

Investors' Supplement

OF THE
COMMERCIAL AND FINANCIAL CHRONICLE.

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INVESTORS' SUPPLEMENT

OF THE

Commercial and Financial Chronicle.

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

It is furnished without extra charge to all regular subscribers of THE CHRONICLE; no single copies are sold at the office, as a sufficient supply is printed for subscribers only. One number of the SUPPLEMENT is bound up with the FINANCIAL REVIEW (Annual) for 1878.

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INVESTMENTS IN NOVEMBER.

For an Autumn month, the demand for investments in November was rather active. The result of the general elections held on the 5th of the month was unquestionably wholesome—and this may be said without any leaning to one political party or the other, but simply as regards the financial issues involved, and on these it is well known that neither party is a unit, for hard money or against it. But the result of the elections was generally accepted as a defeat of the greenback and silver inflationist element, and just so far as the prospects for a genuine return to specie payments was increased, to that extent the standing of American investments, whether the securities of the general government, or of states, cities, and corporations, was materially improved.

The demand for United States bonds considerably increased, and prices became so much firmer in London that little or no margin was left for export of bonds to this country. The home demand for bonds has been good, and enough 4 per cents were taken to enable the Treasury to make another call for \$5,000,000 fifties.

In state and city bonds there have been no prominent transactions. Some of the southern state bonds, principally Georgia and Alabama issues, have sold at higher prices than they had previously reached; while Tennessee bonds declined to the lowest figures yet touched in the present depression which has followed upon the development of the repudiation sentiment in the last-named state.

By far the most active business in investments has been in railroad bonds, and seldom at this time of year has there been so much buying in this class of securities. It appears that there is a pretty general feeling among investors and capitalists that railroads have seen their time of greatest depression, and as we remarked in the introduction to our tables of the "VALUE OF RAILROAD SECURITIES," it is assumed "that roads which during the recent unfavorable years have earned twenty-five per

cent more than sufficient to pay all their interest, will not be likely hereafter to earn less than enough to pay the same." It is also in favor of the railroads that they have made their earnings of the past three years on a low basis of charges, for if that were not the case and a large decline in freight and passenger rates was still to be looked for, the recent prosperity of railroads would be hollow and unsubstantial. In the last number of the INVESTORS' SUPPLEMENT, issued October 26, a list was given of railroad bonds from which buyers might select a good purchase with the assistance of a well-informed and disinterested broker. Many of the bonds in that list have since advanced 3 or 4 per cent or more, but even at the higher prices the interest received on the purchase prices is quite high enough to attract buyers.

The decision of Secretary Schurz in the Dudymont case, affecting the title to Pacific railroad lands, has necessarily put a check, not only on the sales of those lands, but of all railroad and public lands at the West. This results from the fact that parties intending to purchase lands in any locality will not buy at a much higher price when there is a possibility that all the lands of the Pacific railroads may be thrown open to purchase at \$1 25 per acre. It is exceedingly desirable that the question, now pending on appeal to the Supreme Court of the United States, should be passed on at the earliest day possible.

There is little doing, so far as we hear, in loans on western real estate, and choice investments are lacking purchasers by reason of the unsettled feeling which has been produced by the laws of Congress and the greenback and silver agitation. It is worth while suggesting to the loan agents in western states that they urge upon their clients the offering of gold mortgages on their real estate, the bonds being specifically payable in gold coin. There can be no objection to this now, as gold is virtually at par, the farmer receives his loan in gold and agrees to repay it in the same coin, and it is well known that wheat and other staple farm products must ever be measured by the prices in Liverpool, Bremen, &c., so that the ability of the borrower to pay interest will not decline with any inflation of currency. The issue of gold mortgage loans at a moderate rate of interest, say 7 per cent, is a suggestion worthy of the consideration of western loan brokers. There has undoubtedly been some money lost in western mortgage loans, but the statement of the Connecticut insurance companies, which furnished the most definite and precise information which has been obtained on the subject, made, upon the whole, a very good exhibit. The loans should unquestionably be made with great care, and in no case should money be placed unless the borrower could, in all probability, carry his interest for one year, in case of a failure of crops.

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 Stocks and Bonds are quoted weekly in the CHRONICLE.

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. For explanations see notes above.	Date of Bonds.	Size or par Value.	Amount Outstanding	INTEREST.			Principal—When Due.
				Rate.	When Payable	Where Payable and by Whom.	
Alabama—Substitution bonds (A) (\$7,000,000)	1876	\$100&c.	\$6,216,600	2 &c.	J. & J.	New York.	July 1, 1906
Substitut'n b'ds for RR. (B) (\$596,000)	1876	100 &c.	536,000	5	J. & J.	do	July 1, 1906
do for Ala. & Chatt. (C) (\$1,000,000)	1876	100 &c.	515,000	2 &c.	J. & J.	do	July 1, 1906
Educational funded debt	1874	.....	2,810,670	.....	.....	.....	.....
Funded "obligations"	1874	.....	1,000,000	8	J. & J.	.....	.....
Arkansas—Funding bonds of 1869 and 1870	1869 to '70	1,000	1,886,000	6	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	7	J. & J.	do	1900
Old unfunded debt, including interest	1838 to '39	.....	1,985,955	.....	.....	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	J. & J.	.....	1884
To Memphis & Little Rock Railroad	1869	1,000	1,200,000	7	A. & O.	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	5 & 8	.....	do do	April, 1900
California—Soldiers' relief	1863	500 &c.	95,500	7 g.	J. & J.	.....	.....
State capital bonds	1870 to '72	.....	500,000	7 g.	J. & J.	Sacramento, Treasury.	1883
Funded debt bonds of 1873	1873	500 &c.	2,801,000	6 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	100 &c.	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—Perm't imp't, gold, coup.	1872	500 &c.	4,000,000	6 g.	J. & J.	do do	May 1, 1897
Permanent improvement bonds, coupon	1873	.....	670,000	7	F. & A.	N. Y., First National Bank.	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, 1891
Market house bonds, coupon	1872	50 &c.	150,000	7	J. & J.	U. S. Treasury.	Aug. 1, 1924
Water stock bonds, coupon	1871 to '73	1,000	431,000	7	J. & J.	Washington, D. C.	July 26, 1892
Wash. fund'g, gld, (\$660,000 M. & N., due 1902)	1872	100 &c.	1,810,000	6 g.	J. & J.	do do	Oct. 1, 1901 to '03
Washington ten-year bonds (Bowen)	1869	.....	279,000	6	J. & J.	New York and Washington.	1892 & 1902
Other Washington debt, reg. stock	1828 to '68	.....	786,100	5, 6, 7-3	Various	Washington, D. C.	Jan. 1, 1879
Corporation of Georgetown, registered stock	.....	.....	251,500	6	Q.—J.	do do	At pleasure.
Florida—State bonds	1871	.....	350,000	7	.....	do do	1879-'84
Consolidated gold bonds (\$300,000 are 7s)	1873	1,000	923,100	7 & 6 g.	J. & J.	N. Y., Importers' & Tr. B'k.	Jan. 1, 1903
Loan to Jacksonville, Pensacola & Mobile RR.	1870	1,000	4,000,000	8 g.	J. & J.	do do	.....
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	2,298,000	6	J. & J.	do do	Jan. 1, 1889
Illinois—Refunded stock bonds	1847	1,000	224,000	6	J. & J.	N. Y., Am. Exchange Bank.	Various
Normal University bonds	.....	1,000	23,000	6	J. & J.	do do	Jan., 1880
Thornton loan bonds	.....	1,000	86,000	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.	New York.	Dec. 1, 1879
Bonds, short loan	1876	.....	510,000	6	A. & O.	do do	April 1, 1879
School fund bonds (non-negotiable)	.....	.....	3,904,783	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	1878 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.	Amounts not fundable, per report of Jan. 1, 1878.	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 gives 30-year bonds, dated July 1, 1876, bearing 2 per cent for 5 years, 3 per cent for next 5 years, 4 per cent for next 10 years, 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 for five years 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." The value of all taxable property is about \$160,000,000; tax rate, 7 mills. The assessed valuation of real estate in 1876 was \$86,874,212. (V. 23, p. 39, 40, 397, 622; V. 24, p. 28, 420; V. 27, p. 94.)

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. 23, p. 174; V. 24, p. 88, 420, 466, 564; V. 25, p. 161; V. 27, p. 15, 40.)

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, 73½ cents per \$100.

Connecticut.—The debt of Connecticut was all created originally for war purposes. Assessed value of real and personal property, 1877, \$344,406,977; rate of taxation, 1½ mills. (V. 24, p. 38.)

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. 26, p. 599. (V. 22, p. 181; V. 23, p. 542; V. 24, p. 39; V. 26, p. 599; V. 27, p. 303.)

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. The total State debt is \$10,908,500. Assessed value of property in 1877 was as follows: Lands, \$88,883,514; city and town property, \$51,269,736; total, including personal, \$235,659,539, against \$245,853,750 in 1876 and \$261,755,884 in 1875; rate of

tax in 1877, five mills. Governor's Message, V. 24, p. 89. (V. 24, p. 89, 152; V. 25, p. 188, 162.)

Illinois.—There is also a small amount of interest bonds, inscribed stock, yet out, which will soon be redeemed. The State also redeems, Jan. 1, 1879, about \$50,000 refunded stock bonds and \$55,000 Thornton loan. The Ill. Cent. 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, \$692,426,051; 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, \$855,190,125, against \$864,720,440 in 1876 and \$897,739,783 in 1875. Tax rate, 1-3 mills. A law permitting towns to issue bonds was passed in 1875. A similar law was passed for counties. (V. 19, p. 493, 526; V. 21, p. 85; V. 22, p. 104, 209, 615.)

Kansas.—Kansas has but a small State debt, but the issues of municipal bonds have been large. The valuation of real and personal property in 1877 was \$136,019,113, against \$132,144,580 in 1876. Tax rate, 5½ mills for State purposes. State funds hold \$610,925 of the bonds. (V. 24, p. 40.)

Louisiana.—The funding bill passed Jan. 24, 1874, scaled the debt down to 60 per cent of the face value. Funding was resumed May, '77, subject to Supreme Court decision. (See V. 24, p. 519). New bonds were

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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.	11,624,500	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 g.	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	Quarty	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 Lands 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.	554,180	5 g.	A. & O.	do do	Oct., 1888 to '90
do do home.....	1861 to '63	500 &c.	966,500	5 g.	A. & O.	Boston, Treasury.	April, 1890 to '94
do do sterling.....	1868	£100	2,952,400	5 g.	A. & O.	London, Baring Bros.	April, 1882
do do sterling.....	1871	200 &c.	5,598,912	5 g.	J. & J.	do do	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	700,000	5 g.	J. & J.	Boston, Treasury.	July, 1891 to '94
do do do.....	1875	1,000	1,300,000	5 g.	A. & O.	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, '94-Sep. 1, '96
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	629,000	6	J. & J.	N. Y., Am. Exchange Bank.	Jan. 1, 1883
War Bounty Bonds.....	1865	1,000	357,000	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.....	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	1,945,000	6	J. & J.	do do	1878 to '88
Bonds to Cairo & Fulton Railroad.....	1857 to '59	1,000	304,000	6	J. & J.	do do	1878 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	1878 to '89
Pacific Railroad of Missouri.....	1853 to '59	1,000	2,971,000	6	J. & J.	do do	1878 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, '75).....	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	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.	500,000	6	J. & J.	do do	July 1, 1879 & '80
<i>New Jersey—</i> War loan bonds, tax free.....	1861	100 &c.	700,000	6	J. & J.	Trenton and Jersey City.	Jan., 1879 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>	1875	.....	473,000	6 g.	J. & J.	N. Y., Manhattan Bank.	Oct., 1893
Canal debt, { Under Art. 7, Sec. 3, of Con-	1872	.....	1,562,900	6 g.	J. & J.	do do	July, 1887
{ stitution, and Art. 7, Sec. 12.	1873	.....	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

voted for N. O. & Pac. RR. in '78, and their validity is affirmed by the Supreme Court, but the Governor declined to sign them and the question of a mandamus to compel him is decided in his favor. The assessed value of real estate in 1877 was \$138,164,847; personal, \$36,468,833. The gross revenue in 1877 was \$2,606,351, and expenses, \$2,719,412. State tax rate, 1 1/2 mills. (V. 2, p. 315, 342, 463, 470, 523, 625; V. 27, p. 41, 122, 200, 203.)

Maine.—The sinking funds (\$911,436), January, 1878, reduce the total debt to a net amount of \$4,932,464. Valuation of total taxables in 1875, \$255,000,000; tax rate in 1877, 3 mills. For 1878, treasurer advises 3 1/2 mills.

Maryland.—The assessed valuation of property in 1877 was \$478,468,023; in 1878, \$484,425,790, on which the rate of taxation is 18 1/2 cents per \$100; receipts from railroad, canal and other stocks owned by the State was \$190,756 in 1877. The State has largely assisted canals and railroads, and holds \$4,235,713 of stocks and bonds ranked as productive, leaving \$6,396,322 of debt without any offset; the State also holds \$23,360,682 in unproductive securities.

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 1877 the funded debt was reduced \$330,000. The sinking funds in January, 1878, were \$10,885,699. The Hoosac tunnel has cost the State about \$17,666,070, including interest paid. Real estate assessed in May, 1878, \$1,118,473,223, against \$1,191,499,228 in 1877; personal, including bank shares, \$479,572,027 in 1878, against \$505,784,594 in 1877. The loan to Bost. Hartf. & 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 \$1,027,879 Jan. 1, 1873. (V. 23, p. 354; V. 26, p. 40, 123.)

Michigan.—The debt has been largely diminished in the last few years. Assessed valuation of real and personal property, 1877, \$330,000,000, and tax

rate 2 1/2 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, \$218,855,743, of which \$45,162,467 was personal; in 1876, \$218,850,744, of which \$45,302,485 was personal; in 1877, \$20,925,638, 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 equalized valuation of all real and personal property in 1877 was \$610,558,340. The tax rate is 40c. per \$100. In 1877 \$348,000 bonds maturing were met by sale of renewal bonds; in 1878 \$493,000 bonds mature and have so far been paid by sinking fund. The Hannibal & St. Joseph Railroad provides for its own debt. (V. 22, p. 83, 591; V. 23, p. 133, 397, 493; V. 24, p. 171, 321, 542; V. 27, p. 200, 409.)

Nebraska.—Of these the State school fund holds \$423,267. 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 \$33,335,591; 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 1876, \$199,030,353. 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, 1878, to \$1,453,435. Of the first two classes of bonds the principal is pay-

able \$100,000 per year. Valuation of real property in 1877, \$419,729,400; personal \$123,868,381; total, \$566,250,697, against \$596,833,707 in 1876, and \$612,731,094 in 1875. State tax, 3 1/2 mills.

New York.—The following were valuations and tax rate for State purposes in the years 1859 and 1865, and from 1870 to 1877:

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
1870.....	1,532,720,907	434,280,278	7 41-156
1871.....	1,599,930,166	452,607,732	5 79-120
1872.....	1,644,379,410	147,248,035	9 1/2
1873.....	1,692,523,071	437,102,315	6 95-100
1874.....	1,750,698,918	418,608,955	7 1/4
1875.....	1,960,352,703	407,427,399	6
1876.....	2,108,325,872	357,941,401	3 11-24
1877.....	2,376,252,178	379,488,110	3 1-6

The general fund debt was paid in July, 1878, and the canal debt only, of about \$9,000,000, now remains. The gross State debt, September 30, 1877, was \$10,957,014, and town, county, and city debts in December, 1875, were \$24,079,859. (V. 22, p. 63, 471; V. 24, p. 17, 49; V. 26, p. 18, 117.)

North Carolina.—North Carolina is heavily burdened with debt, in proportion to her taxable property. Total property was assessed in 1876-7 at \$148,564,557; 1875, \$152,546,023; 1874, \$139,953,361; 1873, \$143,723,813. Interest is paid on bonds issued to North Carolina Railroad (\$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 March, 1875, (See CHRONICLE, V. 20, p. 336,) but nothing was done under it. In New York, bonds are classified thus: "Old," being those issued prior to May 1, 1861, coupons on from Jan. '69; "N. C. R. R.," issue of \$2,800,000 to that road, coupons on since Jan. & April, '69; same "coup. off" have had 7 coupons paid; "funding act '66" carry coupons Jan., '69; "funding act '68" carry coupons April, '69. "New"—authorized before war, except \$1,500,000 in 1868; "Special tax, 1st," carry coup. April,

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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—RR. and improvem't 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	2,383,000	6	J. & J.	do	1868 to '98
do do do do	.....	1,000	1,695,000	6	A. & O.	do	1868 to '98
Funding bonds, since war	1866	100 & c.	2,417,400	6	J. & J.	do	Jan., 1900
do do	1868	100 & c.	1,711,400	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	1868	1,000	44,000	6	A. & O.	New York.	Oct., 1898
Special tax bonds	.....	1,000	11,407,000	6	A. & O.	do	1898 to '99
Ohio—Register'd 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	F. & A.	do do	1880
Pennsylvania—Reg. bonds, tax fr., (red'ble '92)	1877	100 & c.	8,000,600	5	J. & J.	Phila., Farm. & Mech. B'k.	Feb. 1, 1902
Inclined plane loan	1849	.....	400,000	6 g.	J. & J.	do do	April, 1879
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.	2,556,250	6	F. & A.	do do	Feb., 1877 to '82
do do (coupon)	1867	500 & c.	367,000	6	F. & A.	do do	Feb., 1877 to '82
do do (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.	.....
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	.....
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	6,617,000	6	J. & J.	N. Y., Fourth Nat. Bank.	July 1, 1914
Bonds registered, act of 1873	Various.	1,000	16,194,000	5 & 6	J. & J.	do do	1875 to 1900
Fundable bonds and coup. not yet presented	Various.	Various	661,000	5, 5 1/4, 6	.....	.....	1900
Bonds, registerable, not presented	Various.	.....	460,000	5	.....	.....	1875 to 1900
Held by E.T. University (not to be funded)	.....	1,000	396,000	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'ce, 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.	6,401,285	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.	18,740,800	6	J. & J.	Richmond, Treasury.	1905
do do reg., conv. into coup	1871	100 & c.	1,483,715	6	J. & J.	do do	1905
do (Act 1872) "Peeler," cp. not rec'ble	1872	100 & c.	2,185,100	6	J. & J.	do do	.....
do do reg., do	1872	100 & c.	1,152,800	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, '77, on debt proper	.....	.....	4,188,141	.....	.....	.....	.....

69; "2d" coup. of Oct. '69; "3d" coup. April, 1870. V. 21, p. 570; V. 23, p. 599, 615, 647; V. 24, p. 17, 226.)

Ohio.—Ohio has a very small State debt, but large local debts, amounting in 1877 to \$33,328,519 against \$36,059,973 in 1876. Valuations in 1877 were: Real estate in cities, &c., \$378,449,113; other, \$706,347,619; personal, \$490,594,810. 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.)

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 Nov. 30, '77, \$22,943,814; available assets, \$9,054,910; net debt, \$13,924,039. 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 \$1,754,331 in stocks and \$7,900,000 of railroad bonds. Interest has been paid in gold on the State debt issued prior to 1867, but the bonds paid off in 1877 were paid in currency. 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. 24, p. 414, 421, 469; V. 26, p. 15; V. 27, p. 149, 229.)

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 met in May, 1878, but the validity of the law creating the commissioners was questioned in the Courts, and the board did nothing. In July, 1878, interest was paid on those consols signed by Gov. Chamberlain, which the committee held to be good; interest on bonds signed by Gov. Hampton was not paid. Total valuation of all property—in 1876, real estate, \$86,187,120; personal, \$40,598,376; railroad property, \$6,347,142, making a total of \$133,132,638. In 1877 total was about \$125,733,863. Rate of taxation in 1877, 7 mills. (V. 24, p. 199, 445, 495, 543, 557; V. 25, p. 79, 641; V. 26, p. 63, 143, 232, 257, 420, 463; V. 27, p. 141, 165.)

Tennessee.—The coupons of July, 1875, together with those of July, 1874, and January, 1875, remaining due, were paid in September, 1876. The debt of solvent railroads, January, 1877, was \$3,458,145, and total debt, less that amount, \$22,852,011, including \$129,020 outstanding warrants and \$2,088,746 past-due interest, against which \$95,633 is owed by solvent railroads. The State's endorsements for railroads are \$1,802,000, of which \$1,560,000 is taken care of by the roads. Bonds to amount of \$75,000 were over-due in 1876, and \$80,000 more fall due in 1877; these are fundable at the option of the Legislature. Later statement, V. 25, p. 477. Total valuations in 1877 \$2,600,000; total in 1876, \$278,020,534, against \$283,038,583 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. 25, p. 453, 477, 535, 619, 632; V. 26, p. 68; V. 27, p. 42, 165.)

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 1877 was about \$316,000,000, against \$257,632,000 in 1876. Tax rate, 50. From the last Comptroller's report, for the fiscal year 1875-6, 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.—These amounts are exclusive of bonds held by Literary fund and Sinking fund. 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 sinking fund holds \$5,145,271 of State bonds and certificates. All interest overdue September, 30, 1877, was \$4,138,141, and the total principal of debt proper \$29,350,816. Assessed value of real estate in 1876 was \$242,756,548, against \$251,573,611 in 1873. Personalty in 1876, \$78,560,940. Tax rate, 5 mills. A case involving the taxation of consols is on appeal to the U. S. Supreme Court. A new funding bill was passed in 1878, which will probably never be carried out. (V. 26, p. 266.) (V. 23, p. 599; V. 25, p. 138, 256, 585; V. 26, p. 68, 135, 181, 209, 232, 342, 359, 384, 420, 524; V. 27, p. 334.)

