg.—The last report shows gross earnings in 1877-8 of \$1,213,776; net, \$350,747, against \$343,336 in 1877. Default was made on coupons consol. bonds April, 1878. (V. 26, p. 334; V. 28, p. 276; V. 29, p. 68.)

Rulland.—Formerly leased to Vermont Central, but default made on rental, and lease modified. Arrangement is pending to give 5 per cent bonds in exchange for equipment bonds and 6 per cents for mortgage bonds. (V. 27, p. 121, 253, 384, 567; V. 28, p. 20.)

St. Joseph & Western.—The St. Jo. and Denver City was sold in foreclosure Nov., 1875, and reorganized. The land grant of 300,000 acres is in hands of trustees, for the benefit of the holders of the land scrip of \$2,250,000. In 1878 gross earnings were \$641,351; operating expenses and renewals, \$580,209. (V. 24, p. 322, 469; V. 26, p. 289; V. 28, p. 351, 625.)

St. Louis, Alton & Terre Haute.—The main line—Terre Haute to E. St. Louis and Alton Branch—was leased June, 1867, for 99 years, to Indianap. & St. L. at 30 per cent of earnings (but \$450,000 a minimum). This was guaranteed by three other companies; see V. 26, p. 614, 634. In 1878, gross earnings were \$928,301, against \$953,570 in 1877. The Belleville Br. and Extension earned net in 1878, \$141,268. Coupons due August, 1878, on 2d mort. bonds were paid in January, 1879. (V. 26, p. 417, 614, 625, 654; V. 27, p. 17, 140, 437, 454, 488, 603, 678; V. 28, p. 476.)

St. Louis, Iron Mountain & Southern.—Gross earnings, 1878, \$4,514,321; net, \$1,945,955. In 1875, the company funded three coupons, but failed to carry out its agreement with bondholders in 1876. The net earnings were applied to floating debt instead of bonded interest. For the latest agreement with bondholders, see V. 28, p. 43. (V. 26, p. 287, 342, 368, 625; V. 27, p. 358, 384, 409; V. 28, p. 43, 173, 302, 325; V. 29, p. 18.)

St. Louis, Kansas City & Northern.—To be consolidated with Wabash. Gross earnings in 1878, \$3,324,495; net, \$1,347,500. First mortgage on St. Charles Bridge is for \$1,000,000, and is 7 per cent for 3 years and 8 per cent for 27 years. Omaha Div. is under construction. (V. 26, p. 68, 288, 474; V. 27, p. 322, 488, 515; V. 28, p. 200, 253, 275, 299; V. 29, p. 19, 42.)

St. Louis & San Francisco.—This is the re-organization of the Atlantic & Pacific, sold in foreclosure Sept. 8, 1876. The stock authorized is—\$4,500,000 of 1st preferred; \$10,000,000 of pref.; \$10,500,000 of common, most of which has been issued. The land grant amounts to some 1,000,000 acres, and on about 300,000 acres bonds "B" are receivable in payment for lands. The interest on bonds "B" and "C" is 3 per cent for 1879-'80-'81, 4 for 1882, 5 for 1883, and 6 afterward. In 1877 gross earnings were \$1,333,943; net, \$739,126, against \$675,047 in 1876. Report for 1878 is held back. (V. 26, p. 241; V. 28, p. 253, 454, 495, 527, 555.)

St. Louis & Southeastern.—In hands of receiver. Tennessee Div. sold April 9, 1879, and purchased by Louisv. & Nashv. RR. Kentucky Div. was sold July 19. Gross earnings of whole line 1877-8, \$1,162,196; net, \$272,558. (V. 26, p. 263, 304; V. 27, p. 229, 488; V. 28, p. 18, 353, 378; V. 29, p. 42.)

St. Louis, Vandalia & Terre Haute.—The com. stock is \$2,383,315; pref., \$1,451,700. This road is leased to Terre Haute & Indianapolis at 30 per cent of gross earnings. In year ending Nov. 1, 1878, the earnings were \$1,054,627, on which 30 per cent was \$316,388. The charges, including interest, were \$352,113, leaving a deficit of \$35,565 advanced by the lessee. Deficit, 1877, was \$35,935. Bonds guaranteed by Terre Haute & Ind., by Col., Chic. & Ind. Cent., and Pitts. Cin. & St. Louis. (V. 24, p. 110; V. 26, p. 165; V. 23, p. 119.)

St. Paul & Duluth.—This is the Lake Superior & Mississippi reorganized. Preferred stock is receivable for lands. Land grant, about 1,600,000 acres. (V. 27, p. 147; V. 29, p. 68.)

St. Paul & Pacific, First Division.—Sold in foreclosure in June, 1879, and reorganized as St. Paul, Minneapolis & Manitoba. (V. 26, p. 256, 316, 342, 420, 575; V. 27, p. 42, 68, 149, 515, 653; V. 28, p. 200, 354, 493, 555, 570, 616.)

St. Paul & Pacific.—The road is in hands of Receiver of U. S. Court, and the bonds are all held in Holland. The mortgage is being foreclosed. (V. 26, p. 316, 342, 420, 436, 575; V. 27, p. 42, 63, 149, 515, 653; V. 28, p. 454.)

St. Paul & Sioux City.—This company has about 550,000 acres of land unsold. (V. 25, p. 348; V. 27, p. 171; V. 28, p. 171.)

Saginaw Valley & St. Louis.—Has a traffic guarantee by Michigan Central. Net earnings, 1877, \$57,513. (V. 27, p. 304.)

Sandusky, Mansfield & Newark.—This road is leased to the Central Ohio, and the lease guaranteed by Baltimore & Ohio. (V. 26, p. 290.)

Savannah & Charleston.—Road in hands of receiver and decree of sale made.

Savannah & Memphis.—Defaulted after the crisis of 1873. Net earnings, 1875-6, \$16,118.

Schenectady & Duanesburg.—Capital stock is owned by the D. & H. Canal Co., which runs the road.

Schuylkill Valley.—Leased to Philadelphia & Reading, with 5 per cent dividends.

Scioto Valley.—This new road, from Columbus to Portsmouth, reports gross earnings of \$282,153 in 1878, and net earnings of \$125,877. (V. 27, p. 653; V. 28, p. 525.)

Seaboard & Roanoke.—Net earnings year ending March 1, 1879, \$188,355. Of the stock, \$200,000 is guaranteed.

Selma & Gulf.—Interest in default. Foreclosure sale pending. (V. 24, p. 299; V. 25, p. 335, 593; V. 27, p. 304.)

Selma, Rome & Dalton.—This was formerly the Alabama & Tennessee River. Interest in default, and road to be sold. (V. 24, p. 566.)