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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	\$237,000	6	M. & N.	New York.	May, 1879
Purchase Congress Hall Block	1864	1,000	46,000	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	1870-'71	1,000	491,000	7	M. & S.	New York.	March, '79 to 1900
New Post Office site	1870-'77	1,000	624,000	6 & 7	M. & N.	do	Nov., 1910, 11, '12
High School	1874	1,000	118,000	7	M. & N.	do	.....
Water stock	1875	1,000	80,000	7	M. & N.	do	May 1, 1879 to '85
Addit'nal supply (\$100,000 due 1900-3 are 7s)	1851 & '52	1,000	250,000	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, 1912
<i>Augusta, Ga.</i> —Bonds for various purposes	1865	1,000	1,000,000	6	M. & N.	New York.	1895-'97
City bonds, tax free	Various.	250 &c.	1,886,250	7	Various	Augusta.	1878 to '89
<i>Baltimore</i> —Consolidated loan of 1890	1876	500 &c.	128,500	7	A. & O.	do	1900
Loan, reg. stock redeem. at will after 1916	Various.	100 &c.	7,306,546	6	Q.—J.	Balto., Farm. & Plan. Bank.	July 1, 1890
Funding loan, reg. stock, tax free	1877	100 &c.	5,000,000	5	M. & N.	Balto., N. Mechanics' Bank.	July 1, 1916
Consolidated bounty loan	1878	100 &c.	679,000	5	M. & N.	.....	After July, 1916
Exempt bounty loan	1863	100 &c.	2,211,068	6	M. & S.	Balto., N. Mechanics' Bank.	Sept. 1, 1893
Public parks (Druid Hill)	1865	100 &c.	410,353	6	M. & S.	do do	Sept. 1, 1893
Park improvement loan	1860	100 &c.	555,566	6	Q.—M.	do do	Sept. 1, 1890
Five million loan to Baltimore & Ohio RR.	1863	100 &c.	185,723	6	Q.—J.	do do	Jan. 1, 1895
One million loan to Pittsb. & Connellsville RR	1853	100 &c.	5,000,000	6	Q.—J.	Balto., Farm. & Plan. Bank.	Jan. 1, 1890
New City Hall	1853	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1, 1886
do do	1868	100 &c.	1,000,000	6	Q.—J.	Balto., Farm. & Plan. Bank.	July 1, 1884
do do	1870	100 &c.	1,000,000	6	Q.—J.	do do	April 15, 1900
Consolidated loan	1874	100 &c.	500,000	6	Q.—J.	do do	March 7, 1902
Court house loan	1864	100 &c.	936,661	5	Q.—J.	do do	1885
Funding loan	.....	100 &c.	92,400	5	Q.—J.	Balto., N. Mechanics' Bank.	At will.
Western Maryland Railroad	1870	100 &c.	800,000	6	Q.—J.	Balto., Farm. & Plan. Bank.	July 1, 1900
Jones' Falls	1872	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1, 1902
Valley Railroad	1872	100 &c.	609,200	6	Q.—F.	do do	April 9, 1900
Water loan (\$263,000 only are 5s)	1873	.....	1,015,300	6	A. & O.	Baltimore, Register's Office.	Oct. 31, 1886
Endorsements for Western Maryland RR.	1874	100 &c.	1,549,600	5 & 6	J. & J.	.....	July 1, 1894
do do Union Railroad	.....	.....	1,375,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1 '90 & 1900
<i>Bangor, Me.</i> —City debt proper	1858 to '72	100 &c.	117,000	6	J. & J.	Baltimore, Franklin Bank.	Jan. 1, 1895
Municipal loan	1874	1,000	156,000	6	Various	Boston, Merchants' N. B'k.	1878 to '92
Water loan bonds, coup. (Act Feb. 22, 1875)	1874	1,000	100,000	6	J. & J.	Boston or Bangor.	Jan. 1, 1894
European & North American Railroad	1875	500 &c.	375,000	6	J. & J.	Boston, Merch'ts' Nat. B'k.	July 1, 1905
Bangor & Piscataquis Railroad	1869	1,000	1,000,000	6	J. & J.	do do	Jan. 1, 1894
<i>Bath, Me.</i> —Fund. debt (\$24,500 are 6s, '87, J. & J.)	1869	1,000	814,000	6 & 7	A. & O.	do do	April 1, 1899
Railroad loan	.....	.....	102,500	5 & 6	M. & S.	City Treasury.	1887 & 1898
Androscoggin Railroad	.....	.....	193,000	6	Various	do	'83, '85 & '98
Knox & Lincoln Railroad (\$23,750 each year)	1861	Various.	425,000	6	A. & O.	City Treasury and Boston.	April 1, 1891
do do (F. & A. and M. & S.)	1869	Various.	475,000	6	J. & J.	do do	July 1, 1880 to '99
<i>Boston</i> —For city purposes, war debt, &c.	1871-'72	Various.	420,600	6	Various	do do	1891 & 1902
Burnt district, sterling loan	1852 to '64	1,000	3,521,800	5 g.	Various	Boston, Treasurer's Office.	1878 to '87
Consolidated street improvem't, sterling loan	1864 to '77	1,000	14,288,500	6	Various	do do	1878 to '97
Roxbury debt, assumed	1873	£100 &c	4,997,603	5 g.	A. & O.	London, Baring Brothers.	April, 1893
Dorchester debt, assumed	1869	£100 &c	3,449,199	5 g.	J. & J.	do do	July, 1899
Charlestown debt, assumed	1860 to '61	1,000	392,300	5, 5 1/2, 6	Various	Boston, Treasurer's Office.	1878 to '84
Mystic water debt, assumed	1861 to '69	Various.	104,500	7	Various	do do	1878 to '81
Brighton debt, assumed	1862 to '73	500 &c.	1,060,000	5 & 6	Various	do do	1882 to '93
West Roxbury debt, assumed	1862 to '76	1,000	1,228,000	5 & 6	Various	do do	1881 to '94
Water loan, new main, Brookline Reservoir	1863 to '73	Various.	183,641	6 1/2 & 7	Various	do do	1878 to '81
do Chestnut Hill reservoir	.....	.....	410,000	6 1/2 & 7	Various	do do	1878 to '91
do renewal of loan due '70-71, all reg.	1853	1,000	394,000	5 g.	A. & O.	do do	Oct., 1878
do do '72-73	1867 to '71	1,000	2,040,000	6	Various	do do	1880 to 1901
Water works, Roxbury, coupon and registered	1871	£100 &c	688,000	6	A. & O.	do do	April, 1901
do Roxbury & Dorchester	1872	1,000	1,947,273	5 g.	A. & O.	London, Baring Brothers.	Oct., 1902
do Dorchester, all registered	1868 to '70	1,000	700,000	6	Various	Boston, Treasurer's Office.	1880 to '99
do W. Roxbury & Brighton, all reg.	1871 to '74	1,000	465,000	6	Various	do do	1901 to 1903
Additional supply water	1871	.....	375,000	6	J. & J.	do do	Jan., 1901
Various purposes, for water works	1875 to '77	.....	370,000	5 & 6	Various	do do	1905 to 1907
Water loan bonds, gold, coupon or reg.	1876	.....	100,000	5 g.	A. & O.	do do	April, 1906
Public park and school buildings, registered	1872 to '75	1,000	648,000	6	Various	do do	1902 to 1905
Improved sewerage, registered	1871 to '74	1,000	366,000	6	Various	do do	1901 to 1904
<i>Brooklyn</i> —Debt of Williamsburgh, local impr't	1877-'78	.....	550,000	4 1/2	Various	do do	1905 & 1906
Brooklyn local improvement loan	1877-'78	.....	143,000	5	A. & O.	do do	June & Oct., 1887
Mount Prospect Square loan	1859 to '61	1,000	138,000	6	J. & J.	Brooklyn.	Oct., 1897
Soldiers' aid fund loan	1861	1,000	213,000	7	M. & N.	do	1879 to '81
Third street improvement loan, local	1857	1,000	90,000	6	J. & J.	do	1891
Gowanus canal improvement loan, local	1865	1,000	552,000	7	J. & J.	do	1887
Bushwick avenue do do do	1867	1,000	302,000	6	J. & J.	do	1885 to '94
South Seventh street do do do	1866	1,000	236,000	7	J. & J.	do	1881
Union street do do do	1865	1,000	216,000	7	J. & J.	do	1878 to 90
Fourth avenue do do do	1866	1,000	258,000	7	J. & J.	do	1878 to '90
do do do do	1867	1,000	260,000	7	J. & J.	do	1878 to '86
Wallabout Bay do do do	1862	1,000	190,000	6	J. & J.	do	1878 to '95
Kent avenue basin do do do	1867	1,000	206,000	7	J. & J.	do	1878 to '95
New York Bridge loan, registered and coupon	1867	1,000	198,000	7	J. & J.	do	1878 to '90
Bonds for N. Y. & Brooklyn Bridge, cp. or reg.	1869	1,000	427,000	7	J. & J.	do	1879
	1870	1,000	3,000,000	7	J. & J.	do	1901 to '24
	1876-'78	1,000	3,450,000	6 & 7	J. & J.	do	1907 to 1912

Coupons paid at Nassau Bank, Brooklyn.

Albany.—The loan to Albany & Susquehanna is secured by 1st mortgage. The valuation of property in Albany County in 1876, by local assessment, was: Real estate, \$47,039,898; personal, \$5,300,151; total, \$52,340,049. In 1876, total equalized valuation by State Board, \$58,460,770. Tax rate, 2.49.

Augusta.—Of this debt, \$600,000 was issued for railroads, and balance for canal enlargement, water works, &c. Most of the debt is held at home. Taxable valuation, \$14,401,000; tax rate, \$1 58 per \$100.

Baltimore.—The fiscal year of Baltimore ends now with December 31, instead of Oct. 31. The sinking fund for Baltimore & Ohio RR. \$5,000,000 loan is \$1,958,623; West Maryland Railroad sinking fund, \$166,180; and the total of all the sinking funds, \$8,640,411. The Balt. & Ohio RR. pays interest on \$5,000,000 loan; Water loan is paid by income of water works, and Public Park by City Passenger Railway, and out of a total debt of \$34,092,965, \$19,741,853 is dependent on the tax levy. The net debt over productive assets is given at \$9,257,445, against which are held \$4,889,772 of unproductive assets. The estimates for 1878, owing to the change in the fiscal year, will cover 14 months instead of 12 months as formerly. The basis of taxation is \$255,000,000. The amount required to be raised, including the floating debt, is \$4,879,639. Less the floating debt (\$1,479,726) the amount required is \$3,399,913. The tax rate to cover fourteen months was increased from \$1 75 to \$1 90 on the \$100. State taxes having been increased from 17 1/2 cents to 18 1/2 cents on the \$100, the total is 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. 539; 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 1/4. 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 is \$12 80 per \$1,000, against \$13 10 per \$1,000 in 1877. The total funded debt April 30, 1878, was \$42,457,022, and the sinking funds, bonds, mortgages, &c., \$16,297,245. 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	\$9,555,692
Income.....	2,369,100	2,306,950
	\$7,898,158	\$7,248,742
Per centage.....	236,946	217,468
	\$8,135,104	\$7,466,210

Placing the tax to be paid to the State at \$412,740 the tax warrants exhibit the following result:

	1877-8.	1878-9.
City and County.....	\$8,135,104	\$7,466,416
State, 1877.....	619,110	412,740
	\$8,754,214	\$7,879,156

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.)

Brooklyn.—There are also \$27,000 7 per cent Nat. Guard bonds due 1880-81. The Mayor's message, January 1, 1878, made the whole city debt as follows:

Permanent loans.....	\$28,113,500
Sinking funds.....	4,660,747
Balance.....	\$23,452,752
King's Co. debt (City's share).....	3,831,180
Loans chargeable on specified property .	10,923,000
Tax certificates.....	2,500,000
Total net debt.....	\$40,706,932

—The debt increased in 1876 \$781,623, and in 1877 \$659,382. Population in 1870, 396,200, against 266,661 in 1860. Valuation of property in 1877, by the local assessment, was \$216,481,801 for real estate, and

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>Brooklyn—(Continued)—</i>							
Prospect Park loan, registered and coupon	1860 to '73	\$1,000	\$3,017,000	7	J. & J.	Brooklyn.	1915 to '24
Prospect Park loan	1860 to '72	1,000	1,217,000	6	J. & J.	do	1915 to '24
Deficiency bonds	1872	1,000	319,000	7	M. & N.	do	1881 to 1908
Permanent water loan	1857 to '72	1,000	9,706,000	6	J. & J.	do	3 years from date.
do do	1872 to '75	1,000	1,510,500	7	J. & J.	do	3 years from date.
Sewerage fund bonds, continuous, local	.....	1,000	1,870,000	7 & 5	J. & J.	do	3 years from date.
do do S'th B'klyn	.....	1,000	200,000	7	J. & J.	do	1880
Assessment fund bonds, continuous, local	.....	1,000	4,744,000	7 & 5	J. & J.	do	1875
Central and Knickerbocker av. sewer bonds	1870	1,000	618,000	7	J. & J.	do	1878-1881
Boulevard bonds	1873	1,000	842,000	7	J. & J.	do	1879 to 1895
Temporary tax certificates	1876 to '78	.....	2,950,000	6 & 7	J. & J.	do	1881 to 1893
<i>Buffalo, N. Y.—Funded debt bonds</i>	1853 to '75	1,000	2,132,750	7	Various	Buffalo and New York.	1879 to 1895
Buffalo & Jamestown Railroad	1873 to '75	1,000	1,000,000	7	Various	Buffalo.	1893 to 1895
Buffalo New York & Philadelphia Railroad	1871 to '73	1,000	750,000	7	Various	Buffalo and New York.	1881 to 1893
Water works bonds	1868 to '76	1,000	2,729,382	7	Various	do do	1879 to 1926
Water bonds, coupon	1876	.....	100,000	6	J. & J.	N. Y., Gallatin N. Bk.	July 1, 1896
Park bonds (Act May 17, 1875)	1876	1,000	100,000	6	M. & S.	Buffalo & New York.	Prior to 1936
Tax loan bonds	1876-77-78	.....	647,125	5, 6 & 7	J. & J.	do do	July, 1879-'83
Water bonds, reg.	1878	.....	50,000	5	M. & S.	do do	Sept. 1, 1898
<i>Cambridge, Mass.—City bonds</i>	1858 to '63	500 &c.	106,000	5	Various	Boston, Bank Redemption.	1878 to 1882
do	1864	1,000	100,000	5	A. & O.	do do	April 1, 1889
do	1863	1,000	150,000	5 g.	J. & J.	Boston, Tremont Bank.	Jan. 1, 1893
do	1856 to '76	500 &c.	1,597,000	6	J. & J.	Boston, Bank Redemption.	Jan. 1, 1881 to '96
do	1873-'74	500 &c.	689,000	6	J. & J.	do do	Jan. 1, 1903-4-5
do	1874-5	500 &c.	514,000	6	A. & O.	do do	Apr. & Oct. 1, '84-5
Water loan	1866	1,000	100,000	6	J. & J.	do do	July 2, 1886
do	1866 to '77	500 &c.	774,000	6	J. & J.	do do	July 1, 1881 to '97
do	1865	1,000	55,000	6	F. & A.	do do	Aug. 1, 1883
do	1867 to '75	1,000	485,000	6	A. & O.	do do	Apr. 1, 1887-1895
do	1869-71	1,000	162,000	6	M. & N.	do do	May, 1889-1891
<i>Charleston, S. C.—City stock</i>	.....	.....	3,898,454	6	Q.—J.	Charleston.	1878 to '98
City bonds, coupon	1853 to '54	.....	51,500	6	Various	do	1883 to '84
Fire loan bonds, coupon	1866	.....	266,800	7	J. & J.	New York City.	1890
Conversion bonds, to redeem past due debt	.....	.....	500,000	7	.....	.....	.....
<i>Chelsea, Mass.—Funded debt, coup.</i>	.....	1,000	149,000	5 1/2	A. & O.	Boston, N. Bk. Redemption	1879 to 1883
Funded debt, coup	.....	1,000	1,170,000	6	Various	do do	1879 to 1895
do	.....	1,000	100,000	7	F. & A.	do do	Feb. 17, 1883
Water loan, coup.	.....	1,000	200,000	6	F. & A.	do do	Aug. 1, 1887-'97
<i>Chicago—Water loan</i>	.....	500 &c.	880,000	6	J. & J.	New York and Boston.	1878 to '97
Water loan	.....	1,000	3,660,000	7	J. & J.	do do	July 1, '82 to '95
Sewerage bonds	.....	1,000	87,000	6	J. & J.	do do	July 1, 1880
do	.....	500 &c.	2,550,000	7	J. & J.	do do	1880 to '95
River improvement bonds	.....	1,000	2,621,000	7	J. & J.	do do	1890 to '95
Municipal bonds	.....	1,000	195,000	6	J. & J.	do do	July, 1895 & '96
Municipal and School bonds	.....	500 &c.	3,408,000	7	J. & J.	do do	1881 to '99
South Park loan (secured on South. Div.)	.....	.....	2,000,000	7	J. & J.	do do	1878 to '79
West Chicago Park (secured on West. Div.)	1870	1,000	640,000	7	J. & J.	New York (see remarks.)	1890
Cook County debt	1863 to '72	500 &c.	4,191,500	7	M. & N.	N. Y., Metropolitan Bank.	May 1, 1880-'92
<i>Cincinnati—Loans to Railroads, F, A, G, H, I & M</i>	1844 to '54	1,000	1,062,000	6	Various	N. Y., Am. Exchange Bank.	1880 to '84
Bonds to O. & M. RR. to purchase whf. prop. N	1855	1,000	210,000	6	M. & N.	do do	Nov., 1885
Bonds for erection of a Workhouse	1868	1,000	250,000	7 3-10	J. & D.	do do	June, 1888
Bonds for Water Works	1868	1,000	300,000	7 3-10	Various	do do	1888 & 1889
Bonds for Common School purposes	1860 to '61	1,000	99,000	6	J. & J.	do do	Jan., 1890
Bonds to O. & M. RR. to purchase whf. prop. N	1855	1,000	195,000	6	M. & N.	do do	Nov., 1890
Bonds for ext. and impr. Water W. C, D. & E	1847 to '50	500 &c.	397,500	6	A. & O.	do do	April 1, 1895
Bonds for funding floating debt	1847 to '48	500 &c.	146,500	6	M. & N.	do do	March, 1897
Bonds for new Hospital	1867-'68	1,000	750,000	7 3-10	Various	do do	1897
Bonds for funding floating debt	1853	1,000	60,000	6	J. & J.	do do	Jan., 1900
Extension and improve. Water Works	1853	1,000	175,000	6	Various	do do	June & Oct., 1900
Bonds to purchase Orp'n Asyl. grds. for park. O	1858	1,000	100,000	6	M. & S.	Cincinnati.	March, 1903
Bonds for sewerage	1869	1,000	150,000	7 3-10	M. & S.	N. Y., Am. Exch. Nat. Bk.	Sept., 1899
Bonds for improving Gilbert avenue	1869	1,000	150,000	7 3-10	M. & S.	do do	Sept., 1899
Bonds to build Eggleston avenue sewer	1869	1,000	100,000	7 3-10	A. & O.	do do	Oct., 1899
Bonds for improvement	1871	1,000	136,000	7 3-10	M. & S.	do do	March 1, 1886
Bonds for Water Work purposes	1871-'72	1,000	450,000	7	F. & A.	do do	Aug., 1886-'97
General improvement	1871	1,000	600,000	7	J. & D.	do do	Dec. 1, 1891
<i>Cincinnati Southern RR.</i>	1872-'74	500 &c.	700,000	7	J. & J.	do do	July 1, 1902
do do (\$3,142,000 are gold 6s)	1874	1,000	9,300,000	7 3-10	J. & J.	do do	July 1, 1902
do do (for \$2,000,000)	1876	500 &c.	6,000,000	6g. or 7-3	M. & N.	New York or London.	May 1, 1906
do do	1878	.....	.....	.....	.....	.....	.....
Floating debt bonds, coupon	1874	1,000	1,000,000	7	M. & N.	N. Y., Am. Exch. Nat. B'k.	May 15, 1904
Park improvement	1875	1,000	50,000	7	J. & J.	do do	Jan. 1, 1896
Water-works bonds	1875	1,000	300,000	7	F. & A.	do do	Aug. '85, '90 & '95
Hospital bonds	1876	.....	50,000	7	M. & N.	do do	May 1, 1906
Street improvement bonds, short	1876-'77	.....	300,000	.....	.....	.....	1878 to '82
<i>Cleveland—Water works (\$225,000 are 6 p. ct.)</i>	1854 to '75	.....	1,700,000	6 & 7	Various	N. Y., Am. Exch. Nat. B'k.	1879 to '95
Funded debt (\$100,000 are 6 p. ct.)	1854 to '74	.....	1,431,000	6 & 7	Various	do do	1878 to '94
Lake View Park	1872 to '74	.....	315,000	7	Various	do do	1887 to '92
Canal and canal lock	1874 to '76	.....	264,000	7	Various	do do	1894 to '96
School (\$294,000 are 6 p. ct.)	1864 to '71	.....	409,000	6 & 7	Various	do do	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

\$13,111,215 for personal; total real and personal, \$229,593,016, against \$227,013,123 in 1876. The debt of Kings County, separate from the debt of Brooklyn, is \$4,181,821, of which the city is responsible for nineteen-twentieths. Average tax rate in 1877, \$3 17 per \$100, against \$3 25 in 1876. (V. 24, p. 63; V. 25, p. 358; V. 26, p. 282.)

Buffalo.—In 1875 real and personal property were assessed at \$39,963,105; in 1876 rule of valuation changed and assessment was \$111,995,905. In 1877 real estate was \$91,130,570; personal, \$8,844,705; total, \$99,975,275. Buffalo also pays 7-10 (being \$712,390) of Erie county debt. City tax-rate, 1877, \$12 43 on the \$1,000. Since June 1, 1877, coupon bonds have been exchangeable for registered. (V. 22, p. 233, 521; V. 23, p. 135.)

Cambridge, Mass.—The sinking funds amounted to \$8,656,565, 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, \$4,805,175. 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, 1873, \$15,767,407; rate, \$1 76. Total debt, \$1,591,252. Population, 1875, 20,737.

Chicago.—The total funded debt Jan. 1, 1878, was

\$13,361,000. Old certificates of indebtedness, \$455,513. Revenue time warrants, \$2,734,133. Assessed value of real property, 1877, \$113,634,314; personal, \$34,715,834—total, \$148,400,148. Tax rate, 1877, 27/104. This is the Illinois State valuation, and the city debt is limited to 5 per cent 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 1877 valid. Of the funded debt, \$4,540,000 is on account of the Water Works, which last year yielded an income of \$842,352.

Year.	Assessed Value.		Tax Rate.
	Real Estate.	Personal.	
1853.....	\$13,130,677	\$3,711,154	.....
1855.....	21,631,540	5,355,293	.....
1856.....	25,892,303	5,843,776	.....
1860.....	31,198,135	5,855,377	.....
1862.....	31,537,515	5,552,300	15 00
1865.....	66,495,116	19,447,941	20 00
1867.....	140,857,040	51,392,604	13 00
1868.....	174,505,410	53,939,469	14 00
1869.....	211,312,240	54,633,640	15 00
1870.....	223,643,600	52,342,950	15 00
1871.....	236,898,650	52,847,820	15 00
1872.....	239,154,890	45,042,540	15 00
1873.....	262,969,820	49,103,175	18 00
1874.....	258,549,310	45,155,830	18 00
1875.....	125,468,695	48,293,641	18 00
1876.....	131,222,460	36,815,718	18 00
1877.....	113,584,314	34,715,834	.....

Population in 1870 was 336,605, and in October, 1876, 407,661, against 109,260 in 1860. The So. Park, West Chicago Park, and Lincoln Park loans are not debts of the city, but of distinct corporations. In July, 1878, coupons on West Park bonds were

paid in Chicago, instead of New York, but payment in New York is promised hereafter. (V. 23, p. 622; V. 24, p. 443; V. 26, p. 192, 289, 436, 522.)

Cincinnati.—In addition to the issues above named, there remain several smaller amounts, as follows: \$108,000 6s. November, 1834; \$56,060 (YY2, & 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:

Year.	Real estate.	Personal estate.	Total valuation.	Rate tax
				per \$1,000.
1860..	\$61,620,904	\$31,411,812	\$93,032,716	\$17 45
1870..	78,736,482	57,370,754	136,107,236	31 60
1871..	123,427,888	56,934,044	180,361,932	22 20
1872..	119,621,856	55,463,410	175,085,266	20 10
1873..	121,479,240	64,166,460	185,645,700	23 06
1874..	123,231,790	58,788,284	182,020,074	23 38
1875..	125,976,835	58,521,730	184,498,565	28 82
1876..	127,143,900	55,809,066	182,952,966	27 04
1877..	123,820,270	50,639,872	174,460,142	29 10

—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.)