Subscribers will confer a great favor by giving immediate notice of any errors discovered in these Tables.

Table with columns: DESCRIPTION, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate per Cent., When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Shamokin Valley & Pottsville.—Leased February, 1863, to Northern Central, at 7 per cent on bonds and 6 per cent on stock.
Sheboygan & Fond du Lac.—Defaulted 1873. Gross earnings, 1877, \$103,011; net, \$12,304. (V. 24, p. 198, 345; V. 26, p. 521; V. 28, p. 467.)

1,790,000 acres. Net earnings in 1878, \$311,152, against \$296,666 in 1877. (V. 27, p. 67, 358, 515; V. 23, p. 451.)
Southern Pacific (Cal.)—This road is leased to Central Pacific. The bonds are in series A, B, C and D, of which "A" includes \$15,000,000. Proceeds of land sales go to pay bonds. The land grant is 12,830 acres per mile. The stock paid in is \$36,763,900. In 1876-7 the gross earnings were \$3,553,005 and net earnings, \$1,823,830. (V. 26, p. 209, 316; V. 27, p. 321, 409.)

1876-7 net earnings were \$56,415. (V. 26, p. 68, 316, 575; V. 27, p. 68, 40, 515, 603; V. 28, p. 61, 429; V. 29, p. 68.)
Troy & Boston.—With leased roads forms a line from Troy, N.Y., to North Adams, Mass. In 1877-78, gross earnings were \$560,313; net, \$274,747. There are \$119,000 of old 1st and 2d mortgage bonds yet outstanding. (V. 23, p. 119.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due—Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
<i>Utica Chenango & Susquehanna Valley</i> —Stock	98	....	\$100	\$4,000,000	3	M. & N.	N. Y., D. L. & W. RR.	May 1, 1879
<i>Vermont & Canada</i> —Stock	73	....	....	3,000,000	4	J. & D.	Boston, E. Blake & Co.	June 1, 1872
Bonds, guaranteed by Vermont Central	....	1871	500 &c.	1,500,000	8	J. & J.	Boston, Nat. Bk. of Redm	July 1, 1891
Missisquoi Railroad bonds	....	1871	500 &c.	500,000	7	J. & J.	Boston, Globe Nat. Bk.	Jan. 1, 1891
<i>Vermont Central</i> —1st mortgage, consolidated	....	1866	100 &c.	3,000,000	7	M. & N.	Boston, Nat. Bk. of Redm	Nov. 1, 1886
2d mortgage, consolidated	....	1866	100 &c.	1,500,000	7	J. & D.	do do	1891
Equipment loans	....	1866-9	500 &c.	1,500,000	8	M. & N.	do do	1876 to 1889
Stanstead, S. & Chambly bonds	....	1867	100 &c.	444,100	7	J. & J.	do do	Jan. 1, 1887
Income and extension bonds (to pay float'g debt)	....	1872	1,000	1,508,600	8	M. & N.	do do	1902
<i>Vermont & Massachusetts</i> —Stock	80	....	100	2,860,000	3	A. & O.	Boston, Office.	April 7, 1879
1st mortgage (sinking fund \$7,000 per year)	77	1865	100 &c.	550,000	6	J. & J.	do do	July 1, 1883
Convertible bonds	....	1872	1,000	150,000	7	J. & J.	do do	July 1, 1885
<i>Vicksburg & Meridian</i> —1st series (red endorsed)	140	1866	500 &c.	703,500	7	J. & J.	Phila., Girard Nat. B'k.	Jan. 1, 1890
2d series (blue endorsed)	140	1866	1,000	850,000	7	J. & J.	do do	Jan. 1, 1890
3d do (black endorsed)	140	1866	1,000	145,000	7	J. & J.	do do	Jan. 1, 1890
4th do (not endorsed)	140	1866	100 &c.	1,180,600	7	A. & O.	do do	Jan. 1, 1890
Special loan, funding mortgage	....	1871	100 &c.	217,400	8	J. & J.	do do	1880
<i>Wabash</i> —Stock	649	....	....	16,000,000	....	....	....	....
1st mortgage (Toledo & Illinois)	75	1853	1,000	900,000	7	F. & A.	N. Y., Metropolitan B'k.	Aug. 1, 1890
1st mortgage (Lake Erie, Wabash & St. Louis)	167	1853	1,000	2,500,000	7	F. & A.	do do	Aug. 1, 1890
1st mortgage (Great Western of 1859)	180	1863	1,000	2,495,000	7	F. & A.	do do	Aug., 1888
1st mortgage (Quincy & Toledo)	33	1865	1,000	500,000	7	M. & N.	do do	Nov. 1, 1890
1st mortgage (Illinois & Southern Iowa)	29	1862	1,000	300,000	7	F. & A.	do do	Aug. 1, 1882
2d mortgage (Toledo & Wabash)	75	1858	250 &c.	1,000,000	7	M. & N.	do do	Nov. 1, 1878
2d mortgage (Wabash & Western)	167	1858	100 &c.	1,500,000	7	M. & N.	do do	Nov. 1, 1878
2d mortgage (Great Western of 1859)	180	1859	1,000	2,500,000	7	M. & N.	do do	May 1, 1893
Consol. mort., (on all but Decatur & E. St. L.)	490	1867	1,000	2,610,000	7	Q.-F.	do do	Feb., 1907
1st mortgage, (Decatur & East St. Louis)	109	1869	1,000	2,700,000	7	F. & A.	do do	Aug., 1889
Funded debt bonds (secured by deposit of coups.)	....	1877	500 &c.	2,893,000	4 & 7	F. & A.	do do	Feb. 1, 1907
New mort., gold (\$2,000,000), s.f. \$25,000 after '82	....	1879	1,000	1,000,000	7 g.	A. & O.	do do	April 1, 1909