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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>							
Viaduct (mostly F. & A., A. & O. and J. & D.)	1873 to '77	\$1,000	\$1,568,000	5, 6, & 7	Various	N. Y., Am. Exch. Nat. Bk.	1893 & 1907
Bonds	1877	1,000	213,000	6	M. & S.	New York.	Sept. 1, '78, to '86
Bonds	1878	1,000	200,000	6	do	do	1898
<i>Detroit, Mich.—</i> Bonds for various City purposes	1855 to '59	1,000	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	1,000	600,000	7	Various	do do	1879 to '91
Public sewer bonds	1872 to '74	1,000	340,500	7	F. & A.	do do	1892 to '94
<i>Elizabeth, N. J.—</i> Improvement bonds	1871 to '74	1,000	729,500	7	Various	N. Y., Farmers' L. & T. Co.	1878 to '81
Funded debt bonds	1870 to '75	1,000	767,000	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	1878 to '86
Consolidated improvement bonds	1875-'76	1,000	2,477,000	7	A. & O.	do do	1885 to '96
Bonds due 1905			(?)				
<i>Evansville, Indiana.—</i> E. H. & N. R.R. bonds	1868		250,000	7			1898
City wharf bonds	1869		100,000	7			1899
E. C. & P. R.R. bonds	1869		100,000	7			1890
do do	1869		200,000	7			1895
Water works bonds	1870		300,000	7 3-10			1895
Redemption bonds	1876		300,000	7			1906
do do	1876		105,000	7			1906
do do	1877		100,000	6			1907
<i>Fall River, Mass.—</i> City notes		Large.	430,500	7	Various	City Treasury.	1878 to 1888
City bonds		1000&c.	268,200	5, 6, 7	Various	do	1878 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	300,000	6	M. & N.	do do	Nov. 1, 1878-1880
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	1860 to '74		505,500	10	Various	Galveston.	1874 to '95
Limited debt bonds (sinking fund 2 per cent)	1877		306,000	8	M. & S.	do	1907
Galveston County bonds, G. C. & S. F. R.R.	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. R.R.)		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.	1878 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. R.R. Transfer Stock Yard Co.	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
School bonds—By Board of School Comm'rs.	1873	1,000	100,000	8	A. & O.	do do	Oct. 1, 1878
School loan, coup.	1877	1,000	100,000	5	A. & O.	do do	Oct. 1, 1882
<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
Forty-year bonds	1877	1,000	255,000	6	J. & J.	do do	July 1, 1907
Improvement bonds	1873	1,000	622,000	7	J. & J.	do do	July 1, 1913
do do	1871	500 & c.	1,866,000	7	M. & N.	do do	May, 1891
Morgan street dock	1872 to '74	1,000	3,433,000	7	Various	do do	1892 to '94
City bonds, coupon	Various.	1,000	125,000	7	J. & J.	do do	June 8, 1900
Funded debt bonds	1872	1,000	500,000	6 & 7	Various	do do	Various.
Hudson City bonds	Various.	Various	171,050	7	J. & J.	do do	July 1, 1896
Bergen school loan bonds	1869	1,000 & c.	150,000	7	J. & J.	do do	Various.
do sewerage bonds	1869	1,000 & c.	400,000	7	J. & J.	do do	Jan., '98 to 1900
do improvement and water bonds	1869	1,000 & c.	152,000	7	J. & J.	do do	July, 1889
do bounty loan	Various.	Various	103,000	7	J. & J.	do do	July 1, 1879 & '89
Greenville street improvement bonds	Various.	500 & c.	249,000	7	J. & J.	do do	Various.
Ten-year bonds, coupon or registered	1876		150,000	7	J. & D.	do do	June 1, 1886
<i>Lawrence, Mass.—</i> Funded debt	1859 to '64	5000 & c.	91,700	5 1/2	Various	Boston, Tremont Bank.	1878-1884
Funded debt	1862 to '75	5000 & c.	133,000	6 & 7	Various	do do	1878 to 1892
do	1874	1,000	262,000	6	J. & J.	do do	July 1, 1894
Water loan	1873-'75	500 & c.	1,300,000	6	A. & O.	do do	Oct. 1, '90, to 1906
<i>Lewiston, Me.—</i> City bonds (\$25,000 each year)			25,000	6	J. & J.	City Treasury.	July 1, 1882
City bonds (\$50,000 each year)			100,000	6	J. & J.	do	June 1, 1883 & '88
do (\$110,000 due 1885, \$210,000 1891)			320,000	6	J. & J.	do	July 1, 1885 & 1901
Lewiston & Auburn Railroad			224,000	6	J. & J.	do	July 1, '93-1913
Water bonds			500,000	5	A. & O.	do	Oct. 1, '97-1907-'17
<i>Louisville, Ky.—</i> For Jeffersonville R.R. stock	1852	1,000	143,000	6	A. & O.	N. Y., Mercantile N. Bank.	April, 1882
Subscription to stock of L. & N. R.R.	1854	1,000	392,000	6	A. & O.	do do	April, 1883
Water works	1857 to '67	1,000	1,335,000	6	Various	N. Y., Bank of America.	1887, '89, 91
do	1873	1,000	76,000	7	M. & S.	do do	March 1, 1883

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.

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.— Total debt of the city of Elizabeth Jan. 1, 1878, was stated at \$5,380,000, as follows: General debt, \$2,950,000; assessment debt, \$2,430,000. Estimated true value of real and personal property, \$32,000,000; assessed valuation, \$16,000,000. Tax rate is \$2 50 within the lamp and water district, and \$2 10 outside. Population in 1875, 25,000.

Fall River, Mass.— The sinking fund amounted to \$143,008, January 1, 1877. The water works are now completed. Total debt, \$3,537,047. Population, 1875, 45,340.

Fitchburg, Mass.— Sinking fund, \$69,500. Total debt, \$894,993. Tax valuation, 1876, \$1,714,888. Bonds all coupon. Population, 1875, 12,289.

Galveston, Texas.— The total city debt Sept. 1, '77, was \$861,400, of which all are 10 per cent. currency, except \$35,000 park 8s, due 1892-1902, and the limited debt bonds. (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 is recommended.

Holyoke, Mass.— Bonds all coupon, but can be registered. Sinking fund, \$12,000. Total debt, \$96,500. Tax valuation, 1877, \$9,399,820. Population, 1875, 16,260.

Indianapolis.— The assessment of taxable property in 1877 was \$55,367,215; taxes for that year, \$620,112, or a levy of \$1 12 per \$100. The bonds to Union R.R. Transfer Stock Yard Co. are secured by mortgage on the property. The School Board is a distinct organization from the city, created by a separate act of the Legislature; levies its own tax, which is collected by the City Treasurer, but 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.— The total bonded debt of the city, April 1, 1877, was stated at \$14,737,450. The sinking fund was \$770,000. Assessed valuation, 1877: Jersey City, real \$54,581,869, personal \$6,031,500; 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. 22, p. 521.)

Lawrence, Mass.— Total debt, \$1,797,700, 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, \$1,096,100; sinking fund, \$90,410. The railroad bonds were issued to build the Lewiston & Auburn R.R., 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, 1878, exclusive of loans payable by railroad, was \$3,182,000, against \$3,258,000 January 1, 1877. Of the \$3,182,000 there is payable out of the sinking fund \$3,664,000; payable by special tax, \$4,518,000. Population by census of 1870 was 100,750, 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 \$8,295,114; in 1878 it is \$63,194,487. Rate of taxation for all city purposes in 1877 was \$2 25 on \$100 in each district. The following figures give the assessed property valuation for the past nine years. For 1870, \$70,806,712; 1871, \$76,845,995; 1872, \$77,156,642; 1873, \$77,225,372; 1874, \$73,295,114; 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	\$56,386,964	\$48,770,596
Merchandise.....	9,696,402	8,061,150	7,213,621
Residuary.....	5,664,930	6,897,733	6,614,321
Personalty.....	714,860	509,955	595,969

The Mayor in his message, May, 1878, says that the floating debt, Jan. 1, 1878, was \$1,038,654, less \$761,002 of available tax bills. He says also: "I deem it entirely appropriate to state here that the bonded debt is really \$315,000 less than the amount above quoted, as the sinking fund has purchased to date 297 6 per cent and 187 per cent bonds, in all 315 bonds of \$1,000 each, which they hold as an investment. This would in reality reduce the bonded debt to \$786,700. As assets against this liability the city owns every share, except two, of the water-works; nearly \$1,000,000 of gas stock, \$1,000,000 of Nashville R.R. stock, at 40c., or \$400,000; wharf property, &c., &c."

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. Rows include cities like Louisville, Lowell, Lynn, Manchester, Milwaukee, Minneapolis, Mobile, Nashville, Newark, New Haven, New Orleans, New Bedford, and Newton.

Lowell, Mass.—All the notes held by savings banks. Water loan sinking fund, \$143,906. Tax valuation, 1878, \$40,064,126; 1877, \$39,345,266. Total debt, \$2,303,500. Population, 1875, 49,638.
Lynn, Mass.—Total debt, \$2,256,000. Sinking fund, \$166,470. Tax valuation, 1870, \$20,927,115. Population, 1875, 32,600.
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 total floating debt July 1, 1877, was \$2,005,974 of which \$735,420 was overdue interest, and there were nominal assets (unpaid taxes, &c.) to balance this of \$2,113,690.

Milwaukee.—The city cannot issue debt beyond 5 per cent of its average assessed value for five years. In 1876, valuation was \$38,743,427 real, and \$14,931,763 personal property; tax rate in 1875, 25.64 mills. 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, 16-10 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; \$38,500 8s of 1871; \$123,000 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. A mandamus was issued from the U.S. Circuit Court, and the Auditor's report says that "unscrupulous bondholders succeeded in grinding out of the poverty of our people the satisfaction of their claims." Population about 38,000. (V. 20, p. 302.)
Nashville, Tenn.—At the close of the fiscal year, Sept. 30, '73, 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 \$113,663; those in second line out of sinking fund of 1864, \$1,013,623; public school bonds out of public school fund, \$141,911; Clinton Hill bonds by sinking fund, \$40,831; tax arrearage, \$165,000; against local improvement bonds the city holds \$2,074,513 of assessments unpaid and a lien on the property. Temporary loan bonds, Jan. 1, 1878, were \$1,192,000. Valuation of real and personal property, 1876, \$97,116,004. Tax rate for all purposes, 1877, \$1 96 per \$100, against \$1 90 in 1876. Population in 1870, 105,059.
New Bedford, Mass.—Total debt, \$1,250,600. No sinking fund. Tax valuation, 1870, \$22,996,014. Population, 1875, 25,895.
New Haven, Conn.—Total debt, \$939,000. Sinking fund on City Hall loan, \$47,969 73. The city has made a "special loan" of \$75,000 to the New Haven & Derby RR., and "guaranteed" \$225,000 of its second mortgage bonds, on which the city has been obliged to pay the interest, and on \$50,000 of the special loan. Interest advanced to the road, \$82,890. Population, 1870, 50,840.
New Orleans.—A decision in June, 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 \$111,123,695, 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 January 31, April 15, July 31, and October 15. Population in 1870, 191,418; in 1860, 138,670. (V. 26, p. 36, 617; V. 27, p. 148, 225.)
Newton, Mass.—Total debt, \$1,262,034. Tax valuation, 1878, \$25,012,930; rate, \$13 83 per \$1,000. Population, 1875, 16,105.

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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>New York</i> —Water stock.....	1841 to '63	\$100 &c.	\$2,414,000	5 & 6	Q.—F.	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.	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.	4,615,000	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.	6,270,000	6g., 5, 6, 7	M. & N.		Nov. 1, 1901 to '8
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 improv'm'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.....	1869	100 &c.	2,767,000	7	M. & N.		1879
do do coupon.....	1870	500 &c.	3,000,000	7	M. & N.		1890
N. Y. Bridge bds (\$1,500,000 red. after July, '96)	1869-'77	500 &c.	3,000,000	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.	3,661,739	5, 6 & 7	M. & N.		1878, '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.	3,498,000	5, 6 & 7	M. & N.		Nov. 1, 1878 to '82
Assessment bonds.....	1874-'78	500 &c.	12,646,000	5, 6 & 7	M. & N.		Nov. 1, 1878 to '82
City parks improvement fund stock.....	1871-'78	500 &c.	5,659,000	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.	1,155,000	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.	936,000	5 & 6	M. & N.		1903
Third District Court-house bonds.....	1874	500 &c.	398,000	5 & 6	M. & N.		Nov. 1, 1890
Armories and drill-rooms.....	1877	500 &c.	375,880	5	M. & N.		1880 & 1881
Liquidation of claims and judgments.....	1875-6	500 &c.	488,475	5	M. & N.		July 1, 1879
Central Park commission improvement bonds	1876	500 &c.	1,240,000	6	M. & N.		Nov. 1, 1878 to '80
County Court-house stock.....	1862 to '68	100 &c.	2,140,000	6	M. & N.		1878 to '92
do do No. 3.....	1871	100 &c.	600,000	7	M. & N.		1884 to '88
do do No. 4 & 5.....	1872	100 &c.	527,600	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.	M. & N.	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	.....	.....	.....
<i>Norfolk, Va.</i> —Registered stock.....	.....	100	1,027,287	6	J. & J.	Norfolk, Treasurer's Office.	1878 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
<i>Norwich, Conn.</i> —City bonds.....	1868	1,000	125,000	7	A. & O.	Thames N. Bk; Bost., Bk. Rep	Oct. 1, 1893
City bonds.....	1877	1,000	160,000	5	A. & O.	Norwich.	Apr. 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	Apr. 1, 1908
<i>Paterson, N. J.</i> —School bonds.....	1853-'73	500	130,000	7	J. & D.	City Hall, by Treasurer.	Dec., 1878-1904
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., 1878-1886
Sewer bonds (\$125,000 are M. & S.).....	1869-'77	500	353,000	7	J. & D.	do do	1882-1902
War bounty bonds.....	1863-'65	500	433,500	7	J. & D.	do do	Dec., 1878-1900
Funding bonds, "A".....	1877	100 &c.	100,000	6	J. & D.	do do	June, 1887
Renewal bonds, "B".....	1877-'78	500	90,000	6	Various	do do	1901-1904
<i>Philadelphia</i> —Bonds prior to consolidation.....	.....	.....	6,630,021	5 & 6	J. & J.	Phila., Far. & Mech. N. B'k	1878 to '85
Bonds for railroad stock subsidy subscribers	1855	.....	1,725,000	6	J. & J.	do do	} 1878 to 1903
do for water works.....	1855 to '71	.....	6,500,000	6	J. & J.	do do	
do for bridges.....	1859 to '70	.....	4,853,500	6	J. & J.	do do	
do for park and Centennial.....	1868 to '70	.....	8,701,600	6	J. & J.	do do	
do for war and bounty purposes.....	1862 to '65	.....	11,650,000	6	J. & J.	do do	
do municipal, school, sewer, &c.....	1860 to '70	.....	15,509,750	6	J. & J.	do do	} 1878 to 1905
Guaranteed debt, gas loans.....	5,599,400	6	J. & J.	do do		1883 to 1905

New York City.—The total debt of New York Jan. 1, 1878, was \$148,821,057; the amount of sinking funds \$31,080,007. 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.	Oct. 1, '78.
Funded debt.....	\$119,631,313	\$121,440,133	\$119,167,415
Sinking funds.....	28,179,102	31,080,007	30,813,488

Net debt..... 91,452,211 90,360,126 88,353,927
 Temporary debt. 22,371,400 21,329,500 20,939,500
 Revenue bonds.. 6,104,844 6,051,424 19,727,817

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.	State.	City.	Rate tax p. \$1,000.	Net debt.	
1861..	406,955,665	174,624,306	3	62	16	36	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	26,185,190
1864..	410,774,435	222,920,505	5	31	17	29	33,769,601
1865..	427,360,884	181,423,471	4	96	24	94	35,973,597
1866..	473,994,934	257,994,974	3	94	19	06	33,654,683
1867..	555,447,062	276,389,451	4	67	22	03	32,914,421
1868..	623,236,555	285,199,972	6	13	20	17	35,983,647
1869..	684,183,918	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	90	88,369,386
1872..	797,148,665	306,949,422	5	20	33	81	95,582,153
1873..	836,693,390	292,597,643	5	41	19	59	106,363,471
1874..	881,547,995	272,481,181	6	95	21	05	115,187,969
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..	895,963,933	206,028,160	—	26	50	—	117,741,050
1878..	900,855,700	197,532,075	—	25	50	—	.....

The tax rate for 1877 was placed at \$26 50, to raise \$29,178,940. By an act of 1874 the towns of West Farms, Morrisania and Kingsbridge, embracing about 12,000 acres, were annexed to New York. The report of Comptroller Kelly to August 1, 1877, is given at some length in V. 25, p. 193. 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 1874, more than \$12,000,000 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 1872, during which period the aggregate debt of the city increased as follows: 1863, \$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:

Year.	Amount.
1873.....	\$106,363,471
1874.....	\$116,773,724
1875.....	\$119,811,310
1876.....	\$117,741,050

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, at 105-28 (V. 25, p. 17, 198, 358, 458; V. 26, p. 41; V. 27, p. 228, 252, 303.)

are secured by deed of trust on city property. Coupons of 1st series are payable at Citizens' Bank; coupons of 2d series at People's National Bank. Tax rate, \$1 60; water tax, 40 cts., (special); total rate, 2 per cent.

Philadelphia.—The total funded debt, January 1, 1878, was \$55,722,141; guaranteed debt, \$5,999,400; floating debt, \$11,893,810. Sinking funds, \$12,333,367. Total disbursements of the city for 1877 were \$15,785,155, classified as follows: Judgments, &c., \$609,162; interest on city loan, \$3,761,968; interest on city warrants, \$652,181; sinking funds, \$809,245; warrants of previous years, \$3,377,205; amount paid on loan warrants, \$832,553; erection of public buildings, \$280,379; cash for the departments, \$462,461. On Oct. 1, 1878, the Comptroller's books showed funded debt \$61,101,441; floating debt, \$3,885,607; cash on hand, \$2,491,648. 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.....	518,234,568	8,930,700	21 50
1874.....	539,003,602	9,239,933	22 00

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>Peoria, Ills.</i> —School loan.....		\$....	\$94,500	7	Various	N. Y., Amer. Exch. Nat. Bk.	1878 to 1890
Water loan (\$50,000 each year).....		....	100,000	10	M. & N.	do do	May 15, 1879 & '81
Water loan.....		....	195,000	7	J. & D.	do do	June 1, 1888
do.....		....	155,000	7,6g.&7g	Various	do do	1889-1891
Bounty loan (\$21,000 each year).....		....	42,000	10	M. & S.	City Treasury.	Mch 1, 1882 & '83
<i>Peoria & Rock Island Railroad.</i>.....		....	100,000	7	J. & J.	New York.	July 1, 1888
<i>Pittsburgh</i> —Water exten. loan (coup. or reg.).....	1868 to '74	....	4,413,400	7	A. & O.	Philadelphia.	1893 to '98
Funded debt and other municipal bonds.....	1845 to '72	....	2,241,000	6 & 7	Various	Pittsburg, Phila. & N. Y.	1877 to 1912
Compromise railroad bonds (coup. and reg.).....	1863	....	2,179,469	4 & 5	J. & J.	New York, B'k of America.	1913
Bonds impr. Penn. av., &c. (local assessment).....	1871 to '73	....	5,028,800	7	Various	Philadelphia.	1883 to '85
<i>Portland, Me.</i> —Loan to Atl. & St. Lawrence RR.....	'68,'69,'70	1,000	787,000	6	M. & N.	Boston, Blackstone N. B'k.	Nov., 1886,'87,'88
Loan to Portland & Rochester Railroad.....	1867 to '69	500 &c.	700,000	6	J. & J.	do do	July, 1887
do do do.....	1872	....	450,000	....	....	do do	July 1, 1897
do Portland & Ogdensburg.....	1872	....	1,350,000	....	M. & S.	do do	Sept. 1, 1907
Municipal—proper.....	1852-75	500 &c.	1,815,900	5 & 6	m'nthly	Boston and Portland.	1877 to '95
Building loan bonds.....	1867	1,000	405,000	6	J. & D.	do	June 1, 1877 & '87
<i>Providence, R. I.</i> —Bonds for public improvem'ts.....	1855	1000 &c.	600,000	6	M. & S.	Providence.	Sept., 1885
Recruiting and bounty bonds.....	1863	1000 &c.	300,000	5	J. & J.	do	Jan., 1893
Water loan bonds, gold, coupon and reg.....	1872	1000 &c.	2,000,000	5 & 6 g.	J. & J.	Boston, Prov. and London.	Jan., 1900
do do do.....	1874	1000 &c.	2,000,000	5 g.	J. & J.	N. Y., N. City Bank, & Prov.	Jan., 1900
do do do.....	1876	1000 &c.	1,500,000	5 g.	J. & J.	do do	July 1, 1906
City Hall & sewer loan b'ds, sterling, cp. or reg.....	1875	\$100	1,397,250	5 g.	J. & J.	London, Morton, Rose & Co	July 1, 1895
Prov. & Springfield RR. bonds, guaranteed.....	1872	1,000	500,000	7	J. & J.	Providence.	1892
Brook Street District notes.....	1877	1,000	700,000	5	M. & S.	Treasury.	Sept. 1, 1880-'84
<i>Rochester, N. Y.</i> —To Genesee Valley Railroad.....		1,000	168,000	7	J. & J.	N. Y., Metropolitan N. Bk.	1879 to 1903
To Roch. & State L. and R. N. & P. Railroads.....		1000 &c.	750,000	7	F. & A.	New York and Rochester.	1893
For various city improvements.....		Various	961,686	6 & 7	Various	do do	1878 to 1902
Water works loan, coupon and registered.....		1000 &c.	3,182,000	7	J. & J.	N. Y., Union Trust Co.	Jan. 1, 1903
Funding loan.....	1875	....	410,000	....	....	do do	1905
<i>Rockland, Me.</i> —City bonds.....		100 &c.	193,950	5 & 6	Semi-an	City Treasury..	1879 to 1897
Railroad loan (\$20,000 payable yearly).....	1869	100 &c.	400,000	6	J. & J.	Boston, First National Bk.	1880 to 1899
do.....	1871	100 &c.	150,000	6	F. & A.	do do	1891
do.....	1872	100 &c.	205,000	6	M. & S.	do do	1892
<i>St. Joseph, Mo.</i> —Bonds to St. Jo. & Den City RR.....	1860 to '69	500	431,500	6 & 7	Various	N. Y., Nat. B'k Commerce.	1880 to '89
Bonds to Missouri Valley Railroad.....	1869	500	150,000	7	M. & N.	do do	Nov., 1889
Bonds for various purposes.....	1858 to '69	100 &c.	299,400	10 & 6	Various	St. Joseph and New York.	1878 to '89
Bridge bonds.....	1871	500	500,000	10	J. & J.	N. Y., Nat. B'k Commerce.	1891
<i>St. Louis</i> —Renewal and floating debt bonds.....	1846 to '71	Various	1,922,000	6	Various	N. Y., Nat. Bank Republic	1879 to '91
Real estate, buildings and general purposes.....	1840 to '68	Various	1,223,000	6	Various	do do	1879 to 1906
Street improvement bonds.....	1851 to '66	Various	166,000	6	Various	do do	1879 to '86
Water work bonds (old).....	1856 to '58	Various	336,000	6	Various	do do	1880 to '83
Tower Grove Park bonds (gold).....	1868	1,000	346,000	6 g.	F. & A.	do do	Aug., 1898
Sewer bonds.....	1855 to '69	1,000	885,000	6	Various	do do	1878 to '89
Harbor and wharf bonds.....	1852 to '68	Various	1,143,000	6	Various	do do	1879 to '88
New water work bonds (gold).....	1867 to '70	1,000	3,950,000	6 g.	J. & D.	New York and St. Louis.	June, 1887, to '90
do do do.....	1872	1,000	1,250,000	6 g.	A. & O.	N. Y., Nat. B'k Commerce.	April 1, 1892
Renewal and sewer bonds (gold).....	1871 to '73	1,000	681,000	6 g.	Various	do do	1891 to '94
Renewal purposes, gold or sterling.....	1873	1,000	1,074,000	6 g.	M. & N.	New York or London.	Nov. 1, 1893
Renewal, &c., bonds, gold, \$ and £.....	1875	1,000	707,000	6 g.	M. & N.	do do	May 1, 1895
Renewal, &c., bonds, gold or sterling, coupon.....	1874	1,000	2,072,000	6 g.	J. & J.	do do	July 1, 1894
Bridge approach bonds (gold).....	1872	500	461,000	6 g.	J. & D.	N. Y., Nat. B'k Commerce.	Dec. 10, 1892
<i>St. Louis County</i> bonds assumed—							
Renewal bonds, coupon.....	1867 to '71	1,000	300,000	7	J. & J.	N. Y., Nat. Bk. Commerce.	1879 to 1881
Bonds to railroads, coupon.....	1853 to '55	1,000	1,180,000	6 g.	J. & J.	do do	1879 to 1880
Insane Asylum.....	1867	1,000	100,000	7	J. & J.	do do	July 1, 1887
County Jail.....	1868	1,000	500,000	7	M. & S.	do do	Sept. 1, 1888
General purposes, gold.....	1872	1,000	600,000	6 g.	J. & D.	do do	June, 1892
Renewal, gold.....	1873 to '76	1,000	550,000	6 g.	J. & J.	do do	1893 to 1896
Park bonds, coupon, gold.....	1875	1,000	2,300,000	6 g.	A. & O.	do do	April 1, 1905
County bonds.....	1875	1,000	500,000	6 g.	M. & N.	do do	May 1, 1895
<i>St. Paul, Minn.</i> —Revenue bonds.....	Various.	Various	504,815	12 & 7	M. & N.	N. Y., Kountze Brothers.	1878 to '90
Preferred bonds.....	Various.	Various	59,210	7	M. & N.	do do	1878 to '86
8 per cent bonds.....	Various.	Various	263,125	8	Various	do do	1889, '90, '96
Lake Superior & Mississippi Railroad.....	1868	500 &c.	200,000	6	J. & D.	do do	1888 & '98
St. Paul & Chicago Railroad.....	1870	1,000	100,000	6	J. & D.	do do	1900
Public Park (Como.).....	1873	1,000	100,000	7	....	do do	1903
Local improvement.....	1873	1,000	100,000	7	J. & J.	do do	1898
<i>Salem, Mass.</i> —City debt.....		100 &c.	112,000	5 & 6	J. & J.	City Treasury.	1879 to 1889
Water loan.....		100 &c.	300,000	6	J. & J.	Boston, Merchants' Bank.	Jan. 1, 1891
do.....		1,000	500,000	6	A. & O.	do do	Apr. 1, 1883-1898
<i>San Francisco</i> —Bonds of 1858, coupon (gold).....	1877	1,000	398,500	5	J. & J.	do do	July 1, 1904
Judgment bonds, coupon (gold).....	1858	500 &c.	542,000	6 g.	J. & J.	San Francisco.	Jan. 1, 1888
Central Pacific Railroad, coupon (gold).....	1863 to '64	500 &c.	435,500	7 g.	A. & O.	do do	Oct. 1, 1883
Western Pacific Railroad, do do.....	1864	500 &c.	377,000	7 g.	J. & J.	do do	July 1, 1894
School bonds, do do.....	1865	500 &c.	250,000	7 g.	M. & N.	do do	May 1, 1895
Judgment bonds, do do.....	1866 to '67	500 &c.	197,000	7 g.	A. & O.	do do	April 1, 1881
School bonds, do do.....	1867	500 &c.	246,000	7 g.	A. & O.	do do	Oct. 1, 1887
School bonds.....	1870 to '72	500 &c.	385,000	7 g.	J. & D.	do do	June 1, 1882 to '90
Park improvement bonds.....	1874	500 &c.	200,000	6 g.	J. & J.	do do	July 1, 1894
Hospital bonds.....	1872 to '75	500 &c.	475,000	6 g.	J. & J.	do do	1897 & 1904
House of Correction bonds.....	1871 to '73	500 &c.	210,000	6 g.	M. & N.	do do	Nov. 1, 1891
City Hall construction.....	1874	500 &c.	150,000	7 g.	J. & J.	do do	July 1, 1894
Widening Dupont St. (Act March 4, 1876).....	1875 to '76	500 &c.	750,000	6 g.	....	do do	1899
.....	1876	....	915,000	7 g.	J. & J.	do do	1896

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

Pittsburgh—Cash valuation in 1876: Real property, \$377,061,763; personal, only \$2,570,404, according to Comptroller's report; "Occupation," \$15,273,030. Sinking funds, \$473,277. Tax rate, 1877, 2 1/2 mills. Population about 140,000. Interest defaulted April, 1877. (V. 24, p. 519, 591; V. 26, p. 159, 181, 363, 471; V. 27, p. 68.)

Portland, Me.—The sinking fund March 31, 1878, was \$377,061. The city is protected by mortgages on Atlan. & St. Lawrence, Portland & Rochester and Portland & Ogdensburg Railroads. Assessed value of real estate in 1877, was \$19,067,200; personal, \$11,825,645. Tax rate, \$25 per \$1,000. Population in 1870, 31,413, against 26,341 in 1860. (V. 24, p. 512.)

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 \$2,793,300, 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, \$30,699,400. 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, 100,800. The laws of Rhode Island now limit the debts of towns to 3 per cent of their assessed valuation.

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 assessed, \$48,000,000; personal, \$2,000,000. Rate of tax, 1877, \$2 per \$100.

Rockland, Me.—Total city debt at date of last report was \$193,950, and \$755,600 for railroads. Resources, \$61,917.

St. Joseph, Mo.—Population in 1870 was 19,565, 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.)

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 assumed 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.....	322,416
Proceeds of anticipation notes.....	725,000
Proceeds of renewal bonds.....	351,000
	\$6,544,427

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

Balance in treasury April 10, 1873..... \$684,431

The Comptroller gives the following in his re-

port 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, \$6,459,000. 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 property in 1878, in old limits, \$159,354,840; in new limits, \$14,416,400; total taxable valuation in city, \$173,771,240. 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 20,080; in 1875, by State census, 33,237. Assessed valuation of taxable property, 1878, \$23,061,000, or about one-half of the estimated actual value. Tax rate 13 mills per \$1.

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, \$26,212,272; 1877, \$25,810,600.

San Francisco—Population by the U. S. census of 1870 was 149,482, against 56,802 in 1860. 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.

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>Savannah, Ga.</i> —Construction of water works..	1853	\$500	\$198,000	7	F. & A.	New York and Savannah.	Feb., 1878
Improvement of Savannah River.....	1853	500	64,500	7	M. & N.	do do	Nov., 1883
Savannah, Albany & Gulf Railroad.....	1853	500 &c.	937,500	7	J. & D.	do do	Dec., 1888
Funding coupons and other purposes.....	1866	100 &c.	368,800	7	J. & J.	do do	Feb., 1886
Redemption of bonds.....	1869	1,000	117,000	7	M. & N.	do do	Nov., 1879
do do.....	1870	500	349,500	7	J. & J.	do do	June, 1890
Bonds for city improvements.....	1870	1,000	534,000	7	M. & N.	do do	Nov., 1900
Harbor, &c., improvements.....	1872	1,000	500,000	7	J. & J.	do do	Jan. 1 1902
For floating indebtedness.....	1873	500 &c.	400,000	7	J. & J.	do do	July 1, 1903
<i>Somerville, Mass.</i> —City debt.....		Large.	65,000	7	A. & O.	Boston, Nat. Security Bank	Oct. 1, 1878-'79
City debt.....		Various.	461,000	6½	A. & O.	do do	April, 1879 to '84
do.....		Large.	165,000	6½	J. & J.	do do	July 1, 1880 to '84
do.....		Various.	115,000	6	Various	do do	Oct. '81-'4, July, '85
do.....		Large.	140,854	5½	Various	do do	July, '84, Apl., '95
do.....		1000&c.	200,000	5	Various	do do	Apl., '95, July, '96
Park & wat'r (\$170,000 A.&O.; \$155,000 J.&J.)		Large.	325,000	6½	Various	do do	1881 to 1884
Water loan.....		Large.	320,000	5½, 6, 6½	Various	do do	1880 to 1906
<i>Springfield, Mass.</i> —City notes.....		Large.	137,000	5½, 6	Various	City Treasury.	1879 to 1884
City bonds.....		1,000	217,000	6	Various	Boston, First National B'k.	1878-1890
Water loan (\$200,000 are 6 per cents).....		1,000	1,200,000	6 & 7	A. & O.	do do	Apl. 1, '94, to 1905
Railroad loan.....		1,000	300,000	7	A. & O.	do do	Apl. 1, 1879-1893
Railroad notes.....		Large.	45,000	6	Various	City Treasury.	1879 to 1881
<i>Toledo, O.</i> —Gen'l fund and deficiency bonds, cp.	'70, '71, '76		544,500	8	A. & O.	N. Y., Imp. & Trad. N. Bk.	1878 to '83
Toledo & Woodville Railroad, coupon.....	1870		453,000	7-3	M. & N.	do do	May, 1900
Various City purposes, coupon.....	1859-'65		42,355	6	F. & A.	do do	1878 to '84
do do.....	1859-'74		594,500	8	Various	do do	1878 to '89
do do.....	1869 & '76		90,000	7	Various	do do	1878 to '86
Water works.....	1873 & '74		1,000,000	8	Various	do do	June, '93 & Sep., '94
Short bonds, chargeable on special assessm'ts	1874-'77		723,300	7 & 8	Various	do do	1878 to '82
<i>Worcester, Mass.</i> —City debt, coup. and regist'd.		Large.	49,000	5 & 6	J. & D.	City Treasury.	1879-1884
City debt, registered.....		Large.	170,000	7	A. & O.	do do	Apl. 1, 1879
do do (5 pieces, \$100,000 each)			500,000	6	J. & J.	do do	Jan. 1, 1881
do (\$248,000 reg., \$552,000 coupon)		500 &c.	800,000	6	A. & O.	C. Treas. & Bost. Mchts.' Bk.	April 1, 1892
do reg. (\$160,000 J.&J., \$100,000 A.&O.)		500 &c.	260,000	5	Various	City Treasury.	1887, '88 & 1905
Sewer loan (\$92,000 are J. & D., balance J. & J.)		Various.	228,200	6	Various	do do	1879 to 1881
Water loan (\$315,900 reg., \$84,000 coup.)....		500 &c.	399,900	5 & 6	Various	do do	1879 to 1906

Savannah, Ga.—Default was made on interest due Nov. 1, 1876, in consequence of yellow fever and non-collection of taxes. The compromise now in progress is given in V. 26, p. 625, by which new 5 per cent bonds are to be 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, \$14,000,000; personalty, \$4,200,000; tax rate, 1½ per cent. Population in 1870, 28,235, against 22,222 in 1860. (V. 26, p. 18, 626; V. 27, p. 122, 173.)

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, \$35,103,456; 1877, \$30,697,776. Rate, 1-32. Population in 1875, 31,053.

Toledo—Total debt, Jan., 1878, was \$3,778,849. Of this the debt payable by special assessments was \$723,300, and the certificates of indebtedness, \$102,200. Taxable valuation of property, 1877, \$19,538,720; tax rate, \$3 19 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.

Subscribers will confer a great favor by giving immediate notice of any error 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, When Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Alabama Central.—In default since January, 1872. Negotiations pending for a new adjustment, and a piece of new road now building. (V. 27, p. 40.)

Alabama & Great Southern.—Alabama & Chattanooga reorganized. About \$450,000 of the receiver's certificates are disputed. (V. 25, p. 40, 189; V. 26, p. 17, 29, 84, 264; V. 27, p. 67, 85, 131.)

Albany & Susquehanna.—This road was leased for 150 years from 1870 to Delaware & Hudson Canal Co., at 7 per cent per annum, on stock and bonds. Important change in terms made in 1876. Consol. mortgage 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, which up to April, 1876, were \$1,978,672. (V. 22, p. 399, 495; V. 23, p. 101, 427; V. 25, p. 615.)

Alleghany Valley.—This road was embarrassed in 1874, and compromised with creditors. Net earnings in 1877, \$1,144,971. Of income bonds, \$2,351,400 are held by individuals, and pay interest in cash when earned; \$3,599,000 held by railroads draw interest in bonds. Abstract of operations in 1876 and 1877 in annual reports, V. 24, p. 493, and V. 26, p. 493. (V. 27, p. 356.)

Atchison & Nebraska.—Gross earnings, 1876, \$410,225; net, \$47,147; unpaid coupons to Jan., 1877, \$1,050,000. Plan of re-organization, V. 25, p. 510, by which \$1,125,000 bonds and \$3,337,000 stock were given for old bonds and overdue coupons. (V. 22, p. 399; V. 24, p. 442; V. 25, p. 510.)

Atchison, Topeka & Santa Fe.—Capital stock \$8,615,000. Net earnings, 1877, \$1,219,603; see annual report, V. 26, p. 463. Coupons of 1877, on notes of 1882, paid half in cash and half in scrip due 1882. 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. 434). (V. 25, p. 380; V.

26, p. 367, 468, 469, 522, 574; V. 27, p. 15, 49, 227, 230, 303, 322, 407, 434, 513.)

Atlanta & Charlotte.—The Atlanta & Richmond Air-Line was sold in foreclosure December, 1876. (V. 23, p. 378, 575; V. 24, p. 180, 203, 369.)

Atlanta & West Point.—Gross earnings, in 1877-\$321,140, in 1876-7, \$311,153; net earnings in 1877-\$, \$145,435, in 1876-7, \$106,949. There are \$83,000 bonds outstanding. (V. 25, p. 137; V. 27, p. 121.)

Atlantic & Great Western.—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. Proceedings looking to re-organization are in progress, and a considerable amount of securities has been deposited by holders with the London Committee. There has been litigation as to postponing the payment of the old Ohio Division bonds. In Jan., 1878, £4 per bond was paid on the coupons of Jan., 1876, of the leased line rental bonds of 1872. Gross earnings in 1877, \$3,973,278; net income over rentals, &c., \$154,170. (V. 25, p. 16, 334, 510, 591, 640; V. 26, p. 66, 95, 214, 444.)

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 \$52,500 Bainbridge Ext. bonds. Interest on sectional mortgages, prior liens to the consolidated, is paid by receivers, and on consolidated bonds 6 mos. in arrears. In New York, July, '77, \$1,000,000 2d mortgage bonds, held as collateral, were sold at auction at 5 1/2 @ 6 1/2. (V. 22, p. 469; V. 24, p. 39, 181, 203, 368; V. 25, p. 57, 407; V. 27, p. 538.)

Atlantic, Mississippi & Ohio.—Gross earnings year ending June 30, 1878, \$1,781,710; expenses, \$1,351,575; net earnings, \$430,133. The divisional bond's 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 is expected in January, 1879. A scheme of re-organization approved by the consolidated mortgage bondholders (mostly in London) will probably be carried out. (V. 25, p. 261, 532; V. 26, p. 141, 242, 444, 522; V. 27, p. 40, 67, 251, 279, 434, 461.)

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. Voted to issue stock to pay bond due 1873. (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. 486.)

Baltimore & Ohio.—The amount of stock as above includes scrip dividend of Nov., '78. Annual report for 1877-8 in V. 27, p. 535. The gross earnings of the "Main Stem," &c., and financial condition of B. & O. Co. for five years were as follows:

Table with columns: Year, Gross Earnings, Net Earnings, Stock and Debt.

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, 1888
<i>Baltimore & Potomac—1st M (tunnel) gold, s. f. 1 p. c.</i>	....	1871	1,000	1,500,000	6 g.	J. & J.	Baltimore or London.	July 1, 1911
1st mort., gold, tax free, coup., s. f. 1 per cent.	98	1871	1,000	3,000,000	6 g.	A. & O.	do do	April 1, 1911
2d mortgage, income, main line and tunnel, reg.	98	1875	1,000	1,133,000	6 g.	J. & J.	Baltimore.	Jan. 1, 1915
<i>Belleville & South. Ill.—1st M., sink'g fund, guar.</i>	56	1866	1,000	1,100,000	8	A. & O.	N. Y., Russell Sage.	Oct. 1, 1896
<i>Belvidere Del.—1st mort. due 1877, extended, guar.</i>	64	1877	1,000	1,000,000	6	J. & D.	Philadelphia.	1902
2d mortgage bonds of 1854 (guar. by C. & A.)	67	1854	500	499,500	6	M. & S.	do	1885
3d mortgage bonds of 1857 (do do)	....	1857	500	745,000	6	F. & A.	do	1887
Consol. mortgage of 1876	84	1876	1,000	1,200,000	7	J. & J.	Treasurer, Trenton, N.J.	Jan. 1, 1916
<i>Berkshire—Stock.</i>	21	....	100	600,000	1 3/4	Q.—J.	Boston, Kidder, P. & Co	July 1, 1878
<i>Boston & Albany—Stock.</i>	321	....	100	20,129,282	4	M. & N.	Boston Office.	Nov. 15, 1878
Dollar loan	....	1871-2	1,000	5,000,000	7	F. & A.	do	Feb. 1, 1892
Loan of 1875, coupon or registered	....	1875	1,000	2,000,000	6	J. & J.	do	July 1, 1895
<i>Boston, Barre & Gardner.—1st mortgage.</i>	38 1/2	....	100 &c.	400,000	7	A. & O.	Worcester, City Nat. Bk.	April 1, 1893
<i>Bost., Clin. & Fitch. & N.B.—Stock (\$1,750,000 pref.)</i>	151	....	....	3,047,700	....	M. & N.	Boston Office.	....
1st mortgage, Agricultural Branch	29	1854	1,000	400,000	6	J. & J.	Boston, Boston N. Bank	July 1, 1884
Mortgage bonds 1869-70	43	'69-'70	1,000	799,600	7	J. & J.	do do	1889 & '90
Bonds	....	1876	....	528,000	7	J. & D.	do do	June 1, 1896
Equipment notes	....	....	1,000	870,000	8	A. & O.	do do	'81, '82, '83, '85
N. Bedford Railroad bonds (\$400,000 are 7s)	....	'61-'74	500 &c.	571,500	6 & 7	J. & J.	Boston, Suffolk N. Bank	July, 1881 & 94
<i>Boston, Concord & Montreal—Preferred stock.</i>	166	....	100	800,000	3	M. & N.	Boston Office.	Nov. 18, 1878
Com. stock (for old dividends & new stock)	....	....	100	1,000,000	....	J. & J.	Boston Office.	1889
Sinking fund bonds (\$654,000)	....	1858	100 &c.	202,000	6	A. & O.	do do	1893
Consolidated mortgage bonds (for \$2,000,000)	160	1873	100 &c.	1,478,000	6 & 7	J. & J.	Boston Office.	....
<i>Boston & Lowell—Stock.</i>	82	....	500	3,250,000	2	J. & J.	Boston, at Office.	July 1, 1878
Mystic wharf purchase bonds	....	....	....	200,000	6	A. & O.	do do	Oct. 1, 1879
Bonds	....	1872	....	999,500	7	A. & O.	do do	April 1, 1892
Bonds	....	1875	....	500,000	7	M. & S.	do do	March 1, 1895
New bonds	....	1876	....	425,000	6	J. & J.	do do	July 1, 1896
<i>Boston & Maine—Stock.</i>	204	....	100	6,921,274	3	M. & N.	Boston, at Office.	Nov. 15, 1878
Bonds, coupon and registered	....	1873-4	500 &c.	3,500,000	7	J. & J.	do do	Jan., 1893 & 94
<i>Boston & New York Air-Line—1st mortgage.</i>	52	1875	1,000	500,000	7	F. & A.	New York.	Aug. 1, 1895
<i>Boston & Providence—Stock.</i>	66	....	100	4,000,000	3	M. & N.	Boston, at Office.	Nov. 1, 1878
Bonds to purchase branches, coupon or registered	....	1873	....	500,000	7	J. & J.	do do	July 1, 1893
Ten year notes for \$800,000	....	....	....	(8)	....	....	....	....
<i>Buff., Brad. & Pitts.—Gen. M., (incl. 10,000 ac. l'd)</i>	26	....	1,000	580,000	7	J. & J.	New York, Erie RR.	Jan. 1, 1896
<i>Buffalo, New York & Erie—Stock.</i>	142	....	100	950,000	3 1/2	J. & D.	N. Y., Erie Railway.	June 1, 1878
New mortgage	140	1876	1,000	2,380,000	7	J. & D.	do do	June 1, 1916
<i>Buffalo, N. Y. & Philadelphia—1st mort., gold.</i>	121	1871	500 &c.	2,582,000	6 g.	J. & J.	N. Y., Farm. L. & T. Co.	July 1, 1896
2d mortgage (for \$1,000,000)	121	1873	....	905,500	10	J. & J.	do do	July 1, 1893
<i>Burlington, C. Rapids & Northern—1st mortgage.</i>	367	1876	100 &c.	6,500,000	5	J. & D.	New York.	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.	Boston and New York.	Oct. 1, 1893
Income b'ds, conv. C. B. & Q. st'k (4th ser.)	....	1869	500 &c.	289,500	8	A. & O.	do do	April 1, 1879
1st mortgage, conv. do. on br'ch (5th ser.)	40	1869	500 &c.	279,000	8	J. & J.	do do	July 1, 1894
Convertible bonds, C. B. & Q. st'k (6th ser.)	....	1870	500 &c.	370,500	8	J. & J.	do do	July 1, 1889
<i>Burlington & Missouri in Nebraska—Stock.</i>	....	....	100	8,583,750	x 2 1/4	....	Boston, Office.	Dec. 16, 1878
1st mortgage, convertible, land grant	191	1869	500 &c.	1,414,000	8	J. & J.	do do	July 1, 1894
Bonds, convertible till Jan., 1882	....	1873	500 &c.	600,000	8	J. & J.	do do	Jan. 1, 1883
Consol. mort. for \$14,000,000, s. f. \$30,000	191	1878	600 &c.	5,055,000	6	J. & J.	do do	July 1, 1918
Omaha & S. W., 1st mortgage, guar.	49	1872	1,000	1,034,000	8	J. & D.	do do	June 1, 1896
Republican Valley RR., 1st mort., exchangeable	71	1878	....	853,000	6	M. & N.	do do	July 1, 1918
<i>Burl. & Southwest.—1st mort., cp., may be reg.</i>	181	1870	1,000	1,800,000	8	J. & J.	Boston, Co's Office.	May 1, 1895
<i>Cairo & St. Louis—1st mortgage.</i>	144	1871	....	2,500,000	7	A. & O.	....	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 (\$338,150 of it pref.)</i>	67	....	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	....	....	15,000,000	....	....	....	....
New mort., interest guar., (for \$14,000,000)	291	1878	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.	Nov. 15, 1878
Old preferred stock	100	....	50	2,200,000	3 1/2	M. & N.	do do	Nov. 15, 1878
1st mortgage bonds	65	....	1,000	230,500	7	F. & A.	do 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 do	Feb. 1, 1900
<i>Cayuga & Susquehanna—Stock.</i>	....	....	100	589,110	5	J. & J.	New York, 44 South st.	July 2, 1878
<i>Cedar Rapids & Missouri—Common stock.</i>	274	....	100	6,850,400	1	Q.—F.	Boston, Treasurer.	Nov. 1, 1878
Preferred stock, 7 per cent	....	....	100	769,600	3 1/2	F. & A.	do do	Aug. 1, 1878
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, 1877, \$111,738 (V. 22, p. 588; V. 24, p. 563; V. 26, 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:

Year	Gross Earnings.	Net Earnings.	Total Stock and Debt.
1877-8	\$6,633,533	\$2,299,536	\$.....
1876-7	6,779,610	2,166,844	23,870,569
1875-6	7,074,758	2,391,364	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. 23, p. 477; V. 24, p. 204; 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.

Bost. Clinton Fitch. & N. Bed'f.—This was a consolidation in May, 1876, of the B. C. & F. and the N. Bedf. roads. May 1, 1878, there were \$119,792 notes outstanding. (V. 23, p. 621; V. 24, p. 134, 518; V. 27, p. 537.)

Boston, Concord & Montreal.—Gross earnings for the year ending with March, 1878, were \$654,272; net earnings, \$201,100. There are also \$76,000 old bonds due in 1865, and \$350,000 due in 1875. (V. 21, p. 516; V. 26, p. 546.)

Boston & Lowell.—Net income, 1877-78, \$269,064.

There are \$407,000 notes outstanding. (V. 23, p. 500; V. 25, p. 16; V. 26, p. 39; V. 27, p. 121, 303, 537.)

Boston & Maine.—Net income, 1877-8, \$717,091, against \$669,964 in 1876-7. (V. 22, p. 280; V. 23, p. 500; V. 25, p. 531; V. 27, p. 537.)

Boston & N. Y. Air Line.—Formerly N. Haven Middletown & Wil. Road cost about \$6,000,000, represented now by \$3,000,000 preferred stock and \$1,000,000 common. Gross earnings 1877-8, \$265,925; net, \$77,482. (V. 22, p. 567; V. 24, p. 589; V. 26, p. 598.)

Boston & Providence.—The bonds and also \$794,000 notes have been issued for purchase of branch roads. In November, 1877, \$800,000 ten-year notes were authorized, to take up others falling due. (V. 23, p. 547; V. 25, p. 531.)

Buffalo, Bradford & Pittsburgh.—Under perpetual lease to Erie at \$40,600 per year.

Buffalo, New York & Erie.—Leased to Erie in 1863, for 490 years, at 7 per cent on stock and interest and sinking fund on bonds. (V. 23, p. 646; V. 24, p. 346; V. 25, p. 16.)

Buffalo, New York & Philadelphia.—This is the connecting line of the Philadelphia & Erie with Buffalo. New bonds are offered to replace the 10 per cents. (V. 26, p. 574; V. 27, p. 538.)

Burlington Cedar Rapids & Northern.—The stock is for \$10,000,000, of which \$5,500,000 has been issued. This company guarantees \$150,000 Minneapolis & St. L. RR. bonds. Net earnings 1877-8, \$560,311; extraordinary expenses, \$617,745. (V. 24, p. 518; V. 25, p. 260, 510; V. 27, p. 301.)