<i>Warren (N.J.)</i> —Stock	18	1855	100	1,800,000	3 1/2	A. & O.	N.Y., Del., L. & W. RR.	April, 1879
2d mortgage	18	1870	....	750,000	7	A. & O.	do do	1900
1st consol. mortgage	18	1875	....	600,000	7	M. & S.	do do	1905
<i>Washington City, Va. Mid. & Gt. Southern</i> —Stock	310	1871	100	2,692,539	....	....	....	....
1st mortgage, O. & A., and funded interest	....	....	....	523,070	6	M. & N.	Balt., R. Garrett & Sons	Nov. 1, 1866
2d mortgage, O. & A., do do	....	1855	....	1,657,652	6	J. & J.	do do	Jan. 1, 1875
3d mortgage, O. & A., do do	....	1858	....	317,800	8	M. & N.	do do	May 1, 1873
4th mortgage, O. & A., do do	....	1860	....	1,200,000	8	M. & S.	do do	Sept. 1, 1880
*1st mortgage, O. A. & M. RR.	....	1867	....	1,650,000	7	J. & J.	do do	July 1, 1880
2d mortgage, O. A. & M. RR.	....	....	....	133,050	7	J. & J.	do do	July 1, 1882
Gen. mort., gold, Wash. C., Va. Mid. & Gt. South'n	336	1873	....	1,000,000	7 g.	M. & N.	do do	May 1, 1903
Lynchburg & Danville, 1st mort., guar., coup	65 1/2	1871	500 &c.	1,310,000	6	A. & O.	do do	April 1, 1896
<i>Westchester & Philadelphia</i> —Preferred stock	....	....	....	821,300	3	J. & J.	Philadelphia, Office.	July, 1879
1st mortgage, new	27	1871	100 &c.	1,100,000	7	A. & O.	do do	April 1, 1891
<i>West Jersey</i> —Stock	128	....	50	1,359,750	3	F. & A.	Phila., Pa. RR. Co. Office	Aug. 15, 1877
Loan of 1883, guaranteed by Camden & Amboy	60	1861	500 &c.	400,000	6	M. & S.	do do	Mch., 1883
1st mortgage loan	38	1866	500 &c.	1,000,000	6	J. & J.	do do	Jan., 1896
1st do consolidated	63	1869	500 &c.	1,000,000	7	A. & O.	do do	Oct., 1890
Cape May & Millville	41	....	....	500,000	7	....	....	....
<i>Western & Atlantic (Ga)</i> —Income bonds	138	1873	1,000	782,000	10	Q.-J.	Atlanta, Co.'s Office.	Oct. '79 to '91
<i>Western (Ala.)</i> —1st mortgage (Mont. & W. P.)	116	1866	....	300,000	8	J. & J.	New York & Savannah.	July, 1881
Western RR. bonds, before consolidation	44	1868	....	600,000	8	A. & O.	do do	Oct. 1, 1888
2d mort., guar. by Cent. of Ga. and Ga. RR. & B. Co.	160	1870	....	1,200,000	8	A. & O.	do do	Oct. 1, 1890
<i>Western Maryland</i> —1st mort., endorsed Balt. City	90	1858	....	200,000	6	J. & J.	Balt., N. Mechanics' B'k	Jan. 1, 1890
1st mortgage, unendorsed	90	....	....	400,000	6	J. & J.	do do	Jan. 1, 1890
2d do endorsed by Baltimore	90	1867	....	300,000	6	J. & J.	do do	Jan., 1890
2d do endorsed by Washington County	90	....	....	300,000	6	J. & J.	Hagerstown.	Jan., 1890
2d preferred mortgage, unendorsed	90	1868	....	600,000	6	J. & J.	Balt., N. Mechanics' B'k	Jan., 1895
3d mortgage, guaranteed by Baltimore	90	1870	1,000	875,000	6	J. & J.	do do	Jan., 1900
4th do for Baltimore City stock	90	1872	....	1,000,000	6	J. & J.	do do	Jan., 1902
<i>Western Pennsylvania</i> —1st mortgage	57	1863	500 &c.	800,000	6	A. & O.	Philadelphia, Office.	April 1, 1893
1st mortgage, Pittsburg Branch	28	1865	100 &c.	1,000,000	6	J. & J.	do do	Jan. 1, 1896
General mortgage	....	....	....	1,200,000	7	A. & O.	do do	Oct. 1, 1901
<i>Williamston & Tarboro</i> —1st mortgage	4	1870	....	350,000	8	M. & N.	New York, J. M. Pickrell	May 1, 1900
<i>Wilmington, Columbia & Augusta</i> —1st mortgage	188	1870	500 &c.	3,200,000	7	J. & D.	Balt., Safe Deposit Co.	June, 1900
Income bonds	....	....	....	600,000	....	....	....	....
<i>Wilmington & Weldon</i> —Stock	179	....	100	1,456,200	3	J. & D.	....	Nov. 30, 1878
Sterling bonds	179	....	....	618,700	6 g.	J. & J.	London.	1881
do do	....	....	....	221,400	7 g.	M. & N.	do	1886
Sinking fund bonds, gold	....	....	....	749,000	7 g.	J. & J.	N.Y., Bost., Lond., Frank	1896
<i>Wisconsin Central</i> —1st mortgage, gold, land grant	327	1871	....	8,168,000	7 g.	J. & J.	Boston, Office.	July 1, 1901
<i>Worcester & Nashua</i> —Stock	94	....	100	1,789,800	2	J. & J.	Worcester, Office.	July 1, 1876
Bonds (\$125,000 are 7 per cents)	....	....	....	350,000	6 & 7	Various	do do	1881 & 1887
Bonds	....	1873	....	250,000	7	A. & O.	Bost., Globe Nat. Bank.	April 1, 1893
Bonds	....	1875	....	400,000	7	F. & A.	do do	Feb. 1, 1895
<i>Nashua & Rochester</i> —Stock	48	....	....	1,185,000	1 1/2	A. & O.	Worcester, Office.	April, 1879
do do 1st m., guar. (for \$700,000)	48	1874	500 &c.	700,000	6	A. & O.	Bost., Globe Nat. Bank.	April 1, 1894