Burlington & Missouri River.—An agreement of consolidation and a perpetual lease to Chicago, Bur. & Quincy, was made in Oct., 1872. In August, 1875, stock of Chic. Burl. & Q. was issued in place of stock of this Co. and for convertible bonds. Annual report V. 20, p. 335. (V. 20, p. 139; V. 22, p. 87.)

Burlington & Missouri in Nebraska.—Has a valuable land grant. Consol. 6 per cent bonds are issued for \$8 maturing in 1894. Omaha & S. W. is

leased. Republican Valley road is leased, and its bonds are changeable for B. & M. consolidated bonds on any coupon day after July 1, 1879. (V. 26, p. 192, 494, 548, 598; V. 27, p. 15, 67, 171.)

Burlington & Southwestern.—Defaulted Nov., 1873. Foreclosure in progress. (V. 21, p. 159, 441.)

Cairo & St. Louis.—Defaulted in 1873 by failure to receive town and county bonds. Receiver appointed December, 1877. Deficit in earnings 1876-7, \$30,115. (V. 22, p. 352; V. 25, p. 511, 569.)

Cairo & Vincennes.—Defaulted in 1874. In hands of receiver. Deficit in earnings 1876-7, \$11,747. (V. 22, p. 445.)

California Pacific.—Gross earnings, '76-7, \$1,326,632; net, \$443,026. Extension bonds of \$3,500,000 and incomes of \$1,000,000 were in default, and the new bonds of 1875, guaranteed by Cent. Pacific, were issued in place thereof. (V. 23, p. 62; V. 24, p. 274, 468, 605.)

Camden & Atlantic.—Gross earnings, 1877, \$477,483; net, \$177,041. Interest, &c., \$92,379. Dividend, 2 per cent.

Camden & Burlington Co.—Leased to United Companies, at 6 per cent on \$382,000 stock.

Canada Southern.—The bonds have interest guaranteed for 20 years by N. Y. Central & H. R. Co., at 3 per cent for 3 years and 5 per cent for 27 years, but no guarantee of principal. (V. 26, p. 267, 391, 574; V. 27, p. 94, 538.)

Carolina Central.—Receiver appointed December, 1876. Passed interest January, 1876. (V. 23, p. 622.)

Catawissa.—Leased to Phila. & Read., Oct., 1872. New preferred stock dividend to be 7 per cent in 1875-6 and afterward. (V. 20, p. 381.)

Cayuga & Susquehanna.—Leased in perpetuity to Del. Lack. & West. Dividends, 9 per year.

Cedar Rapids & Missouri.—Leased to Chicago & Northwestern at \$700 of first \$1,500 gross earnings per mile; one-third of the next \$3,000 per mile, and one-fifth of all above that. (V. 23, p. 162.)

Subscribers will confer a great favor by giving immediate notice of any error 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.

Cedar Falls & Minnesota.—Leased to Dub. & Sioux City, and sublet to Ill. C. at \$1,500 per mile yearly, and a per cent of all earnings over \$3,500 per mile.
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 of Iowa.—Sold in foreclosure, July 18, 1877, under 1st mortgage. Gross earnings, 1877, \$723,818; net, \$204,190.
Central of New Jersey.—A full abstract of the reorganization scheme now pending was published in the CHRONICLE, V. 26, p. 215.
Chicago & Ill. Riv., 1st mort. (\$174,000 guar.)... 28 1875 1,000 1,000,000
Chicago, Burlington & Quincy.—Stock 1620 1878 100 27,644,916
Chicago, Burlington & Quincy.—Stock 1620 1878 100 27,644,916
Chicago, Burlington & Quincy.—Stock 1620 1878 100 27,644,916

in 1866 for 20 years; rent 35 per cent of gross receipts for five years, and 40 after. Pays 6 per cent dividends.
Central Pacific.—A part of the Southern Pacific line is leased. The annual report for 1877, including the land agent's report, also gross and net earnings to June 30, 1878, was given in the CHRONICLE, V. 27, p. 459.
Charlotte, Columbia & Augusta.—Stock is \$2,578,000, and \$183,500 of old Col. & Ang. bonds are yet out, due 1890.
Cherry Valley, Shar. & Al.—Transferred to Delaware & Hudson Canal Co., April, 1875. Interest unpaid in December, 1875.
Chesapeake & Ohio.—Sold in foreclosure April 2, 1878, for \$2,750,000 and re-organized, with securities as above, when all are issued.
Cheshire.—Net income, 1877-'78, \$78,019. New 6 per cent bonds for \$536,000 authorized, to redeem bonds of 1880.
Chester Valley.—In hands of trustees and leased to Philadelphia & Reading. Coupons due 1860, paid May, 1876.

Chicago & Alton.—The report for 1877 is given at length in V. 26, p. 212, and shows gross earnings of \$4,464,343, and net earnings of \$2,107,337, against \$2,269,467 in 1876.
Chicago Burlington & Quincy.—Purchased in Oct., 1876, St. L. Rock Is. & Chic. road, for \$1,570,000 in gold.
Chicago & Canada Southern.—Connection of Canada Southern. Interest in default.
Chicago, Cincinnati & Louisville.—No information furnished.
Chicago Clinton Dubuque & Minn.—This is the final reorganization of the Chic. Clin. & Dubuque and Chic. Dub. & Minn. roads. (V. 27, p. 331.)

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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 on first page of tables.								
Chic. & East. Ill.—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 do	Dec., 1907
Chicago & Iowa—1st mort., coup., may be reg.	80	1871	1,000	1,750,000	8	J. & J.	New York and Boston.	July 1, 1901
Chicago, Iowa & Nebraska—Stock.	82		100	3,916,200	5	J. & J.	Boston, by Treasurer.	July 1, 1878
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
Chic. & L. Huron—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
Chic. & Mich. L. Shore—1st M., New Buff. to St. Jo.		1869	1,000	477,000	8	M. & S.	Bost., Treasurer's office.	Sept. 1889
1st mortgage, main line.		1870	1,000	3,523,000	8	J. & J.	do do	July, 1890
1st mortgage, on branches.		1871	1,000	1,350,000	8	M. & N.	do do	Nov., 1891
1st mortgage, on Muskegon & Big R. Branch.	52	1872	1,000	1,280,000	8	M. & S.	do do	Sept. 1, 1892
Chicago, Milwaukee & St. Paul—Com. stock.	1,412		100	15,404,261	7 s.	J. & J.	New York, Office.	Jan., 1871
Preferred st'ck (7 p. c. y'ly, not cumulative).	1,412		100	12,279,483	3 1/2	A. & O.	do do	Oct. 15, 1878
Consolidated mortgage (for \$35,000,000).		1875	1,000	7,341,000	7	J. & J.	do do	July 1, 1905
1st mortgage (Lacrosse Div.)	370	1863	1,000	6,600,000	7	J. & J.	do do	1893
2d mortgage.	370	1864	1,000	600,000	7	A. & O.	do do	1884
1st mortgage (Iowa & Minnesota)	220	1867	1,000	3,810,000	7	J. & J.	do do	1897
1st mortgage (Minnesota Central)	49	1864	1,000	190,000	7	J. & J.	do do	1894
1st mortgage (Iowa & Dakota)		1869	1,000	640,000	7	J. & J.	do do	1899
1st mort., Ia. & Dak. Exten. (\$15,000 p. m.)	100	1878	1,000	(?)	7	J. & J.	do 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 do	1898
Milwaukee & Western		1861	1,000	234,000	7	J. & J.	do 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	213,000	7	J. & J.	New York, Office.	1902
1st mortgage, Chicago & Mil. line.	85	1873	1,000	2,500,000	7	J. & J.	do do	1903
Western Union, 1st mortgage.	197	1866	1,000	3,500,000	7	F. & A.	N.Y., Mil. & St. Paul RR.	Feb. 1896
Chicago & Northwestern—Common stock.	1,459		100	14,988,807	3	J. & D.	New York, Co.'s Office	June 27, 1878
Preferred st'ck (7 p. c. y'ly, not cumulative).	1,459		100	21,525,602	3 1/2	F. & A.	do do	June 27, 1878
Bonds, pref. (sink'g fund), 1st mort., Chic. to Osh.	193	1859	100 &c.	1,214,100	7	J. & A.	do do	Aug. 1, 1885
Interest bonds, funded coup., 2d m., Chic. to Osh.	193	1862	100 &c.	708,600	7	M. & N.	do do	Nov. 1, 1883
1st mort., general, 3d mort., Chic. to Oshkosh.	193	1859	100 &c.	3,477,800	7	F. & A.	do do	Aug. 1, 1885
Appleton exten., 1st mort. on 23 miles and land.	23		500 &c.	116,000	7	F. & A.	do do	Aug. 1, 1885
Green Bay exten., 1st mort. on 26 miles and land	26	1862	500 &c.	235,000	7	F. & A.	do do	Aug. 1, 1885
1st mort., Galena & Chicago Un. RR. extended.	248	1853	1,000	1,660,000	7	F. & A.	do do	Feb. 1, 1882
Mississippi River Bridge b'ds, lien on net earnings			1,000	158,000	7	J. & J.	do do	Jan. 1, 1884
1st mort. (Peninsular RR.) on roads and lands.	74	1863	1,000	272,000	7	M. & S.	do do	Sept. 1, 1898
1st mortgage (Beloit & Madison Railroad)	46	1863	1,000	249,000	7	J. & J.	do 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 do	Feb. 1, 1915
Madison extension, 1st mort., sinking fund, gold.	126	1871	500 &c.	3,150,000	7 g.	A. & O.	do do	April 1, 1911
Chicago & Milwaukee, 1st mortgage, 2d lien.	85		1,000	1,700,000	7 g.	J. & J.	do do	July 1, 1898
Menominee River, 1st mort., guar.	25	1876		400,000	7	J. & J.	do do	July 1, 1906
Menominee extension, 1st mortgage, gold.	120	1871	500 &c.	2,700,000	7 g.	J. & D.	do do	June 1, 1911
Gen. cons mort., gold, coup. or reg. (\$48,000,000)	1,058	1872	500 &c.	12,343,000	7 g.	J. & D.	do do	Dec. 1, 1902
Winona & St. Peter, 1st mort., guar by Chic. & N.W.	137	1870-1	1,000	2,750,000	7	J. & J.	do do	Jan. 1, 1887
do 2d mort., do do	137	1871-1	1,000	1,650,000	7	M. & N.	do do	Nov. 1, 1907
do 1st M. exten, gld, land gr., s. f.	175	1871	100 &c.	4,375,000	7 g.	J. & D.	do do	Dec. 1, 1916
Iowa Midland, 1st mort., guar. by Chic. & N. W.	75	1870	1,000	1,350,000	8	A. & O.	do do	Oct. 1, 1900
Northwestern Union, 1st mortgage, gold.	62	1872	500 &c.	3,500,000	7 g.	M. & S.	do do	June 1, 1917
Minnesota Valley, 1st mortgage.				150,000	7			
Rochester & No. Minnesota, 1st mortgage.				200,000	7			
Plain View Railroad, 1st mortgage.				100,000	7			
Chicago & Paducah—1st mortgage.	156	1873	1,000	2,961,000	7	J. & J.		July 1, 1903
Chicago, Pekin & Southwestern—1st mortgage.	70	1871	1,000	700,000	8	F. & A.	N. Y., Farn. L. & T. Co.	Aug. 1, 1901
2d mortgage.	64	1871	1,000	300,000	8	A. & O.		1891
Chicago, Rock Island & Pacific—Stock.	732		100	20,979,800	2	Q.—F.	New York, Co.'s Office.	Nov. 1, 1878
Branch bonds (sinking fund \$40,000 per yr.)		1875	1,000	916,000	6	F. & A.	do do	Aug. 1, 1895
1st mortgage (for \$12,500,000) coup. or reg.	636	1877	1,000 &c.	9,000,000	6	J. & J.	do do	July 1, 1917
Chic. & Southw., 1st M. g. (g'd in cur. by C.R.I. & P.)	271	1869	100 &c.	5,000,000	7	M. & N.	do do	Nov., 1890
Iowa South, & Missouri North, RR. stock				5,000,000	2	Q.—F.	do do	Nov. 1, 1878
Chic. St. Louis & N. O.—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 do	Oct. 1, 1890
1st mortgage, (Mississippi Central)	185	1854	500 &c.	896,500	7	M. & N.	do do	Nov. '74, '79 '84
2d mortgage, do	185	1865	100 &c.	1,600,000	8	F. & A.	do do	Nov. 1, 1886
Chic. St. Louis & N. O. 1st mort. (for \$13,000,000)	567	1877		1,791,000	7	M. & N.	do do	Nov. 1, 1897
do 2d mort. (for \$8,000,000)	567	1877		?	6	J. & D.	do do	Dec. 1, 1907
Chicago St. Paul & Minneapolis—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 do	May, 1898
Cincinnati, Hamilton & Dayton—Stock.	60		100	3,500,000	4	A. & O.	N. Y., Winslow, L. & Co.	April, 1873
1st mortgage of 1853.	60	1853	1,000	1,246,000	7	M. & N.	do do	May 1, 1880
2d do 1865.	60	1865	1,000	494,000	7	J. & J.	do do	July 20, 1885
Consol. mort. (for \$3,000,000), sink. fund 1 p. c.	60	1875	1,000	1,500,000	7	A. & O.	do do	Oct., 1905
Cin. Ham. & I. (Junction) RR., 1st mort., guar.	98	1873	1,000	1,846,000	7	J. & J.	do do	Jan., 1903
Cincinnati, Lafayette & Chicago—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 do	Nov. 1, 1914
Cincinnati & Muskingum Valley—1st mortgage.	148	1870	1,000	1,500,000	7	J. & J.	New York, Moran Bros.	Jan., 1901
Cin., Richmond & Chic.—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 do	Jan. 1, 1889
Cin. Richmond & Ft. W.—1st mort., gold, guar.	90	1871	1,000	1,800,000	7 g.	J. & D.	N. Y., Winslow, L. & Co.	June, 1921

Chicago & East. Illinois.—Chic. Danv. & Vinc. sold in foreclosure, and re-organized. On income bond interest is to be paid as earned, not over 7 per year. (V. 25, p. 49, 334, 456, 431, 618; V. 26, p. 264, 315, 419; V. 27, p. 425, 486, 513.)

Chicago & Iowa.—Sold Mar. 9, 1878, in foreclosure of 2d mortgage of \$1,150,000, and a re-sale ordered. Compromise effected. (V. 25, p. 138, 307; V. 26, p. 166, 264; V. 27, p. 49, 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. To be sold in foreclosure under the sectional mortgages. (V. 24, p. 275; V. 25, p. 90, 212, 283; V. 26, p. 116; V. 27, p. 403, 487.)

Chic. & Mich. Lake Shore.—In default since July, 1873, except on the \$477,000. Foreclosure sale made Nov. 16, 1878. (V. 24, p. 493; V. 26, p. 495, 599; V. 27, p. 227, 538.)

Chic. Mil. & St. Paul.—Net earnings 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. The law was modified, and with April, 1876, higher rates again took effect. Annual report for 1877, V. 26, p. 364. The following is a comparison for three years of operations, and financial condition at the close of year:

	1877.	1876.	1875.
Miles.....	1,412	1,399	1,399
Stock.....	\$27,683,744	\$27,673,744	\$27,673,744
Debt.....	29,954,500	30,010,500	27,129,000
Earnings....	8,114,894	8,054,171	8,255,743
Op. expenses.	4,540,433	4,953,321	5,170,354
Net earnings.	3,574,460	3,100,847	3,085,389

Of consol. bonds of 1875 enough are reserved to take up old debt. Dividends have been paid since 1869—on pref. stock—in 1878 10 1/2 cash, in 1877 3 1/2

cash, 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. (V. 25, p. 138, 431; V. 26, p. 117, 264, 599; V. 27, p. 172, 251, 332, 382, 461.)

Chicago & Northwest.—The fiscal year ends with May. The last annual report will be found in the CHRONICLE, V. 27, p. 170. The net surplus of the year on the Chic. & Northwest. lines proper, after paying interest, was \$3,147,255, and on the whole system, including proprietary roads, \$2,464,487. The net deficit on proprietary roads was \$682,688, including the interest on their bonds. Lands of the company are 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.....	11,877,500	6,517,680	5,359,819
1875-76.....	12,773,711	7,408,957	5,364,754
1874-75.....	12,707,726	7,984,694	4,723,031

All other bonds, including those of proprietary roads, may be absorbed by the gold loan, and that amount is reserved from the \$48,000,000. Dividends have been paid as follows: 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; Dec., 1870, 5 on both; June, 1870, 2 on pref.; Dec., 1869, 5 on pref., 4 on com.; June, 1863, 5 on both; Dec., 1868, 5 on both. (V. 25, p. 160, 444, 532; V. 26, p. 469, 574; V. 27, p. 140, 170, 372, 426.)

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

Chic. Pek. & Southw'n.—Receiver appointed June, 1877. Net earnings 1876-7, \$58,241. (V. 25, p. 16, 618.)

Chicago Rock Island & Pacific.—In 1877-8 gross receipts were \$7,835,370; net receipts, \$3,511,356; divi-

dend payments (8 p. c.) \$1,678,324; surplus for the year, \$665,617. 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 Peoria & Rock Island road. Keokuk & Des Moines RR. was leased Oct. 1878. (V. 25, p. 15, 230, 476; V. 26, p. 571, 99, 623, 653; V. 27, p. 514.)

Chic. St. L. & N. O.—Operated as a connecting line with Illinois Central. Formed by a consolidation after foreclosure in 1877. Gross earnings 1877, \$3,100,595; net earnings, \$476,744. (V. 25, p. 212, 308, 432, 458,

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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 Pay'ble, Where Payable and by Whom), Bonds—Princ- pal, When Due, Stocks—Last Dividend.

Cincinnati, Sandusky & Cleveland.—In the year ending June 30, 1878, gross earnings were \$714,323; expenses, \$524,917; net earnings, \$189,406. Six coupons on 2d mort. bonds funded, beginning with June, 1877. (V. 25, p. 380, 407, 430, 510, 531; V. 26, p. 116, 141; V. 27, p. 303, 382, 461.)

Cincinnati & Springfield.—Leased in perpetuity to Clev. Col. C. & I., with guarantee of interest; on first mortgage, half of interest is also guaranteed by Lake Sh. & M. S. (V. 23, p. 232.)

Cincinnati, Wabash & Michigan.—Some bonds held by L. Sh. & Mich. So'n. but no indorsement by that company. Went into trustees' hands Jan., 1878 (V. 26, p. 40, 166, 192, 367.)

Cleveland, Columbus, Cincinnati & Indianap.—Annual report in V. 26, p. 287. Net earnings 1877, \$438,778, against \$702,917 in 1876. (V. 24, p. 249 320; V. 25, p. 510; V. 26, p. 287.)

Cleveland & Mahoning Valley.—Is leased to Atlantic & Great Western. (V. 20, p. 85, 139; V. 23, p. 232, 403.)

Cleveland, Mount Vernon & Delaware.—Defaulted July, 1874, and coupons due then and one-half of coupons from Jan. 1, 1875, to and including July 1, 1877, were postponed to Jan. 1, 1885, and the remaining half to be paid, but this failed July, 1877, and negotiations are pending. Gross earnings 1877, \$338,896; expenses, \$307,171; net, \$31,724. Interest charge, \$121,982. (V. 22, p. 350; V. 24, p. 248.)

Cleveland & Pittsburgh.—Leased to Pennsylvania Railroad at 7 per cent on stock, besides expenses and interest, and transferred to Pennsylvania Co. In 1877 there was a net deficit of \$207,111 to lessee. (V. 24, p. 63; V. 26, p. 67, 287.)

Cleveland, Tuscarawas Valley & Wheeling.—This road was sold under a 2d mortgage, Jan. 27, 1875, and re-organized. Gross earnings, 1877, \$491,463; net, \$181,523. (V. 24, p. 563; V. 26, p. 289.)

Colebrookdale.—Leased to Philadelphia & Reading. No dividends paid on stock.

Colorado Central.—Built mainly by Union Pacific, which holds the bonds, \$5,270,593 in all. (V. 23, p. 183; V. 26, p. 625.)

Columbus & Hocking Valley.—Gross earnings, 1877, \$828,899; net, \$357,755, against \$386,931 in 1876. (V. 24, p. 395; V. 25, p. 90; V. 26, p. 390.)

Columbus, Chicago & Indiana Central.—On Jan. 22, 1869, it was leased (amended Feb. 1, 1870) by the Pittsburgh Cin. & St. Louis, guaranteed by Penn. Railroad. The amended lease guaranteed interest on \$15,821,000 of first and second bonds. Aug., '74, default was made on the \$5,000,000 seconds. April 1, 1875, defaulted on 1st mort. The guarantee of interest was absolute, but the Pennsylvania Railroad claims that the C. C. & I. C. Co. did not fulfill all its part. Bondholders claim that no such failure after bonds had been sold with the guaranty could prejudice their rights. The case was argued before Justice Harlan of U. S. Circuit Court, Aug., 1873. Interest on most of the old prior bonds has been taken up. (V. 23, p. 40, 254, 547; V. 24, p. 157 420, 589; V. 25, p. 62, 113, 495; V. 26, p. 163, 389, 522, 574; V. 27, p. 112, 199.)

Columbus & Toledo.—Gross earnings, '77, first year of operation, \$330,882; net, \$119,602. (V. 26, p. 390.)

Columbus & Xenia.—This road is leased to the Little Miami Co., and both roads for 99 years to Pittsburgh Cin. & St. Louis Co.; the lease is guaranteed by Pennsylvania Railroad, and the terms are 8 per cent on stock and interest on bonds.

Concord.—Net receipts in 1877-8, \$340,453. (V. 24, p. 541; V. 26, p. 521.)

Concord & Portsmouth.—Leased to Concord RR. at \$25,000 per year.

Connecticut & Passumpsic.—Annual report to June, 1878, showed net earnings for year \$22,590, against \$244,340 in 1876. The new mortgage of \$1,500,000 will retire previous issues. (V. 23, p. 301, 547; V. 25, p. 211, 431; V. 26, p. 367.)

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

Connecticut River.—Net income 1877-8, \$205,686, against \$201,911 in 1876-7. (V. 23, p. 500; V. 26, p. 94; V. 27, p. 537.)

Connecticut Valley. In default and surrendered to State Treasurer as trustee for bondholders. Net earnings, 1876-7, \$59,019. (V. 23, p. 40, 575, 622; V. 25, p. 616; V. 26, p. 18, 40.)

Connecting.—Leased to Philadelphia & Trenton, and operated by Pennsylvania; terms, 6 per cent on \$1,278,300 stock, and interest on the bonds.

Cumberland & Pennsylvania.—Owned and operated by Consolidation Coal Co., which guarantees 2d mortgage. Stock \$1,500,000. (V. 22, p. 415.)

Cumberland Valley.—The stock is owned in large part by Pennsylvania Railroad Co. Net earnings, 1877, \$254,253. Large advances have been made to branch roads. (V. 24, p. 135; V. 26, p. 493.)

Dakota Southern.—The earnings of the road are reported at \$207,000 in 1877, and net earnings \$100,000. Second mortg. bonds for \$600,000 were cancelled and pref. stock issued. S. fund is 4 p. c. in 1879 and 5 p. c. afterwards. (V. 25, p. 609; V. 26, p. 334.)

Danbury & Norwalk.—Gross earnings, 1876-77, \$165,245; expenses, \$114,969; net earnings, \$50,275. (V. 26, p. 141.)

Danville, Urbana, Bloomington & Pekin.—This is a part of the Indianapolis Bloomington & Western, now in default. See I. B. & W.

Davenport & Northwestern.—Organized June, 1876, after foreclosure. Gross earnings 1877, \$201,510; net, \$32,983.

Dayton & Michigan.—Leased in perpetuity to Cin. Ham. & Dayton, which pays interest on bonds, and guarantees dividends on stock, holding itself \$1,398,100 of the common. (V. 21, p. 62.)

Dayton & Western.—Leased to Little Miami, and with that to Pittsb. Cin. & St. L. About \$90,000 of old ext. mortg. bonds of 1881, are yet out, which will be retired shortly.

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>Delaware Railroad</i> —Stock	85	1859	\$50	\$1,430,216	3	J. & J.	Dover, Co.'s Office.	July 2, 1878
Extension mortgage	13	1859	100,000	100,000	6	J. & J.	Phila., Girard Nat. Bank	Jan. 1, 1880
Mortgage bonds, convertible, guar. P. W. & B.	85	1875	1,000	650,000	6	J. & J.	Phila., Fidelity I.T. & S. Co	July 1, 1895
<i>Delaware & Bound Brook</i> —1st mortgage	27	1875	50	1,500,000	7	F. & A.	Philadelphia.	August, 1905
<i>Delaware, Lackawanna & Western</i> —Stock	195	1856	500 &c.	26,200,000	2½	Q.—J.	New York, Office.	July 20, 1876
2d mortgage (Delaware, Lackawanna & Western)	115	1877	500 &c.	1,633,000	7	M. & S.	do do	March 1, 1881
Mortgage on roads and equip't (for \$10,000,000)	288	1877	1,000	1,495,000	7	M. & S.	do do	Sept. 1, 1907
Bonds (convertible June 1, 1875 to '77)	60	1872	100 &c.	600,000	7	J. & D.	do do	June, 1892
Lackawanna & Bloomsb., 1st mort. (extension)	25	1858	100 &c.	370,900	7	M. & S.	do do	March, 1885
do do 2d mortgage	22	1870	1,000	209,000	7	A. & O.	do do	April 15, 1880
<i>Denver & Boulder Valley</i> —Mortgage bonds, coup.	106	1869	1,000	550,000	7 g.	M. & N.	N.Y., Lond. & Frankft.	Nov. 1, 1900
<i>Denver Pacific</i> —1st mortgage, gold, land grant	291	1876	500 &c.	2,350,000	7 g.	M. & N.	N. Y., Bk. of Commerce.	May 1, 1899
<i>Denver & Rio Grande</i> —1st mort., gold, sink. fd.	43	1876	1,000	6,382,500	7 g.	M. & N.	N. Y., Rutten & Bonn.	Nov. 1, 1900
Arkansas Valley, 1st mortgage	88	1874	1,000	1,040,000	7 g.	M. & N.	do do	Nov. 1, 1900
<i>Des Moines & Fort Dodge</i> —1st mortgage, coupon	182	1877	500 &c.	2,200,000	6	J. & J.	New York.	Jan. 1, 1904
<i>Detroit, Lansing & North</i> —1st mortgage	59	1869	1,000	1,897,000	7	J. & J.	Boston, Co.'s office.	Jan. 1, 1907
Ionia & Lansing, 1st mort., coup., may be reg.	59	1870	1,000	770,000	8	J. & J.	do do	July 1, 1889
do do 2d mortgage do do	189	1855	250 &c.	81,000	8	M. & N.	do do	May 1, 1880
<i>Detroit & Milwaukee</i> —1st mortgage bonds	189	1856	500 &c.	2,500,000	7	M. & N.	N.Y., M.K. Jesup, P. & Co.	May 15, 1875
2d mortgage, April 28, 1856	186	1860	Various	1,000,000	8	M. & N.	do do	May 15, 1875
1st funded coupons, Nov. 15, 1860	186	1863	Various	628,525	7	J. & J.	do do	May 15, 1875
2d funded coupons, Nov. 13, 1863	186	1866	500 &c.	377,115	7	M. & N.	do do	May 15, 1875
Bonds of June 30, 1866 (conditional)	185	1853	100 &c.	1,702,519	6 & 7	J. & J.	New York & Detroit.	July 1, 1886
Sterling (Oak, & Otta. RR.) Oct. 1, 1853, gold	185	1853	500 &c.	150,866	6 g.	M. & N.	New York & London.	Nov. 15, 1873
Dollar (Oak, & Otta. RR.) bonds, Oct. 1, 1853	185	1851	1,000	51,000	7	M. & N.	N.Y., M.K. Jesup, P. & Co.	Nov. 15, 1873
1st mort. (Detroit & Pontiac RR.), April 1, 1851	185	1854	1,000	150,000	7	A. & O.	do do	April 1, 1878
3d mortgage (Detroit & Pontiac RR.), Feb. 1854	185	1853	1,000	250,000	8	F. & A.	do do	Feb. 15, 1883
2d mortgage, (Detroit & Pontiac RR.), Jan. 1853	186	1866	1,000	100,000	7	J. & J.	do do	Jan. 1, 1878
Bonds of Sept. 1, 1866, (Limit \$300,000)	186	1866	1,000	110,000	7	M. & S.	do do	Sept., 1 1886
Bonds & mortgage on Detroit real estate	143	1863	500	103,266	10	Various	Detroit office.	Various.
<i>Dubuque & Sioux City</i> —Stock	143	1863	500	5,000,000	2½	A. & O.	N.Y., M.K. Jesup, P. & Co.	Oct. 15, 1878
1st mortgage, 1st division	100	1864	500 &c.	296,000	7	J. & J.	do do	1883
1st mortgage, 2d division (for \$1,400,000)	43	1863	500	586,000	7	J. & J.	do do	1894
<i>Dubuque Southwestern</i> —1st mort., pref., sink. fd.	55	1863	1,000	81,500	7	J. & J.	N.Y., M.K. Jesup, P. & Co.	July, 1883
1st mortgage, Oct. 1, 1863	55	1863	1,000	450,000	7	A. & O.	do do	Oct., 1883
<i>Dunkirk, Allegh. Valley & Pittsburg</i> —1st mort., gold	90	1870	1,000	2,000,000	7 g.	J. & D.	N.Y., N.Y. Cent. & Hud.	June, 1890
2d mortgage	90	1870	1,000	1,000,000	7	A. & O.	do do	Oct. 1, 1890
3d mortgage	90	1870	1,000	200,000	7	A. & O.	do do	Oct. 1, 1890
<i>East Broad Top</i> —1st mortgage, registered	30	1873	1,000	500,000	7	J. & J.	Philadelp. Co.'s Office.	July 1, 1903
<i>East Pennsylvania</i> —Stock	36	1858	100 &c.	1,309,200	3	J. & J.	Phila., by P. & R. RR.	July 16, 1878
1st mortgage	36	1870	100	495,900	7	M. & S.	Phila., P. & R. office.	Mar. 1, 1888
<i>East Tennessee, Virginia & Georgia</i> —Stock	270	1870	1,000	1,968,274	3	A. & O.	N. Y., R. T. Wilson & Co.	April 1, 1876
1st mortgage sinking fund bonds	242	50-56	1,000	3,019,000	7	J. & J.	N. Y., Gallatin Nat'l B'k	July 1, 1900
East Tenn. & Georgia (\$92,000 are endorsed)	112	1856	1,000	862,400	6	J. & J.	N. Y., R. T. Wilson & Co.	1880 to 1886
East Tennessee and Virginia (endorsed)	130	1856	1,000	147,000	6	M. & N.	do do	May 1, 1886
2d mortgage to U. S. Government	282	1876	100	190,000	4	J. & J.	Boston.	July 15, 1873
<i>Eastern (Mass.)</i> —Stock	282	1856	100	4,997,600	3	M. & S.	do	Sept. 15, 1896
Essex RR. 1st mort. (extended for 20 years)	1876	1876	100 &c.	194,400	6	M. & S.	Boston and London.	Sept., 1906
Old loans exchangeable (int. ceased Sept., '76)	39	1860	100 &c.	760,038	3½ g.	M. & S.	Phila., Girard Nat. B'k.	Jan. 1, 1880
Mortgage funding certificates	39	1866	100 &c.	12,522,338	6	J. & J.	do do	Apr. 1, 1886
<i>Eastern Shore, (Md.)</i> —1st mortgage, convertible	39	1866	100 &c.	400,000	6	A. & O.	do do	Sept., 1878
2d mortgage, convertible	39	1866	100 &c.	200,000	5	Sept.	Baltimore, N. Cent. RR.	Nov., 1878
<i>Elmira Jeff. & Canandaigua</i> —Stock	47	1860	50	500,000	2½	M. & N.	Phila., Penn. R. R. Co.	July, 1878
<i>Elmira & Williamsport</i> —Stock common	75	1860	50	500,000	3½	J. & J.	do do	Jan. 1, 1880
Preferred stock	75	1863	500	500,000	5	A. & O.	Phila., Penn. R. R. Co.	Oct. 1, 2862
1st mortgage bonds	75	1863	500	570,000	5	Q.—M.	N. Y., Union Trust Co.	Sept. 10, 1878
Income bonds, 999 years to run	100	1862	100 &c.	1,998,400	1¾	J. & J.	do do	July 1, 1882
<i>Erie & Pittsburg</i> —Stock	81½	1865	100 &c.	291,700	7	A. & O.	do do	April 1, 1890
1st mortgage, convertible into consolid. mort.	81½	1868	1,000	92,300	7	J. & J.	do do	July 1, 1898
2d mortgage, convertible	81½	1868	1,000	2,193,000	7	A. & O.	do do	Oct. 1, 1890
Consolidated mortgage free of State tax	81½	1868	1,000	745,000	7	A. & O.	do do	Jan. 1, 1889
Equipment bonds	56	1869	1,000	1,000,000	6	J. & J.	Boston.	Mar. 1, 1899
<i>Europ'n & N. Am.</i> —1st M., Bang'r to Winn., Bang'r'n	58	1869	500 &c.	2,000,000	6 g.	M. & S.	New York and Boston.	Apr. 1, 1899
Land grant 1st mort. (2d mort. Bangor to Winn.)	49	1852	1,000	814,000	6 & 7	A. & O.	Boston, Second N. Bank	Jan. 1, 1887
Bangor & Piscataquis, Bangor loan, 1st mortg.	51	1854	1,000	281,000	7	J. & J.	N.Y., Farm. L'an & T. Co.	Nov. 1, 1887
<i>Evansville & Terre Haute</i> —1st m., Ev. & Ill., s. f.	109	1860	500 &c.	611,000	7	M. & N.	do do	Nov. 1, 1880
1st mort., sinking fund (Evansville to Terre H.)	23	1870	1,000	125,500	7 g.	M. & N.	N.Y., Farm. L'an & T. Co.	May 1, 1900
Rockville extension	55	1873	1,000	775,000	7 g.	J. & J.	do do	Jan. 1, 1903
<i>Evansville, Terre Haute & Chic.</i> —1st mort., gold	189	1874	1,000	325,000	3½	J. & J.	Boston Office.	July 1, 1878
2d mortgage, gold	189	1874	1,000	5,000,000	7	A. & O.	do	April 1, 1894
<i>Fitchburg</i> —Stock	283	1872	1,000	500,000	8	M. & N.	N.Y., Merch'nts' Ex. B'k.	May, 1902
Bonds, coupons (\$4,000,000 authorized)	283	1868	1,000	3,298,200	8	M. & S.	N. Y., Mechan. Nat. B'k.	Sept. 1, 1888
<i>Flint & Pere Marquette</i> —Stock	190	1868	500 &c.	2,058,000	10	M. & N.	do do	May 1, 1888
Consolidated mortgage, sinking fund	17	1867	500 &c.	386,500	10	J. & J.	Newark, N. J., Sav. Ins.	July 1, 1882
1st mort., land grant, 3d series	13	1867	500	100,000	10	M. & S.	New York.	Sept. 1, 1887
Flint & Holly RR. (sink'g fund \$25,000 per year)	13	1867	500	75,000	8	J. & J.	do	Jan. 1, 1876
Bay City, E. Saginaw, 1st mort., guar by lessees	65	1871	1,000	47,405	8	J. & J.	N. Y., Mech. Nat. Bank.	Jan. 1, 1901
Bay County, issued in aid, guar by lessees				1,000,000				
Construction bonds								
Holly, Wayne & Monroe, 1st mort., sinking fund								

Delaware.—Leased by Phila. Wilmington & Baltimore 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 1877, 30 p. c. was \$125,941. (V. 26, p. 141.)

Delaware & Bound Brook.—Part of the new route between N. Y. and Phila. Gross earnings 1877, \$238,466; net, \$67,044. Floating debt, \$259,033. (V. 22, p. 209, 257; V. 26, p. 342.)

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 1877 the income account is given thus:
 Net earnings from transportation \$4,401,853
 Less loss in Coal Department, &c 1,922,660
 Balance of earnings \$2,479,193
 Interest on bonds \$201,957
 Rentals for 1877 3,185,262—3,387,219
 Loss for year 1877 \$908,021

The mortgage authorized for \$10,000,000 is to take up prior bonds with \$2,820,000, and the balance for cash resources. The Morris & Essex Railroad is leased and some of its bonds guaranteed. (V. 24, p. 181, 605; V. 25, p. 457; V. 26, p. 191.)

Denver & Boulder Valley.—This road is leased to the Denver Pacific.

Denver Pacific.—Land grant, 1,100,000 acres. In 1876 gross earnings were \$331,145; net earnings, \$165,537. Receiver appointed April, 1878. (V. 25, p. 62, 476; V. 26, p. 342, 408, 414, 549; V. 27, p. 253, 274.)

Denver & Rio Grande.—Narrow-gauge road. Leased from December 1, 1878, for thirty years to Atch. Top. & Santa Fe, at 43 per cent of gross earnings first year and thence decreasing. (V. 24, p. 444; V. 26, p. 199; V. 27, p. 67, 227, 331, 382, 434, 514, 539.)

Des Moines & Fort Dodge.—This is part of the Des Moines Valley, reorganized after foreclosure. Of the bonds, \$1,100,000 are incomes. Coupons of J. n., 1877, were funded. Net earnings 1877, \$18,766

Detroit Lansing & North.—The old road was sold in foreclosure December 14, 1876, and new company organized by bondholders, who issued \$1,874,600 common stock and \$2,504,000 pref. stock. Net earnings 1877, \$282,946. (V. 23, p. 599; V. 26, p. 288.)

Detroit & Milwaukee.—This road was operated by the Great Western of Canada, but defaulted in 1873, and sold in foreclosure Sept., 1878. Net earnings in 1877 were \$134,303. The Detroit & Pontiac interest has been paid. (V. 25, p. 334, 381; V. 26, p. 117, 232, 242, 367, 391, 419, 574, 599; V. 27, p. 15, 40, 67, 172, 251, 356.)

Dubuque & Sioux City.—Leased to Illinois Central, in 1867, for 20 years, at 35 per cent of gross earnings first ten years, and 36 afterwards. In 1876 gross earnings were \$973,279.

Dubuque Southwestern.—Farley to Cedar Rapids, Ia. Gross earnings, 1877, \$105,312; expenses, \$97,215. (V. 26, p. 264, 459.)

Dunkirk Allegh. Valley & Pittsburg.—A consolidation, Dec. 1, 1872. Road leased and bonds mostly held by New York Central & Hudson, which pays interest as rental.

East Broad Top.—Mainly a coal road, carrying bituminous coal. On line of road are Rockhill Iron & Coal Company's furnaces (2), with a capacity of 20,000 tons pig iron annually.

East Pennsylvania.—Leased to Philadelphia & Reading. Dividends are 6 per cent per annum.

East Tennessee Virginia & Georgia.—Leases Memphis & Charleston Railroad for its own account and risk, paying over net earnings. Gross earnings year ending June 30, 1877, were \$1,010,079; expenses, \$668,923, and net earnings, \$341,156. See annual report in V. 25, p. 406. (V. 23, p. 402; V. 25, p. 406.)

Eastern (Mass.).—Company embarrassed 1875. A general mortgage was made to fund the old issues of debt, bearing 3½ per cent for three years, 4 per cent for three years, and 6 for balance of term. In

1877-78 net income was \$629,792. The Eastern in N. H., a separate corporation, is leased. (V. 25, p. 590, 618; V. 26, p. 548; V. 27, p. 15, 251, 35, 382, 537.)

Eastern Shore.—Formerly leased, but now operated on own account since December, 1869. Bill filed for foreclosure. (V. 22, p. 297; V. 27, p. 45.)

Elmira Jeff. & Canandaigua.—Originally leased to the New York & Erie Railroad Co. and operated by it until May 1, 1876, when the lease was transferred to the Northern Central Railway Co., by which it has since been operated.

Elmira & Williamsport.—Leased in 1833 to North. Cent. for 999 yrs. Rent amounts to \$165,000 per yr.

Erie & Pittsburg.—Leased in perpetuity to the Pennsylvania Railroad and transferred to Penn. Co.; the terms guarantee 7 p. c. per annum on stock and debt. Net earnings, 1876, \$190,892. (V. 20, p. 425.)

Europ'an & North American.—Defaulted in 1875. Sterling mort. on New Brunswick Division foreclosed August, 1878. (V. 24, p. 463; V. 25, p. 113; V. 26, p. 18, 142, 418; V. 27, p. 148, 251.)

Evansville & Terre Haute.—This was the Evansville & Crawfordsville. Common stock is \$1,020,307; preferred, \$100,000. Net earnings 1877-8, \$178,748. The company paid 2½ per cent dividend Nov., 1878. (V. 25, p. 456; V. 27, p. 53.)

Evansville, Terre Haute & Chicago.—Gross earnings, 1876-7, \$203,371; net, \$70,923. (V. 21, p. 136.)

Fitchburg.—Leases Vt. & Mass. Net income, 1876-7, above rental and interest, \$26,753. Notes outstanding Sept. 30, 1877, were \$803,000. (V. 26, p. 94, 117, 391, 548.)

Flint & Pere Marquette.—Gross earnings 1877, \$997,965; net earnings, \$416,679, against \$366,074 in 1876. The lands are in five trusts; sales in 1877, 8,508 acres, for \$95,981; total net sales to Jan. 1, 1878, 275,722 acres, for \$2,277,436; lands yet unsold, 235,779 acres. Coupons on consol. bonds passed Nov., 1875, and part were funded. (V. 24, p. 297; V. 26, p. 417, 548.)

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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 Bonds—Princpal, When Due, Stocks—Last Dividend.

Florida Central.—From Jacksonville to Lake City. Bonds authorized, \$59,000. Gross earnings 1877-8, \$56,458.
Fonda, Johnstown & Gloversville.—Net earnings 1875-6, \$26,161.
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, Sept., 1877. (V. 25, p. 334, 432; V. 26, p. 469.)
Fort Wayne, Jackson & Saginaw.—Traffic guarantee 40 per cent from Mich. Cent. Interest was paid in 1877 of \$65,000, coupon due Jan., 1877, on 1st mort., and \$5,000 as third payment of \$10 on 2d mort. coupon of October, 1875. Gross earnings, 1877, \$254,321; net, \$109,669. (V. 26, p. 264; V. 27, p. 331.)
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.)
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 1877, \$178,689. (V. 24, p. 135, 181.)
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, 1878, was published in V. 26, p. 468. A comparative statement for three years was as follows:
1875-6. 1876-7. 1877-8.
Tot. gr. earn'g's... \$1,194,324 \$1,143,128 \$1,013,712
Operat'g expenses. 641,677 643,110 727,700
Net earnings 552,646 500,017 286,012

In May, 1875, this company, with the Central Ga., purchased at foreclosure sale the Western RR. of Ala. (V. 24, p. 466, 468, 495; V. 25, p. 90; V. 26, p. 468.)
Grand Rapids & Indiana.—Gross earnings 1877, \$1,097,107; net, \$348,745, against \$316,507 in 1876. Unsecured bonds are secured by the same mortgage as the guaranteed on the land grant. "Ex. Land Grant Bonds" to the amount of \$1,080,000 were a part of the original \$4,000,000 unsecured bonds; they were redeemed and are no longer a lien on the land, though still a mortgage on the road. Since Dec., 1875, 1st mortgage bonds redeemed by sinking fund are repaid by income bonds issued to Continental Improvement Co. The Penn. railroad virtually buys the coupons paid by it, and holds them. (V. 24, p. 563; V. 25, p. 334; V. 26, p. 95, 192, 239, 443, 548, 625.)
Grand Trunk (Canada).—The above figures represent pounds sterling. Net earnings in half year ending July 1, 1878, £213,750. Interest, rentals, &c., £212,541. (V. 26, p. 265, 443; V. 27, p. 95, 148, 382, 408, 460.)
Great Western (Canada).—The above figures are given in pounds sterling. For the half year ending July 31, 1878, the gross receipts were £377,485; working expenses, £231,998; net earnings, £90,337. (V. 26, p. 265, 443, 574; V. 27, p. 94, 383, 513.)
Greenville & Columbia.—This company defaulted but compromised with its bondholders. Net earnings 1877, \$180,614. (V. 22, p. 110; V. 26, p. 547; V. 27, p. 327.)
Hannibal & St. Joseph.—The company has about \$2,500,000 in land notes, and about 100,000 acres yet unsold. In 1877 gross earnings were \$1,931,365; net, \$795,478. Interest charge, \$690,000. The bonds secured on land notes have a sinking fund of \$25,000 per year. (V. 25, p. 162, 186, 237, 381, 407, 432, 592; V. 26, p. 242, 390, 625; V. 27, p. 279, 487.)
Harrisburg Ports. 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 1876-7 were \$59,407; net, \$154,630. (V. 23, p. 232; V. 24, p. 274.)

Houston & Texas Central.—Gross earnings for ten months ending Feb., 1878, were \$2,351,412; net, \$937,797. Company owns 5,240,000 acres land against first and consol. mortgage-s, and other lands and lots against income bonds. (V. 25, p. 357; V. 26, p. 40, 296, 334.)
Huntingdon & Broad Top.—Capital stock is \$2,052,800. Gross earnings in 1876 were \$270,441; net, \$143,815. Interest passed on 3d mortgage bonds. (V. 22, p. 206; 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 has become interested in the purchase of the N. O. Jack. & Gt. North on foreclosure, and has a similar interest in the Miss Cent., sold under consol. mortgage. In July, 1877, took the Chic. & Spring. under lease, and issued the bonds secured on that road. Annual report for 1877 (V. 26, p. 164) gives causes for decrease in earnings, prospects, &c. Following is a comparison for four years:
Year. Gross Earnings. Net Earnings. Interest.
1877. \$6,639,845 \$2,546,561 \$582,990
1876. 7,040,969 2,141,776 616,792
1875. 7,802,556 2,670,081 661,098
1871. 7,900,721 2,775,362 413,610
(V. 24, p. 111, 134, 158, 368, 444, 518; V. 25, p. 432, 458; V. 26, p. 164, 548, 574.)
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 1876-7, \$349,567. Western extension deficit on operations, \$45,106. (V. 26, p. 67, 190, 420, 470, 548; V. 27, p. 41, 148, 172, 199, 223, 357, 383, 435, 461, 486.)
Indianapolis, Cincinnati & Lafayette.—The company defaulted July, 1876, and Mr. Ingalls, President, was appointed receiver. Gross earnings 1877-8, \$1,309,037; expenses, \$814,697; net earnings, \$494,339. (V. 25, p. 182, 380; V. 26, p. 265, 625; V. 27, p. 172, 303, 354, 333.)