Utica Chenango & Susquehanna Valley.—Road is leased to Del. Lack. & West. Railroad at 6 per cent per annum on stock.

Valley (Va.).—This road was built chiefly by subscription of Balt. & Ohio RR., Baltimore city, and Virginia counties. Operation of the road by Baltimore & Ohio was discontinued, and temporary lease made to Shenandoah Valley Railroad. (V. 20, p. 16, 453; V. 21, p. 396; V. 22, p. 463, 559, 591, 607.)

Vermont & Canada.—Under lease to Vermont Central. (V. 24, p. 421, 566; V. 25, p. 476, 641.)

Vermont Central.—In 1872 the Company went to default on interest, and has since been in numerous complications. A new corporation under the name of Central Vermont was formed, with \$2,000,000 paid-up capital, and assumed obligations of the old Vermont Central. Foreclosure pending on 2d mortgage. (V. 22, p. 110, 599; V. 23, p. 40, 370, 623; V. 24, p. 413, 566; V. 25, p. 431.)

Vermont & Massachusetts.—This road is leased to the Fitchburg RR. Co. for 999 years, from Jan. 1, 1874, for interest on the debt and 5 per cent on stock till 1880, and 6 per cent for the remainder of the lease, exclusive of all taxes.

Vicksburg & Meridian.—Net earnings 1877-8, \$123,364. The only coupons paid since April, 1876, were those maturing Jan., 1878, and the special loan coupons of Jan., 1877. (V. 27, p. 67.)

Wabash.—To be consolidated with St. Louis Kan. City & Northern. There is a debt of \$560,000 due the Equipment Company, payable \$56,000 per year. The "Seney" mort. was for \$1,000,000, payable \$200,000 per year. Of the funded debt bonds, \$2,025,000 carry 5 per cent in 1879-80 and 6 per cent thereafter; the balance are 7 per cents. Operations for 1873 showed \$4,998,371 gross earnings, and net earnings of \$1,523,423. The company gives no balance sheet in its annual report, the

actual financial status being thus unknown. (V. 26, p. 215, 445, 471, 496, 524, 549, 592, 626; V. 27, p. 17, 63, 437, 515, 540, 563; V. 28, p. 200, 221, 350, 354, 402, 429, 495, 554, 600, 617; V. 29, p. 19, 32.)

Warren (N.J.).—Leased to Delaware, Lackawanna & Western at 7 per cent on stock and bonds. Net earnings in 1875, \$241,056.

Washington City, Virginia Midland & Great Southern.—Gross earnings year ending Sept. 30, 1878, \$1,218,017; expenses, \$803,000; net earnings, \$415,117. The company has been assisted by Balt. & O. The president, Mr. John S. Barbour, was appointed receiver in July, 1876. Interest in default, but receiver ordered to make certain payments. Full statement of liabilities and condition of litigation in V. 28, p. 70. (V. 27, p. 332, 437; V. 28, p. 70, 147, 555; V. 29, p. 19, 68.)

Westchester & Philadelphia.—Gross earnings, 1876-77, \$332,274; net, \$112,964. (V. 22, p. 304; V. 24, p. 62; V. 26, p. 116.)

West Jersey.—Gross earnings, 1878, \$503,233; expenses, \$305,826; net, \$197,456. Net profit above interest and rentals, \$6,241. (V. 24, p. 249; V. 26, p. 263.)

Western & Atlantic.—This road is owned by State of Georgia, and leased at \$300,000 per annum. Lessees have issued the income bonds. (V. 22, p. 136.)

Western Alabama.—Sold in foreclosure, April 19, 1875, and bought by Central Ga. and Georgia Railroads, for whose account it is operated. (V. 20, p. 398, 405, 445; V. 25, p. 456.)

Western Maryland.—This company was largely assisted by the city of Baltimore, which has also bought its overdue coupons. Proposition to bondholders, V. 28, p. 121. Annual report for last fiscal year, to September 30 1878, showed gross receipts,

\$347,201; expenses, \$217,275; net receipts, \$129,926. (V. 26, p. 84, 471; V. 27, p. 406, 678; V. 23, p. 9, 121, 141, 454.)

Western Pennsylvania.—The Pennsylvania RR., lessee, owns \$972,650 stock out of the total amount of \$1,022,450, \$148,000 of branch bonds, and all of \$1,200,000 general mortgage bonds; net earnings 1876, \$225,498. (V. 22, p. 206.)

Williamston & Tarboro.—Road in progress. No recent financial information.

Wilmington Columbia & Augusta.—In 1875-6 earnings were \$116,633 net. There are certificates of indebtedness for \$336,000. (V. 22, p. 15; V. 26, p. 368, 393; V. 27, p. 68, 438.) Decree of foreclosure made June, 1879.

Wilmington & Weldon.—Formerly leased to Wilmington, Columbia & Augusta road, but in Dec. 1877, default was made by lessee and property reverted. In 1877-8 gross receipts were \$487,815; net, \$175,645. (V. 26, p. 68, 420, 496; V. 28, p. 44, 144.)

Wisconsin Central.—Of the above bonds, \$1,360,000 are "unfunded," bearing coupons of July, 1875, and since; \$3,579,000 have funded nine coupons, including July, 1879; \$3,214,000 are "clipped" bonds, first coupon due Jan., 1881; \$15,000 are partially "clipped" bonds, issued by mistake, with coupon of July, 1880, on. In year ending Sept. 30, 1876, net earnings, \$297,733. Paid rent of Mil. & Northern RR., leased, \$167,404. Land grant is over 800,000 acres. The Philips & Colby Construction Company operating this road became embarrassed in Dec. 1877. Foreclosure suit begun September, 1878. Trustees took possession Jan., 1879. (V. 26, p. 18; V. 27, p. 358, 375, 480; V. 28, p. 18, 70.)

Worcester & Nashua.—Guarantees the stock and bonds of Nashua & Rochester, leased. Interest to be reduced to 5 per cent. For year ending September 30, 1878, net income was \$33,060. (V. 25, p. 430; V. 27, p. 557; V. 28, p. 378.)

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Miles of Canal.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due.	Stocks—Last Dividend.
					Rate per Cent.	When Payable	Where Payable, and by Whom.		
For explanation of column headings, &c., see notes at the head of first page of tables.									
<i>Chesapeake & Delaware</i> —Stock.....	14	.....	\$50	\$2,078,038	3	J. & D.	Philadelphia, Office.	June, 1873	
1st mortgage (originally \$2,800,000).....	14	1856	Vario's	1,993,750	6	J. & J.	do do	July, 1886	
<i>Chesapeake & Ohio</i> —Stock.....	.....	.....	25	8,229,594	.....	.....	.....	.....	.....
Maryland loan, sinking fund.....	.....	.....	.....	2,000,000	6	Q-J.	Balt., A. Brown & Sons.	1870	
Guaranteed sterling loan.....	.....	.....	.....	4,375,000	5	Q-J.	London..	1890	
Bonds having next preference.....	.....	.....	.....	1,699,500	6	J. & J.	Balt., A. Brown & Sons.	1885	
<i>Delaware Division</i> —Stock, (Conv. into L.C.&N.stck.)	60	.....	50	1,633,350	2s.	F. & A.	Philadelphia, Office.	Feb. 4, 1879	
1st mortgage (extended 20 years in 1878).....	60	1858	1,000	800,000	6	J. & J.	do do	July 1, 1898	
<i>Delaware & Hudson</i> —Stock.....	148	.....	100	20,000,000	4	F. & A.	N. Y., Bk. of Commerce.	Aug. 1, 1876	
1st mortgage extended.....	.....	.....	.....	1,482,000	7	M. & N.	do do	Nov. 1, 1891	
1st mortgage, registered.....	148	1869	1,000	3,500,000	7	J. & J.	do do	1884	
do do.....	148	1871	1,000	6,482,000	7	J. & J.	do do	1891	
Debenture loan of 1894, coup and reg.....	.....	1874	1,000	4,856,000	7	A. & O.	N. Y., office 71 B'way.	1894	
1st M., coup. & reg., on Penn. Div. (\$10,000,000)	.....	1877	1000&c.	5,000,000	7	M. & S.	do do	Sept. 1, 1917	
<i>Lehigh Coal & Navigation</i> —Stock.....	153	.....	50	11,193,550	1½	Q-M.	Philadelphia, Office.	Sept. 2, 1876	
Loan, conv., coup., gold (assumed L. & W. Coal Co)	.....	.....	1,000	771,000	6 g.	M. & S.	do do	1894	
1st mortgage, registered.....	.....	.....	1,000	5,381,963	6 g.	Q-J.	do do	1884	
1st mortgage, registered, railroad.....	.....	.....	1,000	2,000,000	6	Q-F.	do do	1897	
Mort. loan, g. (\$2,310,000 assumed C. RR. of N. J.)	.....	.....	1,000	4,658,500	6 g.	J. & D.	do do	1897	
Loan.....	.....	.....	1,000	508,520	6	J. & D.	do do	'79-80-'81-'82	
Loan extension, convertible till December, 1877.	.....	1872	1,000	41,550	6	J. & D.	do do	1882	
Consolidated mortgage loan.....	.....	1871	.....	2,119,259	7	J. & D.	do do	June 1, 1911	
Greenwood mortgage, reg. Extended, 1877.....	.....	1872	.....	717,000	7	F. & A.	do do	1892	
<i>Monongahela Navigation Co.</i> —Stock.....	83	.....	50	1,004,300	4	J. & J.	Pittsburg, Office.	(?)	
<i>Morris</i> —Stock, consolidated.....	103	.....	100	1,025,000	2	F. & A.	Leh. Val. RR. Co., Phila.	Feb. 4, 1879	
Preferred stock.....	103	.....	100	1,175,000	5	F. & A.	do do	Feb. 4, 1879	
New mortgage (for \$1,000,000).....	103	1876	1,000	780,000	7	A. & O.	do do	April 1, 1906	
Boat loan.....	103	1865	various.	220,000	7	A. & O.	do do	Oct., 1885	
Preferred stock scrip dividend.....	.....	1869	various.	103,164	7	F. & A.	do do	Feb., 1889	
<i>Pennsylvania</i> —Stock.....	327	.....	50	4,480,405	.....	.....	Philadelphia, Office.	July, 1910	
General mortg., interest guar'd by Penn. RR.....	327	1870	1,000	3,000,000	6	J. & J.	Philadelphia, Office.	Aug. 6, 1879	
<i>Schuylkill Navigation</i> —Stock, common.....	108	.....	50	909,236	70c.	F. & A.	do do	Aug. 6, 1879	
Preferred stock.....	.....	.....	50	3,175,900	\$1 40	F. & A.	do do	March, 1897	
1st mortgage, extended.....	.....	.....	1,000	1,709,380	6	Q-M.	do do	1882 to 1907	
2d mortgage.....	.....	.....	1,000	3,990,392	6	J. & J.	do do	1895	
Mortgage bonds, coup. (payable by P. & R.).....	.....	.....	.....	1,200,000	6	J. & J.	do do	May, 1880	
Improvement bonds.....	.....	1870	1,000	260,000	6	M. & N.	do do	May, 1913	
Boat and car loan.....	.....	1863	1,000	756,650	6	M. & N.	do do	May, 1915	
Boat and car loan.....	.....	1864	1,000	628,100	7	M. & N.	do do		
<i>Susquehanna</i> —Stock.....	45	.....	50	2,002,746	.....	.....	Phila. and Baltimore.	Jan., 1885	
Maryland loan, 2d mortgage.....	.....	1839	.....	1,000,000	6	J. & J.	do do	Jan. 1, 1878	
Susquehanna Canal, common bonds, 3d mort.....	.....	1859	.....	1,320,000	6	J. & J.	do do	Jan., 1894	
do pref., 3d. T. W. priority b'ds.....	.....	1841-4	.....	325,310	6	J. & J.	do do	Jan., 1902	
do bonds of 1872.....	.....	1872	.....	250,000	7	J. & J.	do do	May 1, 1883	
<i>Union</i> —1st mortgage.....	85	.....	.....	3,000,000	6	M. & N.	Philadelphia, Office.		

Chesapeake & Delaware.—Delaware City to Chesapeake City, Md. (V. 27, p. 66.)

Chesapeake & Ohio.—Gross receipts, 1873, \$289,457; net, \$82,525. (V. 28, p. 599.)

Delaware Div.—Leased to Lehigh Coal & Navigation Co., at interest on bonds, and 4 per cent a year on stock, payable till Feb., 1880, inclusive, in scrip, then till Aug., 1881, half in scrip. (V. 28, p. 41, 198.)

Del. & Hudson Canal.—This Co., which is among the largest miners and carriers of coal, leases the Alb. & Susq. and Renss. & Sar. Railroads. Also endorses bonds of N. Y. & Canada RR. Annual report, 1878, V. 28, p. 501. (V. 26, p. 208, 242, 495, 564, 574, 599; V. 27, p. 602, 628; V. 28, p. 43, 501.)

Lehigh Coal & Navigation.—Gross receipts in 1878, \$969,252; expenses and int., \$1,325,113; excess of the latter, \$355,860. The Central R.R. of N. J. assumes (in purchase of equipment), \$2,310,000 of the gold loan due 1897, and leases the Lehigh & Susquehanna Railroad. The Lehigh & Wilkes-Barre Coal Co. assumes \$500,000 of the gold loan due 1897, and \$771,000 (all) of the convertible gold loan due 1894, and has also leased the coal lands of the company. (V. 22, p. 279; V. 24, p. 217, 445; V. 25, p. 432; V. 28, p. 198, 224, 578.)

Monongahela Navigation Company.—Receipts, 1875, \$196,576; expenses, \$80,487; dividends, \$90,387.

Morris.—Leased April, 1871, to Lehigh Valley Railroad for 999 years. The lessees assume bonds and

scrip, and pay 10 per cent per annum on preferred stock, and 4 on consolidated stock. (V. 12, p. 714.)

Pennsylvania Canal.—Worked in interest of Penn. RR. which guarantees interest on bonds. An old mortgage of \$90,000 is due in 1887.

Schuylkill Navigation Company.—Leased from June 1, 1870, to Philadelphia & Reading for 999 years, at annual rent of \$655,000, including certain real and personal property conveyed to Philadelphia & Reading. The dividend of August, 1879, was payable in Phil. & Reading RR. scrip. (V. 22, p. 493; V. 26, p. 418.)