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

DESCRIPTION. For explanation of column headings, &c., see notes at the head of 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 Pay'ble	Where Payable and by Whom.	
<i>Indianapolis Dec. & Spr.</i> —1st M., gold (for \$1,800,000) 2d mort., (income bonds only till July, 1881).....	85	1876	\$1,000	\$38,000	7 g.	A. & O.	New York, Co.'s Office.	Jan. 1, 1906
<i>Indianapolis & St. Louis</i> —1st mort., in 3 series.....	71	1869	1,000	2,000,000	7	Various	N. Y., Union Trust Co.	July 1, 1919
2d mortgage.....	71	1870	1,000	917,000	7	A. & O.	do do	Oct. 1, 1900
Equipment bonds.....	.....	1871	1,000	500,000	8	J. & J.	do do	July 1, 1881
<i>Indianapolis & Vincennes</i> —1st mortgage, guar.....	117	.....	500 &c.	1,700,000	7	F. & A.	N. Y., Farm. L. & T. Co.	1908
2d mortgage, guaranteed.....	117	.....	1,000	1,450,000	6	M. & N.	do do	1900
<i>International & Great Northern</i> —Consol. stock.....	519	.....	.....	5,500,000	.....	.....	.....	.....
International, 1st mortgage, gold.....	204	1871	1,000	3,264,000	7 g.	A. & O.	N. Y., National City B'k	April 1, 1911
Houston & Great Northern, 1st mortgage, gold.....	255	1872	1,000	4,084,000	7 g.	J. & J.	do do	Jan. 1, 1900
International 2d mortgage.....	204	1874	1,000	2,052,000	8	F. & A.	do do	Feb., 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</i> —Stock.....	.....	.....	100	4,625,000	1	Q.—M.	Boston.	Sept. 2, 1878
1st mortgage, April 1, '69.....	184	1869	500 &c.	2,960,000	7	A. & O.	N. Y., Nat. Park Bank.	April 1, 1899
<i>Jacksonv., Pens. & Mob.</i> —Florida State bonds, gold.....	250	1870	.....	4,000,000	8	J. & J.	New York.	1900
<i>Jefferson (Pa.)</i> —1st & 2d mort. (Hawley Branch).....	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</i> —Stock.....	226	.....	100	2,000,000	1 3/4	Q.—F.	N. Y., Farm. L. & T. Co.	Aug., 1878
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	2,409,000	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>Joliet & Northern Indiana</i> —1st mort., guar by M. C. Junction, Philadelphia—1st mortgage.....	44	1877	1,000	800,000	7	J. & J.	N. Y., Farm. L. & T. Co.	July 10, 1907
2d mortgage.....	4 1/2	.....	1,000	500,000	6	J. & J.	Philadelphia Office.	July 1, 1882
<i>Kansas City, St. Joseph & Council Bluffs</i> —Stock.....	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.	4,493,428	7	J. & J.	do do	Jan. 1, 1907
do do income bonds, reg.....	.....	1877	100	2,488,000	6	A. & O.	do do	Jan. 1, 1907
<i>Kansas Pacific</i> —Stock.....	673	.....	100	9,689,950	.....	.....	.....	.....
1st mort., gold, coup., on 140 miles west Mo. Riv. 1st mort., gold, 140th to 393d mile.....	140	1865	1,000	2,240,000	6 g.	F. & A.	N. Y., Bk of Commerce.	Aug. 1, 1895
2d mort (to U. S. Gov.) on 394m. west Mo. River. 1st M., 394th to 639th mile, 1'd gr., 3,000,000 ac's 1st mort., coup., (Leavenworth Branch).....	394	1865-7	.....	6,303,000	6	J. & D.	do do	June 1, 1896
Income bonds, coupon, 3d mortgage on 427 miles. 1st land b'ds, cp, or reg., gold, on 2,000,000 acres 2d land mort., do do do.....	245	1869	1,000	6,380,000	7 g.	M. & N.	N. Y., Lond. & Frankf't.	May 1, 1899
Consol. funding mortgage.....	34	1866	1,000	600,000	7	M. & N.	N. Y., Bk of Commerce.	Jan. 1, 1896
Junc. C. & Fort K., 1st mort., gold, land gr., guar 3d mortgage.....	427	1866	50 &c.	4,275,350	7	M. & S.	do do	July 1, 1916
<i>Kentucky Central</i> —2d mortgage.....	.....	1870	250 &c.	1,578,000	7 g.	J. & J.	N. Y., Lond. & Frankf't.	July 1, 1880
<i>Keokuk & Des Moines</i> —1st M., guar., (for \$2,750,000) Knox & Lincoln—1st mortgage.....	.....	1871	1,000	1,500,000	7 g.	M. & S.	New York.	Sept., 1886
<i>Lafayette Bloomington & Miss.</i> —1st mortgage.....	.....	1876	.....	1,500,000	10	A. & O.	do do	Oct., 1879
<i>Lafayette Muncie & Bloomington</i> —1st mortgage.....	.....	1873	1,000	600,000	7 g.	A. & O.	New York.	April 1, 1903
<i>Lake Shore & Michigan Southern</i> —Stock.....	.....	1853	1,000	844,000	7	M. & S.	N. Y., Bank of America.	March, 1883
Guaranteed 10 per cent stock.....	.....	1855	1,000	237,000	7	J. & D.	do do	June, 1885
Consol. 1st mort., (sink. fund, 1 per cent) coupon, do do registered.....	.....	1878	100 &c.	(?)	5	A. & O.	New York Office.	Oct. 1, 1923
2d mortgage, do. (for \$25,000,000) coup. and reg. Income bonds, coupon or registered.....	.....	'69-'72	.....	2,395,000	6	Various	Bath, First Nat. Bank.	1880-1902
Mortgage bonds of Oct., 1869, sinking fund.....	.....	1871	1,000	1,300,000	7 g.	F. & A.	New York.	Aug., 1901
1st mortgage, sinking fund, M. S. & N. I. 2d mortgage (C., P. & A. RR.) registered bonds.....	.....	1871	1,000	666,000	7 g.	F. & A.	.....	Aug., 1901
3d mortgage do.....	.....	.....	100	49,466,500	1	F. & A.	N. Y., Grand Cent. Office.	Aug. 1, 1878
Lake shore dividend bonds, April, 1869.....	.....	.....	100	533,500	5	F. & A.	do do	Aug. 1, 1878
1st mortgage (C. & Tol. RR.) sinking fund.....	.....	1870	1,000	7,925,000	7	J. & J.	do do	July 1, 1900
2d mortgage do.....	.....	1870	1,000	864,000	7	Q.—J.	.....	July 1, 1900
Mortgage bonds of Oct., 1869, sinking fund.....	.....	1873	1,000	9,206,000	7	J. & D.	.....	Dec. 1, 1903
1st mortgage, sinking fund, M. S. & N. I. 2d mortgage (C., P. & A. RR.) registered bonds.....	.....	1872	1,000	3,294,000	7	A. & O.	.....	Oct. 1, 1882
3d mortgage do.....	.....	1869	1,000	883,000	7	A. & O.	.....	Oct. 1, 1879
Lake shore dividend bonds, April, 1869.....	.....	1855	1,000	5,256,000	7	M. & N.	.....	May 1, 1885
1st mortgage (C. & Tol. RR.) sinking fund.....	.....	1859	1,000	1,000,000	7	J. & J.	.....	Jan. 1, 1880
2d mortgage do.....	.....	1859	1,000	1,000,000	7	A. & O.	.....	Oct. 1, 1892
Buffalo & Erie, mortgage bonds.....	.....	1869	500 &c.	1,393,000	7	A. & O.	.....	April 1, 1899
do do.....	.....	1855	1,000	1,595,000	7	J. & J.	.....	July 1, 1885
do do.....	.....	1866	1,000	849,000	7	A. & O.	.....	April 1, 1886
Def. Monroe & Tol., 1st mort., coup., guar.....	.....	1862	1,000	200,000	7	J. & J.	.....	July 1, 1882
Kalamazoo & White Pigeon, 1st mortgage.....	.....	1866	1,000	300,000	7	M. & S.	.....	Sept. 1, 1886
Schoolcraft & Three River, 1st mortgage.....	.....	1868	500 &c.	2,844,000	7	A. & O.	.....	April 1, 1898
Kalamazoo & Schoolcraft, 1st mortgage.....	.....	1876	1,000	924,000	7	F. & A.	.....	Aug. 1, 1906
Kalamazoo, Allegan & Gr. Rapids, 1st mortgage do do stock, 6 per ct. guar.....	.....	1869	.....	400,000	7	J. & J.	.....	Jan. 1, 1890
Jamestown & Franklin, 1st mortgage.....	.....	1867	.....	100,000	8	J. & J.	.....	July 1, 1887
do do 2d mortgage.....	.....	1867	.....	100,000	8	J. & J.	.....	July 1, 1887
<i>Lawrence</i> —Stock.....	.....	1868	.....	840,000	8	J. & J.	.....	July 1, 1888
1st mortgage.....	.....	.....	.....	610,000	3	A. & O.	.....	Oct. 1, 1878
<i>Leavenworth Atch. & N. W.</i> —1st mort., guar.....	.....	1863	1,000	422,000	7	J. & J.	.....	Var. to July, '97
<i>Leaven., Law. & Galv.</i> —1st mort., l. gr., s. f., conv.....	.....	1869	1,000	500,000	7	J. & D.	.....	June 1, 1894
Kansas C. & Santa Fe, 1st mort., guar.....	.....	.....	.....	450,000	2 1/2	Q.—J.	Pittsburg Office.	Oct., 1878
Southern Kansas, 1st mort., guar.....	.....	.....	.....	341,000	7	F. & A.	N. Y., Winslow, L. & Co.	Aug., 1895
<i>Lehigh & Lackawanna</i> —1st mortgage.....	.....	.....	.....	600,000	7	A. & O.	N. Y., B'k of Commerce.	Oct. 1, 1889
.....	.....	.....	.....	5,000,000	10	J. & J.	New York and Boston.	July, 1899
.....	.....	.....	.....	720,000	10	M. & N.	Boston Office.	May, 1890
.....	.....	.....	.....	160,000	8	.....	do do	1892
.....	.....	.....	.....	300,000	7	F. & A.	.....	Feb., 1897

Coupons are paid by Treasurer at Grand Central Depot, N. York, and register'd interest by Union Trust Company.

Indianapolis, Decatur & Springfield—This embraces the former Indiana & Illinois Central. The second mortgage is issued to holders of old I. & C. firsts, and till July, 1881. Interest is payable out of net earnings only, if sufficient. Stock is \$500,000. Gross earnings, 1-76-7, \$101,105; net, \$17,709. (V. 25, p. 511; V. 27, p. 251.)

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 1876-7, net earnings were \$191,432. Foreclosure suit pending. (V. 26, p. 95, 614, 654; V. 27, p. 41, 409, 454.)

Indianapolis & Vincennes—Is controlled by Penn. Co., through stock ownership, and interest is guaranteed by Penn. Railroad. Net earnings in 1875 were \$32,708. (V. 20, p. 426.)

International & Great Northern (Texas)—A consolidation of the International and the Houston & Great Northern. Coupons funded in 1873 and bonds issued for \$2,787,620. Receiver appointed Apr., 1878, and new plan of re-organization made, as per CHRONICLE, V. 27, p. 95, 331. Net earnings, 1877, \$466,248. Land grant about 5,000,000 acres. (V. 26, p. 342, 547; V. 27, p. 95, 331.)

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

Iron Mountain, Chester & Eastern—This was formerly the Chester & Tamaroa. Bonds are in default since 1873, and foreclosure sale ordered. (V. 22, p. 614.)

Jacksonville, Pensacola & Mobile—This road is mortgaged for a like amount of Florida State bonds, and is held by the State and noticed for sale April 2, 1877. (V. 23, p. 158; V. 23, p. 63, 256, 576; V. 24, p. 40, 204; V. 25, p. 212.)

Jefferson—Leased to the Erie Railway Company, which pays interest on the bonds. (V. 14, p. 628.)

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 1877, gross earnings were \$1,177,976; net earnings, \$199,033. (V. 26, p. 192.)

Joliet & Northern Indiana—This 7 per cent bond, guaranteed by Michigan Central, issued in place of old 8 per cents. (V. 23, p. 567; V. 24, p. 445; V. 25, p. 592; V. 26, p. 40.)

Junction (Phil.)—Owned by connecting companies. Cost of road \$898,324; paid-up stock, \$185,000.

Kansas City, St. Joseph & Council Bluffs—The above statement is made of the securities as issued since re-organization. Annual report of operations in 1876, and outline of plan for issue of securities in V. 25, p. 62. (V. 22, p. 233, 495; V. 26, p. 390.)

Kansas Pac.—In 1877 gross earnings were \$3,284,724, and net earnings \$1,367,777, against \$1,260,467 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, (Denver Extension.) See 1st page SUPPLEMENT of Sept., 1878. The company gave a quit claim deed, August 1, 1878, of all its lands, to S. J. Gilmore, subject only to the land mortgages. Foreclosure pending under first mortgage of 1869 (Denver extension). (V. 26, p. 192, 391, 420, 470, 548, 628, 653; V. 27, p. 16, 41, 95, 96, 121, 136, 200, 228, 251, 253, 274, 275, 280, 357, 383, 435, 539.)

Kentucky Central—This was formerly Covington & Lexington. The company purchased the Maysville & Lexington road. In June, 1878, 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 1877-8 \$648,342; net, \$246,694. (V. 24, p. 495; V. 26, p. 573.)

Keokuk & Des Moines—The stock is \$1,524,000 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 and a guarantee of new bonds at 5 per cent. (V. 26, p. 470, 523, 546; V. 27, p. 357.)

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. 23, p. 352; V. 24, p. 445, 468, 518; V. 27, p. 146.)

Lafayette Muncie & Bloomington—In hands of receivers. (V. 24, p. 468, 518; V. 27, p. 146.)

Lake Shore & Michigan Southern—The report for six months ending June 30, 1878, showed surplus income applicable to dividends of \$991,213, against \$445,247 for same time in 1877. See V. 26, p. 645. The following shows a summary for the years named:

	1875.	1876.	1877.
Miles.....	1,175	1,176	1,176
Gross earnings.....	\$14,434,198	\$13,949,176	\$13,506,158
Operat'g exp'es.....	10,531,500	9,574,835	8,963,965
Net earnings.....	3,902,697	4,374,341	4,542,193
Stock.....	50,000,000	50,000,000	50,000,000
Total debt.....	37,774,000	37,524,000	37,274,000

(V. 23, p. 33, 254, 622; V. 24, p. 16, 418; V. 25, p. 16, 63, 230, 510; V. 26, p. 442, 645.)

Lawrence—Leased to Pittsb., F. Wayne & Chic. at 40 per cent on gross earnings. Lease transferred to Pennsylv'a Company. Net earnings, 1875, \$64,177. Sinking fund has \$14,000 bonds. (V. 20, p. 425.)

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

Leavenworth, Lawrence & Galveston—Defaulted on interest July, 1873. Sold in foreclosure Aug. 9, 1878, for \$760,000. (V. 26, p. 265, 420, 600; V. 27, p. 200.)

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

Subscribers will confer a great favor by giving immediate notice of any error 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.

Lehigh Val.—This company's earnings are chiefly from anthracite coal. The gross income from all sources, in 1876-7, was \$7,102,218; net \$3,937,396.

Table with 3 columns: Year (1874-5, 1875-6, 1876-7), Coal (tons) moved, Gross earnings, Operating expenses.

Little Miami.—This company leases the Columbus & Xenia, and both are leased to Pittsburg, Cincinnati & St. Louis, guaranteed by Penn. RR.

Little Rock & Fort Smith.—Foreclosed Dec. 10, 1874. Re-organized and stock issued for old bonds.

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

Logansport, Crawfordsv. & S. W. of Ind.—Decree of sale made. The total liabilities, September 1875, reported at \$4,097,000.

Long Island.—Gross earnings, year ending Sept. 30, 1876, \$1,134,758; net earnings, \$383,608.

went into Receiver's hands October, 1877. (V. 23, p. 112; V. 25, p. 334, 432, 510; V. 26, p. 290, 392.)

Louisville, Cincinnati & Lexington.—Sold in foreclosure Oct. 1, '77, for \$731,000 to 2d mort. bondholders.

Louisville & Nashville.—In 1877-8 gross earnings were \$5,637,598, and net \$2,344,242.

Lowell & Lawrence.—Leased to Boston & Lowell. (V. 25, p. 357.)

Lykens Valley.—Leased to Summit Branch Railroad at \$62,500 per annum. (V. 25, p. 113.)

Macon & Augusta.—Leased and operated by the Georgia Railroad, which guarantees all the bonds except \$100,000 of first mortgage.

Madison & Portage.—Controlled by Chic. Mil. & St. Paul. Gross earnings, 1876, \$31,896. (V. 23, p. 459.)

Mahoning Coal.—This coal road runs from Anderson, O., to Youngstown, O., and is leased to the Lake Shore & M. S. for 25 years from May, 1873.

Manchester & Lawrence.—Formerly operated with the Concord RR. as one line. Net earnings 1877-8, \$100,458.

Maine Central.—The total earnings for the year 1877 were \$1,654,237; operating expenses, \$1,003,583.

ings. Consolidation made June, 1875. (V. 20, p. 615.)

Marietta & Cincinnati.—Capital stock is \$14,000,000. Gross earnings for the year 1876 were \$1,637,052.

Marquette, Houghton & Ontonagon.—This is a consolidation of Marquette & Ontonagon and Houghton & Ontonagon.

Memphis & Charleston.—This road was leased in June, 1877, to the E. Tenn. Va. & Ga. RR. Co.

Memphis & Little Rock.—Sold April 28, 1877, and reorganized. The land grant of about 1,000,000 acres.

Metropolitan (N. Y. City).—This is the elevated road formerly known as the "Gilbert."

Michigan Central.—The fiscal year will hereafter end with Dec. 31. For seven months, June-Dec., 1877, net earnings on main line and branches were \$1,312,498.

Mansfield & Framingham.—Leased to Boston, Clinton & Fitchburg, at 25 per cent of gross earnings.

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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>Michigan Central—(Continued)—</i>								
Equipment bonds.....	.....	1874	\$1,000	\$556,000	8	A. & O.	N. Y., Union Trust Co.	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, 1878
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.....	116	1865	1,000	1,277,000	8	J. & J.	do do	July 1, 1885
do 1st mort. (N. of Win.), conv. } may	.....	1870	1,000	680,000	8	M. & N.	do do	May 1, 1890
do Cons. m. on whole line (300m.) } ber'g	236	1871	1,000	2,001,000	8	M. & S.	do do	Sept. 1, 1891
<i>Milwaukee & Northern—1st mortgage.....</i>	126	1870	50 &c.	2,134,000	8	J. & D.	N. Y., Merch. Exc. N. Bk.	Dec., 1901
<i>Milwaukee, Lake Shore & Western—1st m., gold.....</i>	127	1875	1,000	750,000	7	J. & D.	N. Y., S. S. Sands & Co.	June 1, 1895
<i>Mine Hill & Schuylkill Haven—stock.....</i>	140	.....	50	3,969,600	3½	J. & J.	Philadelphia, P. & R. Co.	July, 1878
<i>Minneapolis & St. L.—1st M., Min. to Sioux C. Junc.</i>	27	1877	1,000	.....	7 g.	J. & J.	N. Y., Continental N. Bk.	Jan. 1, 1907
1st mortgage, Sioux City Junc. 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
<i>Mississippi & Tennessee—1st mortgage, series "A".....</i>	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
<i>Missouri, Kansas & Texas—stock.....</i>	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 (Tebo. & 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.	6,025,500	6	A. & O.	do do	April 19, 1911
Hannibal & Central Missouri, 1st mortgage.....	70	1870	1,000	800,000	7 g.	M. & N.	do do	May, 1890
<i>Missouri Pacific—Stock.....</i>	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	month'y	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
<i>Missouri R., Fort Scott & Gulf—1st m. l. gr. s. f.</i>	161	1869	1,000	5,000,000	10	A. & J.	Boston, Co.'s office.	Jan. 1, 1899
2d mortgage, coupon, may be registered.....	161	1870	500 &c.	1,947,000	10	A. & O.	do do	April 15, 1890
<i>Mobile & Girard—2d mort., end. by Cent. Ga. RR.</i>	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	.....	.....	.....
<i>Mobile & Montg.—Stock, (Authorized \$3,022,517.)</i>	186	.....	100	2,794,800	2½g.	.....	N. Y., Drexel, M. & Co.	July 31, 1878
<i>Mobile & Ohio—Stock.....</i>	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
Consolidated mortgage, gold (for \$15,000,000).....	.....	1874	1,000	(?)	7 g.	J. & J.	New York or London.	Jan. 1, 1904
<i>Montclair & G. Lake—1st mort. (\$700,000).....</i>	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	.....
<i>Montgomery & Eufaula—1 mort., end. by Alabama.</i>	80	1867	1,000	1,040,000	8 g.	M. & S.	N. Y., G. Opdyke & Co.	March 1, 1886
1st mortgage, not endorsed.....	80	1870	1,000	330,000	8	J. & D.	do do	June 1, 1900
<i>Monticello & Port Jervis—1st mortgage.....</i>	23	1870	1,000	500,000	7 g.	Q-J.	N. Y., Union Trust Co.	1890
<i>Morris & Essex—stock.....</i>	137	.....	50	15,000,000	3½	J. & J.	N. Y., Del., Lack & W.	July 2, 1878
1st mortgage, sinking fund.....	84	1864	250	5,000,000	7	M. & N.	do do	1914
2d mortgage.....	84	1866	500 &c.	3,000,000	7	F. & A.	do do	1891
Convertible bonds.....	.....	various	1,000	284,000	7	J. & J.	do do	1900
Construction bonds.....	.....	1871	1,000	573,000	7	F. & A.	do do	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	4,321,000	7	J. & D.	do do	June 1, 1915
Special real estate mortgage.....	.....	.....	.....	1,025,000	.....	.....	.....	.....
<i>Nashville, Chattanooga & St. Louis—stock.....</i>	315	.....	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
<i>Nashville & Decatur—Stock, guar'd 6 p. c. by L. & N.</i>	122	.....	.....	1,512,000	3	J. & D.	.....	June, 1878
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
<i>Nashua & Lowell—Stock.....</i>	54	.....	100	800,000	2	M. & N.	Boston & Nashua.	May 1, 1878
Bonds for freight depot (gold).....	.....	1873	.....	200,000	6 g.	F. & A.	Boston.	Aug. 1, 1893
<i>Naugatuck—Stock.....</i>	57	.....	100	2,000,000	5	J. & J.	Bridgeport, Conn.	July 15, 1878
<i>Nebraska—Consol. mort., guar.....</i>	133	1877	1,000	1,836,000	7	A. & O.	Boston.	Oct. 1, 1896
<i>Nesquehoning Valley—Stock.....</i>	16½	.....	50	1,300,000	5	M. & S.	Philadelphia, Co.'s office	Sept. 1, 1878
<i>Newark, Somerset & Straitsv., O.—1st mortgage.....</i>	44	1869	500 &c.	800,000	7 g.	M. & N.	N. Y., Union Trust Co.	Nov. 1, 1889
<i>Newcastle & Beaver Valley—Stock.....</i>	15	.....	50	605,000	2½	Q-J.	Newcastle, Penn.	Oct., 1878
<i>New Haven & Derby—1st & 2d mortgages.....</i>	13	68&70	500 &c.	525,000	7	Various	N. Haven, E. S. Scranton	1898 to 1900

passed on the Detroit & Bay City bonds, not guaranteed, Nov., 1875. D. & B. C. net earnings in 1877 were \$97,231. (V. 25, p. 11, 332; V. 26, p. 417, 514, 653.)

Milwaukee & Northern.—Two coupons were paid in stock, but cash payment was resumed in July, 1876. It is leased to Wisconsin Central. (V. 22, p. 233.)

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. Net earnings, 1876, \$57,479. (V. 25, p. 308; V. 27, p. 252, 357.)

Mine Hill & Schuylkill Haven.—Leased to Philadelphia & Reading, May 1864, for 999 years; 8 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 1,470, for \$500 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 1876-7, \$433,440; net, \$212,768. All the debt is consolidated in the mortgage of 1877, consisting of series "A," preferred, and series "B," 2d. The debt to State of Tenn. is paid. (V. 23, p. 621; V. 25, p. 154, 617; V. 26, p. 39.)

Missouri, Kansas & Texas.—Latest report, V. 26, p. 365. Gross earnings 1877, \$3,197,321; net, \$1,048,664, against \$1,371,833 in 1876, and \$1,360,103 in 1875. Net income in 1877 over taxes \$952,211. Annual interest charge now (under adjustment) is \$776,398, gold. The M. K. & T. bonds and U. P. S. Br. bonds draw 4 per cent in 1878 and 5 in 1879-81. Land grant is about 4,565,142 acres. (V. 26, p. 365, 392, 470, 523, 548, 623, 653; V. 27, p. 426, 514.)

Missouri Pacific.—Gross earnings in 1877, \$3,984,442; operating expenses, \$2,324,355; net, \$1,660,086. Reorganized after the sale of the road under 3d mortgage, Sept. 6, 1876, for \$3,000,000. Stockholders

of old company brought suit to annul the sale. Default was made on Carondelet Branch bonds, Oct. 1, 1877, and compromise bonds at 50 per cent were offered Jan., 1878. (V. 25, p. 235; V. 26, p. 41; V. 27, p. 68.)

Missouri River, Fort Scott & Gulf.—Interest passed Oct., 1873, and subsequently. Coupons overdue Jan. 1, 1878, \$2,127,550. Receiver appointed April, 1878. Gross receipts in 1877, from road and lands, \$1,004,544; net, \$263,891. (V. 24, p. 493, 565; V. 25, p. 308; V. 26, p. 342, 391.)

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, 1877, \$666,037; net, \$224,560. (V. 24, p. 180, 495; V. 26, p. 418.)