Susquehanna & Tide Water.—Leased and operated by Philadelphia & Reading Railroad for interest on bonds and half of net earnings.

Union Canal.—Stock, \$2,907,850.

DANIEL A. MORAN,

(MEMBER OF THE NEW YORK STOCK EXCHANGE.)

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DEALER IN

First-Class Railroad, State, City and County Bonds.

THE VARIOUS ISSUES OF

UNITED STATES GOVERNMENT BONDS

BOUGHT AND SOLD.

COUPONS AND DIVIDENDS COLLECTED, ETC.

CORRESPONDENCE SOLICITED.

Subscribers will confer a great favor by giving immediate notice of any error discovered in these Tables.

DESCRIPTION.	Date of Bonds.	Size or Par Value.	Amount outstanding.	INTEREST.			Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate.	When Pay'ble	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.							
Adams Express Company—Stock.....	.....	\$100	\$12,000,000	2	Q.—M.	N. Y., Company's Office.	June 1, 1879
American Express—Stock.....	.....	100	18,000,000	1½	J. & J.	N. Y., Company's Office.	July 1, 1879
American Coal (Maryland)—Stock.....	.....	25	1,500,000	2½	M. & S.	New York, Office.	Sept. 10, 1877
American Union Telegraph—Stock.....	.....	.....	(?)	.....	.....	.....	.....
Atlantic & Pacific Telegraph—Stock.....	.....	100	15,000,000	3½	.....	New York.	June 30, 1879
Boston Water Power.....	.....	100	4,000,000	10 s.	.....	Boston, Office.	Nov. 12, 1872
Mortgage bonds (for \$2,800,000).....	1874	1,000	1,740,000	7	J. & D.	do	June, 1884
Canton Improvement Company—Stock.....	.....	25	1,107,500	.....	.....	.....	.....
Sterling bonds (sink.f'd one-fifth of land sales)	1873	£200	575,000	6 g.	J. & J.	London, Brown, S. & Co	Jan. 1, 1904
Mortgage bonds, gold, sixes (for \$2,500,000)	1874	1,000	1,073,000	6 g.	J. & J.	New York or London.	Jan. 1, 1904
Un. R.R., 1st M., end. (s. f., rents on \$220,163)	.....	500 &c.	783,000	6	J. & J.	.....	.....
do 2d M., g., end., (s. f. gr'ndr'ts on \$144,800)	.....	500 &c.	600,000	6 g.	M. & N.	.....	.....
Consolidation Coal of Maryland—Stock.....	.....	100	10,250,000	2½	M. & S.	London.	1900
1st mortgage (convertible).....	1864	1,000	387,000	7	J. & J.	N. Y., Co.'s Office, 71 B'y.	Jan. 2, 1877
1st mortgage, consolidated, convertible.....	1872	1,000	753,000	6	J. & J.	do do	Jan., 1885
Cumberland Coal & Iron Company—Stock.....	.....	100	500,000	6	J. & J.	do do	Jan. 1, 1897
Dunleith & Dubuque Bridge—Bonds, sink. fund	1868	1,000	400,000	8	A. & O.	New York, Office.	Oct. 15, 1875
Illinois & St. Louis Bridge—1st M., new, s. f.	1878	1,000	5,000,000	7	A. & O.	N. Y., at Ill. Cent. R.R.	Nov., 1893
St. Louis Tunnel R.R.—1st mort., sterling, s. f.	1873	£200	1,000,000	9 g.	J. & J.	New York and London.	April 1, 1928
do do 2d mortgage.....	1875	.....	1,000,000	10	J. & J.	Lond., J. S. Morgan & Co.	Jan. 1, 1888
Iowa R.R. Land Co.—Stock.....	.....	100	7,620,000	1	Q.—F.	St. Louis.	.....
Mariposa Land & Mining Company—Stock.....	.....	100	10,000,000	.....	.....	Boston, Treas.' Office.	Feb. 1, 1879
Preferred stock.....	.....	100	5,000,000	.....	.....	.....	.....
Mortgage bonds (for \$500,000).....	1875	1,000	(?)	.....	.....	.....	.....
Maryland Coal—Stock.....	.....	100	4,400,000	1½	J. & J.	New York.	Jan. 1, 1886
Ontario Silver Mining—Stock.....	.....	100	10,000,000	.....	.....	.....	Jan. 31, 1876
Pacific Mail Steamship Company—Stock.....	.....	100	20,000,000	3	.....	St. Louis.	.....
Pennsylvania Coal—Stock.....	.....	50	5,000,000	3	Q.—F.	N. Y., 111 Broadway.	Sept., 1868
1st mortgage bonds.....	1861	.....	481,500	7	F. & A.	do do	Aug. 1, 1881
Pennsylvania Anthracite Coal—Stock.....	.....	1,000	2,000,000	.....	.....	.....	.....
1st mortgage (east side) bonds on 1,053 acres	1872	1,000	1,000,000	7	J. & D.	N. Y., 4th National Bk.	June 1, 1892
1st mort. (west side) on 400 acres & 550 leased	1872	1,000	500,000	7	J. & D.	.....	June 1, 1892
Producers' Consolidated L'd & Petroleum—Stock	.....	100	2,500,000	6	Q.—J.	New York, Office.	1877
Pullman Palace Car—Stock.....	.....	100	5,938,200	2	Q.—F.	N. Y., Farm L. & T. Co.	May 15, 1879
Bonds, 2d series.....	.....	.....	298,000	8	M. & N.	do do	May 15, 1881
Bonds, 3d series.....	.....	.....	432,000	8	F. & A.	do do	Feb. 15, 1887
Bonds, 4th series.....	.....	.....	816,000	8	Q.—F.	do do	Aug. 15, 1892
Bonds, debenture.....	1878	.....	1,000,000	7	A. & O.	do do	Oct. 15, 1889
Bonds, sterling debenture, convertible.....	1875	£100	218,000	7 g.	A. & O.	London, J. S. Morgan & Co.	April 1, 1885
Quicksilver Mining Company—Common stock..	.....	100	5,708,700	.....	.....	.....	.....
Preferred stock.....	.....	100	4,291,300	.....	.....	.....	.....
Southern & Atlantic Tel.—Guaranteed stock.....	.....	25	948,000	2½	A. & O.	N. Y., West. Union Tel.	April, 1879
Spr'g Mountain Coal—Stock, guar. 7 p.c. by L. V.	.....	50	1,500,000	3½	J. & D.	N. Y., Company's Office.	June 10, 1879
Sutro Tunnel—Stock.....	.....	10	18,920,000	.....	.....	.....	.....
Mortgage bonds (for \$2,000,000).....	1879	.....	600,000	.....	.....	.....	.....
United States Express—Stock.....	.....	100	7,000,000	1	.....	London.	Jan. 1, 1891
United States Rolling Stock—Stock.....	.....	.....	5,000,000	2	M. & S.	New York, Office.	May 15, 1879
Wells, Fargo & Company Express—Stock.....	.....	100	5,000,000	4	J. & J.	New York and London.	Mar. 1, 1879
Western Union Telegraph—Stock.....	.....	100	41,050,000	17s & 13½	Q.—J.	New York, Office.	July 15, 1879
Real estate bonds, gold, sinking fund.....	1872	1,000	1,373,000	7 g.	M. & N.	N. Y., Union Trust Co.	July 15, 1879
Bonds, coup. or reg., conv. till May '85, s. f. 1 p.c.	1875	1,000	3,920,000	7	M. & N.	N. Y., Treasurer's Office	May, 1902
Sterling bonds, coup. (s. f. 1 p.c. per annum)...	1875	£100 &c	981,234	6 g.	M. & S.	London, Morton, R. & Co	May, 1900

Adams Express Company.—A reference to the list of Dinsmore and others in V. 19, p. 270.

American Coal.—The report for 1876 showed gross receipts, \$531,333; net, \$25,399. (V. 22, p. 180; V. 24, p. 248.)

American Union Telegraph Co.—V. 29, p. 17.

Atlantic & Pacific Telegraph.—Pools with Western Union their gross receipts on the basis of 87½ to the W.U. and 12½ per cent to A. & P. Expenses were arranged at 13¼ per cent to Atl. & Pac. and 86-85½ to Western Union. (V. 26, p. 314, 436, 469, 521; V. 27, p. 280, 627; V. 28, p. 452.)

Boston Water Power Co.—Annual report in V. 24, p. 396. (V. 23, p. 183; V. 24, p. 111, 396; V. 27, p. 121.)

Canton Improvement Co.—The annual report for year ending May 31, 1879, is in V. 29, p. 65. Of the \$2,500,000 mortgage \$600,000 is reserved to pay sterling loan. The Company owns the stock of the Union Railroad Company and guarantees its bonds. (V. 27, p. 14; V. 29, p. 65.)

Consolidation Coal.—Annual report for 1878 in V. 28, p. 311, showing gross receipts, \$1,563,608; expenses, \$1,299,283; net, \$264,325. Consol. mortgage bonds are held to retire old bonds. Guarantees also bonds of the Cumberland & Penn., and assumes \$135,000 Un. Mining Co. bonds. (V. 26, p. 262; V. 28, p. 301.)

Illinois & St. Louis Bridge.—Net income, 1876-77, \$219,777; in 1877-78, \$219,593. The railroad and tunnel were sold under the mortgage of 1873, July 1, 1878, for \$450,000. Foreclosure under the first and second mortgages on the Bridge was made Dec. 20, 1878. The above mortgage and \$7,990,000 in stock are to be issued under the re-organization. Of the stock \$2,490,000 is first preferred, \$3,000,000 2d pref., and \$2,500,000 common. The coupons due Oct., '78, '79 and '81 on 1st mort. bonds to be paid in same bonds, April, 1881. (V. 23, p. 420, 521; V. 27, p. 17, 227, 435, 461, 617; V. 23, p. 231.)

Iowa Railroad Land Co.—This company manages the land grants of five distinct organizations. The total land owned was 530,217 acres, March 31, 1877. In 1876-7, 84,032 acres were sold for \$576,816, and 601 town lots for \$62,932. The cash collections were \$772,665, and dividends 4½ per cent. (V. 25, p. 549.)

Mariposa Land & Mining Co.—Assessments made on the shares from time to time. (V. 23, p. 112, 329; V. 24, p. 128; V. 25, p. 358; V. 25, p. 290.)

Maryland Coal.—Balance sheet, V. 24, p. 226; V. 26, p. 95.

Pacific Mail Steamship Co.—Report for 1878-9, V. 28, p. 552. (V. 26, p. 217, 523, 547, 625, 651; V. 27, p. 68, 229, 384, 623, 653; V. 28, p. 42, 97, 402, 552, 554, 550.)

Pennsylvania Coal.—Liabilities at a minimum and dividends are paid.

Pennsylvania Anthracite Coal.—Stock and bonds admitted to N. Y. Stock Board Feb., 1877. Company failed February, 1879. (V. 24, p. 112.)

Pullman Palace Car Company.—The sterling bonds of 1875, of which the whole issue authorized is \$1,000,000, are convertible into stock from April 1, 1878, to April 1, 1881. (V. 23, p. 402; V. 25, p. 308; V. 26, p. 217; V. 27, p. 302; V. 28, p. 200.)

Quicksilver Mining Company.—Bonds paid off July, 1879. (V. 22, p. 233, 303; V. 24, p. 507; V. 25, p. 15, 358; V. 27, p. 223.)

Spring Mountain Coal Company.—This is guaranteed 7 per cent per year till 1885 by Lehigh Valley RR.

Sutro Tunnel.—Tunnel on Comstock Lode for facilitating mining operations. (V. 27, p. 529; V. 28, p. 147, 224, 302.)

United States Express.—New stock of \$1,000,000 issued. (V. 22, p. 159; V. 23, p. 87.)

United States Rolling Stock Co.—See reports V. 26, p. 289; V. 28, p. 145.

Wells, Fargo & Co.—An increase in capital to \$6,250,000 is proposed. (V. 23, p. 13.)

Western Union Telegraph.—The company divided 17 per cent in stock to the stockholders of record June 20, 1879, making the total stock as above. (V. 26, p. 135, 266, 304, 592, 626; V. 27, p. 274, 381, 454, 568, 629, 663; V. 23, p. 277, 592.)

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QUOTATIONS ARE AS FOLLOWS, JULY 24:

	Bid.	Ask.		Bid.	Ask.		Bid.	Ask.
State Securities.			Petersburg, Va.—6s.....	98	101	Mobile & Ohio—1st, 6s.....	84	85
Alabama—New consols, A.....	47	.....	8s.....	108	110	Debentures.....	33	35
New consols, 5s. B.....	73	75	Richmond, Va.—6s.....	106	107	New Orleans Jackson & Gt. No.—1st, 8s,	109	111
do C.....	54	56	8s.....	120	.....	2d, 8s.....	104	106
Arkansas—6s, funded.....	5	.....	Savannah, Ga.—7s, old.....	.....	.....	New Orleans & Mobile—1st, 8s.....	.....	.....
7s, railroads.....	.....	.....	7s, new.....	.....	.....	1st, 7s.....	.....	.....
7s, levees.....	.....	.....	Vicksburg City.....	.....	.....	Norfolk & Petersburg—1st, 8s.....	106	.....
Georgia—6s, 1879-80-86.....	102	103	Wilmington, N. C.—6s, gold, coupon on	.....	.....	1st, 7s.....	100	.....
7s, new, 1886.....	110	.....	8s, gold, coupon on.....	.....	.....	2d, 8s.....	101	.....
7s, endorsed, 1886.....	110	.....	Railroad Bonds.			Northern Pacific, new preferred stock...	.....	.....
7s, gold, 1890.....	110	.....	Alabama & Chattanooga, 1st, 8s.....	.....	.....	Ohio & Mississippi—1st, 7s.....	.....	.....
Louisiana—Consol., 7s, 1914.....	27	33	Atlanta & Charlotte Air L.—1st pref., 7s	.....	.....	2d 7s.....	.....	.....
Consol, 7s, small.....	.....	.....	1st, 7s.....	47	50	Orange & Alexandria—1st, 6s.....	M&N	98
North Carolina—6s, old, 1895-98.....	J&J	24½	Atlantic & Gulf—Consols, 1st, 7s, 1897.....	.....	.....	2d, 6s.....	J&J	96
6s, old, 1886-98.....	A&O	24½	Consols, 1st, 7s, 1897, end. by Savannah	30	40	3d, 8s.....	M&N	62
No. Carolina RR., 1893-4-5.....	J&J	108	Atlantic Tennessee & Ohio, 1st, 8s, gold	.....	.....	4th, 8s.....	M&N	31
do do.....	A&O	108	Baltimore & Ohio—Stock.....	M&N	116	Orange Alexandria & Man., 7s.....	J&J	67
do do coup. off. J&J.....	88	.....	6s, 1880.....	J&J	104	Petersburg RR.—1st, 8s, 1879-93.....	J&J	115
do do do A&O.....	88	.....	6s, 1885.....	A&O	109	2d, 8s, 1902.....	J&J	.....
South Carolina—Consol., 6s, approved.....	.....	.....	Burlington C. R. & N., 1st, 5s, 1906.....	J&D	78½	Pittsburg & Connellsv.—1st, 7s, '98.....	J&J	108
Consol., 6s, doubtful.....	.....	.....	Carolina Central, 1st, 6s, gold, 1923.....	J&J	.....	Consol., 6s, gold, 1916.....	M&N	.....
Tennessee—6s, old, 1890-2-8.....	31	35	Central Georgia, consol. mortgage, 7s.....	.....	.....	Piedmont RR., 1st, 8s.....	.....	108
6s, new, 1892-93-1900.....	31½	32½	Chic. Columbia & Aug.—1st, consols, 7s	95	97	Richmond Fredericksb. & Pot.—6s.....	J&J	.....
6s, new, series, 1914.....	31½	32½	2d mortgage.....	72	75	7s.....	J&J	.....
Virginia—6s, old.....	28	30	Chesapeake & Ohio, 1st 6s.....	.....	.....	Richmond & Danville, 1st, 6s.....	M&N	96½
6s, new, 1866.....	20	32	Chic. St. L. & N. Orleans 1st consol. 7s..	96	98	Richmond & Petersburg, 1st, 8s.....	.....	106
do 1867.....	20	32	2d mortgage 6s.....	.....	.....	Savannah & Charleston, 1st, 7s.....	.....	.....
6s, consol.....	78½	.....	Denver & Rio Grande, 1st, 7s.....	90½	91	Savannah & Memphis—1st, 8s.....	.....	.....
ex-matured coupon.....	54	58	East Tennessee & Georgia, 6s.....	90	.....	1st, 7s.....	.....	.....
6s, consol, 2d series.....	37	39	East Tennessee & Virginia, 6s, endorsed	95	100	South Carolina RR., 1st, 7s.....	.....	99
6s, deferred.....	.....	6½	East Tennessee Virginia & Ga., 1st, 7s	100	.....	South Georgia & Florida—1st, 7s.....	M&N	.....
District of Columbia—3-6's, 1924.....	88	88½	Georgia RR.—7s.....	.....	.....	2d, 7s.....	M&N	.....
Small bonds.....	.....	.....	Greenville & Columbia—1st, 7s.....	.....	.....	South Side, Va.—1st, 8s, 1884-90.....	J&J	106
Registered.....	86½	87	7s, guaranteed.....	45	50	2d, 6s, 1884-90.....	J&J	83
City Bonds.			Houston & Texas Central, 1st, 7s, g. J&J	104	106	2d, 6s, 1834-90.....	J&J	85
Atlanta, Ga., 7s.....	99	102	Iowa Falls & Sioux City, 1st, 7s.....	.....	.....	Virginia & Tennessee, 6s.....	.....	95
Augusta, Ga., 7s, various.....	107	110	Louisville & Nashville—Consol., 1st, 7s.	.....	.....	8s.....	.....	105
Charleston, S. C., 7s.....	65	75	Consol., 2d, 7s, gold.....	.....	.....	Western N. C., 1st, 7s.....	.....	95
Columbus, Ga., 7s.....	.....	.....	Marietta & Cincinnati—1st, 7s, '92.....	F&A	94	Wilmington Col. & Aug., 1st, 7s.....	J&D	.....
Lynchburg City, Va., 8s.....	.....	.....	2d, 8s.....	A&O	18	Miscellaneous Bonds.		
Macon, Ga., 7s.....	60	70	Memphis & Charleston—1st, 7s, '80.....	M&N	99	James River & Kanawha Canal—1st, 6s.	.....	.....
Memphis, Tenn.—6s, 1900.....	.....	.....	2d, 7s, 18:5.....	J&J	75	2d, 6s.....	.....	.....
Gold, 6s, 1900.....	.....	.....	Stock.....	5½	7	Mississippi Levee, 10 per cent bonds.....	.....	.....
Mobile, Ala.—6s.....	20	26	Memphis & L. Rock, 1st M., 1907.....	40	45	Past-Due Coupons.		
Se, coupon on.....	10	10	Mississippi Central—1st, 7s.....	101	104	Tennessee State coupons.....	.....	.....
New Orleans, La.—5s, premium.....	24	26	2d, 8s.....	102	105	Virginia pealer coupons.....	13	17
Consol., 1892.....	30	32	Mississippi & Tennessee—1st, 8s, A.....	113	115	Virginia tax-receivable coupons.....	79	80
Norfolk, Va., 6s.....	100	102	1st, 8s, B.....	92½	95			