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.)

Montclair & Greenwood Lake.—Re-organization of old Montclair road sold in foreclosure. Road sold again Oct. 12 1878. (V. 26, p. 67, 600, 625, 653; V. 27, p. 16, 68, 95, 172, 192, 228, 252, 303, 357, 383, 433, 462, 539.)

Montgomery & Eufaula.—Was to have been sold in foreclosure Nov. 12, 1877, but postponed by an appeal. (V. 25, p. 17; V. 26, p. 567.)

Monticello & Port Jervis.—Defaulted in 1873. Sold July 7, 1875. (V. 20, p. 353, 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. Report for 1876, V. 24, p. 320; for 1877, V. 26, p. 191.

Nash., Chatt. & St. L.—Gross earnings of 1877-8,

\$1,871,808; expenses, \$1,070,270; net earnings, \$801,538. 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..... 25,412

Total.....\$740,746

The debt to United States and bonds endorsed by Tennessee are secured by deposit of 1st mort. bonds. (V. 24, p. 321; V. 25, p. 357, 476, 482; V. 26, p. 523; V. 27, p. 146, 275.)

Nashville & Decatur.—Leased May 4, 1871, to Louisville & Nashv. Co. for thirty years, lease guaranteed interest on bonds, and 6 per ct. 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 1876-7, \$227,927. (V. 23, p. 622; V. 25, p. 616.)

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. 25, p. 335, 641.

Nesquehoning Valley.—Leased to the Lehigh Coal & Navigation Co. at a yearly rental of 10 per cent dividend on the capital stock.

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.

New Haven & Derby.—Net earnings 1876-7, \$46,475. New Haven city guarantees the \$225,000 2d m. bonds.

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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 & Northampton.—Gross earnings, 1876-7, \$561,366; operating expenses, \$333,124; net earnings, \$228,242. (V. 26, p. 17.)
New Jersey Midland.—Defaulted after the panic of 1873 and funded coupons. The bondholders funded coupons, but default was again made and receiver appointed. (V. 25, p. 114, 237, 303; V. 26, p. 142, 290.)
New Jersey & New York.—Consolidation of the Hackensack & N. Y. and Hackensack Extension. The old bonds are about \$300,000. Hackensack branch noticed for sale May 29, 1878. (V. 24, p. 136, 158, 249, 299, 321; V. 25, p. 255.)
New Jersey Southern.—Foreclosure pending. There were also \$120,000 bonds on Tom R. Riv. Br., and \$1,030,000 2d mort., and \$5,300,000 consol. mort. Net earnings, 1875, \$109,276. (V. 25, p. 511, 592.)
New London Northern.—Operated under lease till 1891 by Vermont Central for \$150,000 a year. Net earnings of road in 1877-8, \$170,431. (V. 27, p. 537.)
New Orleans, Mobile & Texas.—The Western Division was sold Nov. 18, 1874, and the East. Div. is operated by the mort. trustees. Int. in default since 1872. Gross earnings, 1877, \$730,010; net, \$390,655; and less extraordinary expenses, \$158,430. (V. 23, p. 379; V. 24, p. 370; V. 26, p. 341, 392, 575.)
N. Y. City & Northern.—A re-organization of N. Y. & Boston. (V. 27, p. 172.)
New York & Canada.—The bonds are guaranteed by the Delaware & Hudson Canal Co. Road opened through Oct., 1875. (V. 24, p. 180; V. 25, p. 615.)
New York Central & Hudson River.—The mortgage loan for \$40,000,000 was to retire prior debt, and the balance for third and fourth track, &c. The Harlem RR. was leased April, 1873. The following is a comparison of earnings, &c., for five years:
Gross Receipts, Net Receipts, Funded Debt, & equip't, Cost of r'd
1876-7. \$26,579,085 \$11,632,924 \$30,335,445 \$99,142,408
1875-6. 28,046,588 14,922,417 40,401,263 97,822,811
1874-5. 29,027,218 14,765,111 40,003,667 96,355,774
1873-4. 31,690,386 13,262,069 38,484,742 92,506,508
1872-3. 29,126,851 11,484,863 27,725,533 78,014,954

(V. 22, p. 41, 591; V. 23, p. 329, 598; V. 24, p. 542; V. 25, p. 640; V. 26, p. 315, 575; V. 27, p. 357.)
N. Y. City Elevated.—Bonds are payable after 1897 at 105. A first mortgage of 1872 was cancelled General statement V. 27, p. 283. (V. 26, p. 653; V. 27, p. 280, 400, 462.)
New York & Harlem.—Leased to N. Y. Central at 8 per cent per annum (payable J. & J.) on stock, and interest on bonds. The Fourth avenue horse railroad and real estate was retained, and an extra dividend made in April is from profits of this line.
New York, Housatonic & Northern.—Foreclosure pending. (V. 21, p. 349; V. 23, p. 549.)
N. Y. Lake Erie & West (Erie).—Foreclosure of the Erie R'y. took place April 21, 1878, under the second consol. mort., and the road was purchased by E. D. Morgan, J. Lowber Welsh and David A. Wells for \$6,000,000, on behalf of the London committee, and re-organized as "New York Lake Erie & Western." Oct. 31, 1878, was the last date for assent of old Erie stockholders, and assessments were paid on 762,000 shares of common stock and 80,700 of preferred. The following comparison is for the years ending Sept. 30. The net result in 1876-7 was a nominal deficit of \$1,301,084, after charging off full interest on the debt, and rentals, &c.; a similar deficit of \$1,229,630 in 1875-6, and \$1,653,166 in 1874-5:
Gross Earnings, Net Income, Rentals, &c.
1876-7. \$14,708,889 \$4,636,717 \$5,937,801
1875-6. 15,852,461 4,308,563 5,538,194
1874-5. 16,876,858 4,698,615 6,351,781
(V. 26, p. 95, 177, 192, 265, 290, 315, 342, 373, 391, 413, 444, 469, 493, 575, 690, 625; V. 27, p. 40, 173, 200, 281, 503, 358, 393, 409, 514, 539.)
N. Y. & N. England.—Formerly Bost. Hartf. & E. Conveyed to the new company in July, 1875. Net income, 1876-7, \$236,252. (V. 25, p. 590; V. 26, p. 67, 445; V. 27, p. 304, 358, 409.)
New York, New Haven & Hartford.—Net income 1877-8, \$1,681,489. (V. 25, p. 640; V. 26, p. 290; V. 27, p. 537.)

New York & Oswego Midland.—Foreclosure sale pending. Receivers' certificates have been issued to amount of \$1,352,555. Settlement is in progress. (V. 25, p. 615; V. 26, p. 290; V. 27, p. 383, 436, 462, 487, 539.)
New York, Providence & Boston.—Annual report for fiscal year ending Sept. 1, 1877, showed net earnings \$38,997, leaving a balance of \$83,651 carried to new account, against \$1,356 brought forward in 1876. (V. 25, p. 591; V. 27, p. 353.)
North Carolina.—Leased September, 1871, to Richmond & Danville Railroad at \$260,000 per annum. Dividends of 6 p. c. are paid on stock, of which the State of No. Car. holds \$3,000,000. (V. 24, p. 565; V. 27, p. 406.)
Northeastern, S. C.—Gross earnings in 1876-7, \$320,071; net, \$128,032. (Reports V. 24, p. 88, and V. 25, p. 617.)
North Pennsylvania.—Gross receipts in year 1876-7, \$1,482,705; net, \$562,046. (V. 22, p. 134; V. 24, p. 62.)
Northern Central.—The annual report for 1877 shows gross earnings, \$1,470,337; expenses, \$2,745,944; net, \$1,324,432. The total net income in 1877 was \$1,575,047; \$1,513,342 was paid for interest and rentals, leaving a balance of \$61,705. Under the general mortgage of 1877, \$1,000,000 more may be issued, as series "C." (V. 22, p. 257; V. 24, p. 223, 421, 439; V. 26, p. 314.)
Northern N. Hampshire.—Net income fiscal year 1877-8 was \$117,134. (V. 24, p. 541; V. 26, p. 546.)
Northern of N. Jersey.—Operated by Erie under lease. Gross earnings in 1877 were \$233,438. Bonds due in 1878 were paid or extended at 6 per cent interest. (V. 26, p. 600.)
Northern Pacific.—Sold in foreclosure Aug. 12, 1875, and pref. stock issued to bondholders at the rate of \$1,400 for each \$1,000 bond. This stock is exchangeable for land at its par value. Common stock issued is \$13,555,000. (V. 25, p. 307, 476, 619; V. p. 18, 445, 519; V. 27, p. 173, 210, 332, 355, 514.)

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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.	
<i>Norwich & Worcester</i> —Stock.....	66	1877	\$100	\$2,604,400	5	J. & J.	New England Trust Co.	July 6, 1878
New bonds, coupon.....	66	1877	1,000	400,000	6	M. & S.	Boston, N. E. Trust Co.	March 1, 1897
<i>Ogdensburg & Lake Champlain</i> —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
Equipment bonds.....	.....	1869	1,000	154,000	8	J. & J.	do	Jan., 1879
Sinking fund bonds.....	.....	1870	1,000	392,000	8	M. & S.	do	Mar., 1890
Mortgage bonds for \$600,000 (sinking fund).....	118	1877	.....	446,000	6	J. & J.	do	1897
<i>Ohio & Mississippi</i> —Stock, common.....	393	.....	100	20,000,000	.....	.....	.....	.....
Preferred stock (7 p. c. 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.	J. & J.	London.	Jan. 1, 1898
2d consolidated sinking fund mortgage.....	393	1871	1,000	3,864,000	7	A. & O.	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).....	228	1874	1,000	1,915,000	6	M. & S.	do do	Nov. 1, 1905
<i>Old Colony</i> —Stock.....	269	.....	100	6,733,800	3	J. & J.	1st coup. due Nov., '77	July 1, 1878
Bonds.....	.....	1871	500 &c.	390,000	7	Various	Boston, Office.	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
<i>Omaha & Northw.</i> —Land gr gold bds (for \$640,000).....	40	1871	1,000	(?)	7-30 g.	J. & J.	N. Y., Kountze Bros.	Jan., 1901
<i>Orange & Newark</i> —1st mortgage.....	9	.....	.....	546,000	6	M. & N.	Newark, Office.	.....
<i>Oregon & California</i> —1st mortgage.....	200	1870	.....	10,950,000	7 g.	A. & O.	Frankfort O. M.	April 1, 1890
<i>Oswego & Rome</i> —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
<i>Oswego & Syracuse</i> —Stock, 9 per cent guar.....	35	.....	50	1,320,400	4½	F. & A.	N. Y., Del., L. & W. RR.	Aug., 1878
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
<i>Paducah & Elizabethtown</i> —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
<i>Panama</i> —Stock.....	47	.....	100	7,000,000	3	Q.—J.	New York, Office.	Nov. 1, 1878
General mortgage, sterling, (£1,000,000).....	47	1867	£200	3,905,000	7 g.	A. & O.	London.	Oct. 10, 1884-97
<i>Paris & Danville</i> —1st mortgage, gold, sinking fund.....	103	1873	1,000	2,500,000	7	J. & J.	New York, Office.	Jan. 1, 1903
<i>Paris & Decatur</i> , (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
<i>Pekin, Lincoln & Decatur</i> —1st mortgage.....	67	1871	1,000	1,076,000	7	F. & A.	N. Y., T. W. & W. RR.	Feb., 1900
<i>Pennsylvania</i> —Stock.....	1669	.....	50	68,870,200	1½	M. & N.	Philadelphia, Office.	Nov. 30, 1878
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. State lien (pay'ble in annual inst'm'ts of \$460,000).....	.....	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	4,572,110	5	A. & O.	Philadelphia.	Annually.
Navy Yard bonds, reg.....	.....	1875	.....	29,250,000	6	Q.—M.	Philadelphia & London.	June 15, 1905
Car Trust bonds (sinking fund 10 per cent).....	.....	1877	.....	1,000,000	6	J. & J.	Philadelphia, Office.	1881
<i>Pennsylvania Co.</i> —Common stock.....	.....	.....	50	3,000,000	6 g.	.....	.....	.....
Preferred stock.....	.....	.....	50	8,000,000	3	A. & O.	Pittsburgh, Co.'s Office.	Oct., 1873
1st mortgage, s. f., (held by Pennsylvania RR.).....	.....	1877	1,000	7,000,000	6	F. & A.	Philadelphia.	.....
Reg. bds (for \$3,200,000) sec. by P. F. W. & C. sp. st'k.....	.....	1877	1,000	1,500,000	6	.....	.....	.....
<i>Pennsylvania & Delaware</i> —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
<i>Pennsylvania & New York</i> —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
<i>Peoria & Bureau Valley</i> —Stock.....	46	.....	100	1,200,000	4	F. & A.	N. Y., Chic., R. I. & Pac.	Aug., 1878
<i>Peoria, Pekin & Jacksonville</i> —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
<i>Perkiomen</i> —1st mortgage.....	38	1867	100	621,000	6	A. & O.	Phila., 227 S. 4th st.	Apr. 1, 1897
Consol. mort., gold, guar. P. & R., (sink. fund).....	38	1873	1,000	1,200,000	6 g.	J. & D.	do do	June 1, 1913
<i>Petersburg</i> —Stock.....	82	.....	100	1,324,200	3	J. & J.	.....	Jan., 1872
1st mort. bonds (payable \$25,000 yearly).....	82	.....	.....	500,000	8	J. & J.	N. Y., Lancaster, B. & Co.	Jan., 1879-96
2d mortgage.....	82	.....	.....	300,000	8	.....	do do	1902
<i>Philadelphia & Balt. Central</i> —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
<i>Philadelphia & Erie</i> —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	1868	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.	Jan. 25, 1876
<i>Philadelphia & Reading</i> —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	T. & 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	1868	1,000	2,700,000	7	A. & O.	do do	Oct. 1, 1893

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, \$666,883; net income, \$276,567. (V. 23, p. 548; V. 27, p. 537.)

Ogdensburg & Lake Champlain.—Leased in March, 1870, to Vermont Central, but lease failed and property reverted to owners April, 1877. Gross earnings, 1877-8, \$592,252; net earnings, \$253,176. (V. 25 p. 39, 237, 433; V. 27, p. 14, 200, 333.)

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, and afterwards Mr. King was made sole receiver. Receiver's last report in V. 26, p. 214. Interest on 1st mortgage is paid some months after it comes due. (V. 26, p. 135, 192, 214, 265, 368, 392, 496, 523, 25; V. 27, p. 42, 144, 113, 231, 304, 381, 437, 462, 487, 514, 539.)

Old Colony.—Net income over operating expenses and interest, \$406,423 in 1877-8, against \$107,455 in 187-7. (V. 25, p. 482; V. 27, p. 537.)

Omaha & Northwest.—Road was sold in foreclosure Oct. 24, 1873. (V. 22, p. 79; V. 23, p. 175; V. 27, p. 42, 482, 514.)

Oregon & California.—After default in 1873 compromise made with bondholders. Gross earnings 1877, \$185,371; net, \$332,546. In 1877 about 3.67 per cent was paid on bonds. (V. 26, p. 358; V. 27, p. 358, 437.)

Oswego & Rome.—Operated by the Rome, Watertown & Ogdensburg at 8 per cent on \$30,000 stock, and interest on first mortgage bonds.

Oswego & 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 & S. W.; has bonds outstanding as above. Net earnings 1877-8, \$58,067. (V. 26, p. 573.)

Panama.—Last statement, V. 26, p. 341. (V. 26, p. 217, 341, 625, 653.)

Paris & Danville.—Of these bonds, \$450,000 were given for coal mines at Danville, which are covered (1,230 acres) by the mortgage. Was sold in foreclosure Oct. 23, 1878. (V. 26, p. 592; V. 27, p. 358, 417.)

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 \$54,147. (V. 22, p. 247; V. 23, p. 109; V. 26, p. 290.)

Pennsylvania.—The report for 1877 is given in V. 26, p. 238, and shows surplus net income of \$1,030,308 after paying all possible charges and 3½ per cent dividends. In 1874, by the report of the Investigating Committee, the liability as a guarantor of principal and interest was on \$33,933,600 bonds; annual liability additional, on guarantees of interest or rentals, \$13,862,319, and probably there has been no great change since. 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 26, 1878. The following is a statement for two years on all lines east of Pittsburgh:

	Gross Earnings.	Net Earnings.
1877.....	\$31,117,146	\$10,184,417
1876.....	35,891,060	12,834,385

(V. 26, p. 18, 95, 166, 217, 238, 265, 277, 315, 420, 519; V. 27, p. 42, 97, 200, 304, 332, 381, 437, 487, 514.)

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 1877 the net income over rentals, interest, &c., was \$185,075, and advances to railroads charged off \$354,125. The registered bonds are secured by deposit of \$4,000,000 of Pitts., Fort Wayne & Chicago special stock. (V. 25, p. 231.)

Pennsylvania & Delaware.—The lease of this road to the Pennsylvania Railroad was ratified in 1874. Previously operated under temporary lease.

Pennsylvania & New York.—Operated in close connection with the Lehigh Valley. Net earnings 1875-6, \$608,107. 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 year ending June 30, 1877, there was a deficit in earnings of \$2,518. Receiver appointed April, 1878.

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. 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, 1877, \$3,172,992; net earnings, \$1,121,365. Net deficit after paying interest, &c., \$261,185. (V. 22, p. 206; V. 24, p. 135, 248; V. 26, p. 166, 241.)

Philadelphia & Reading.—The report for 1876-7, is given at length in V. 26, p. 65. President Gowen reviews the year 1877, and gives the facts bearing upon the Company's financial condition and prospects. 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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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.

into income mortgage bonds. (See V. 24, p. 299.) A comparison of statistics for three years is as follows:

Table with 3 columns: 1874-5, 1875-6, 1876-7. Rows: Gross earnings, Op. expenses, Net earnings.

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, 1877, \$1,163,426, leaving a surplus income of \$98,921 above payment of all charges and 8 per cent dividends. Last annual report in V. 26, p. 191. (V. 25, p. 133.)

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., \$2,928,600; 2d pref., \$3,000,000. Gross earnings in 1877 of road proper \$3,097,962; net, \$1,075,049; surplus over interest, &c., \$302,141. Loss on leased lines, &c., \$433,926. (V. 25, p. 619; V. 26, p. 200, 445, 496, 523; V. 27, p. 97, 200, 304, 409.)

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 \$19,714,286 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. New stock of \$5,669,327, issued to Penn. Railroad for improvements, &c., is under article 16 of lease. Net earnings, 1877, \$2,956,146; profit to lessee, \$154,022. Sinking fund for bonds amounts to \$2,157,755. (V. 22, p. 538; V. 24, p. 516; V. 26, p. 523.)

Pittsburgh 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. (V. 25, p. 39; V. 27, p. 137.)

Pittsburg Virginia & Charleston.—Of these bonds the Pennsylvania Railroad owns \$500,000. Net earnings, 1877, \$34,610.

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, 81, 91, 515; V. 27, p. 540.)

Portland & Rochester.—Interest in default, and receiver appointed in January, 1877. The report for year ending August 31, 1877, shows gross earnings, \$133,896; expenses, \$111,820. (V. 23, p. 354, 377; V. 24, p. 170; V. 25, p. 333.)

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. 21, p. 372, 434, 592; V. 22, p. 568; V. 24, p. 445, 522.)

Port Royal.—The Georgia Railroad guarantees \$500,000 of these bonds; sale in foreclosure was made June 6, 1878, to Union Trust Co. for \$503,000. (V. 25, p. 90; V. 26, p. 95, 496, 654.)

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, \$68,241. 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 Railroad, March, 1875, for 99 years. Foreclosure suit begun in Feb., 1878. (V. 20, p. 63, 267; V. 26, p. 266.)

Rensselaer & Saratoga.—Leased May 1, 1871, to Delaware & Hudson Canal Company, which pays interest on bonds and 8 per cent on stock. (V. 25, p. 615.)

Richmond & Danville.—Gross earnings 1876-7, \$909,317; net, \$292,591. This company leases the North Carolina Railroad and the Piedmont Railroad, and controls the Char. Col. & Aug. The Penn. Railroad took \$1,000,000 of the new bonds. (V. 22, p. 180; V. 24, p. 298, 370; V. 26, p. 115; V. 27, p. 409.)

Richmond, Fredericksburg & Potomac.—Gross earnings 1875-76, \$367,969; expenses, \$177,793; net earnings, \$190,175. (V. 23, p. 621; V. 27, p. 68, 85.)

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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.	
For explanation of column headings, &c., see notes at the head of first page of tables.								
Richmond & Petersburg—1st mortgage, coupon.	25	1870	\$1,000	\$175,000	8	A. & O.	Richmond, Office.	1880 to '86
New mortgage.		1875		31,000	7	M. & N.	do do	May 1, 1915
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. L. & T. Co.	July 15, 1875
1st sinking fund mort., Wat. & R.	97	1855	100 &c.	366,007	7	M. & S.	do do	Sept. 1, 1880
General mortgage, sinking fund.	190	1861	500 &c.	975,107	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 1/2	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.	120	1872	100 &c.	1,212,000	8	M. & N.	do do	Nov. 1, 1902
New mortgage in exchange for equipment bonds.		1878						
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			
1st mortgage (series A) sinking fund.		1864	1,000	1,100,000	7	J. & J.	N. Y., Office 12 Wall st.	Feb. 1, 1878
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.		1870	1,000	300,000	10	M. & S.	do do	1880
St. Louis, Iron Mountain & Southern—Stock.	686		100	21,028,761				
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
Cons. M. gold (s. f. after 1880), coup., may be reg.	686	1874	1,000	4,428,000	7 g.	A. & O.	do do	April 1, 1914
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	1,500,000	7 g.	J. & D.	do do	June 1, 1897
Cairo & Fulton, 1st mort., gold, or road and land.	300	1870	1,000	8,000,000	7 g.	J. & J.	do do	Jan. 1, 1891
St. L. Kansas City & N.—Stock (\$12,000,000 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'ree	July 1, 1895
Real estate and railway 2d mort.	354	1874	1,000	3,000,000	7	M. & S.	do do	Sept. 1, 1904
St. L. & S. Francisco.—1st M. (So. Pac.), g., (1st 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	2 &c.	M. & N.	do do	Nov. 1, 1906
do do C, gold.		1876	500 &c.	2,295,000	2 &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.	F. & A.	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., 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.	1,096,000	7	J. & D.	In default.	1892
Consol. land gr't do (\$2,800,000)	76	1865	250 &c.	1,114,000	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.	1,700,000	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.	5,700,000	7	M. & N.	do do	1898
4th M., St. P. to Breckenridge, 2d on 1st gr., 150m. (\$3,000,000)	220	1870	1,000	1,500,000	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				
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.	101	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 & Duaneburg—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.	July, 1878
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	1,350,400	3 1/2	M. & N.	Phil., Townsend, W. & Co.	Nov. 1, 1878
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, 1867
Shamokin Valley & Pottsville—Stock.	28		50	869,450	3	F. & A.	Philadelphia, Treasurer.	Aug., 1878
1st mortgage, gold, on road and lands.	28	1871	500 &c.	1,994,000	7 g.	J. & J.	do do	July, 1901
Sheboygan & Fond du Lac—1st mortgage.	78 1/2	1864	1,000	750,000	7	J. & D.	N. Y., (In default.)	June, 1884
1st mortgage extension.	78 1/2	1871		850,000	8	A. & O.	do do	October, 1886

Richmond & Petersburg.—In July, 1878, 2 per cent dividend made on stock of \$1,008,601. Gross earnings year ending Sept. 30, 1877, \$137,116; net, \$47,271. (V. 22, p. 15; V. 24, p. 62.)

Rochester & State Line.—Bonds sold in N. Y., July, 1878. Road runs from Rochester, N. Y., to Salamanca, and Rochester City furnished \$200,000 towards its construction.

Rome, Watertown & Ogdensburg.—The last report shows gross earnings in 1876-7 of \$1,255,271; expenses, \$912,134; net earnings, \$343,137. Default was made on coupons consol. bonds April, 1878. (V. 22, p. 493; V. 26, p. 334.)

Rulland.—Formerly leased to Vermont Central, but default made on rental, and lease annulled. (V. 25, p. 137; V. 27, p. 121, 253, 384.)

St. Joseph & Western.—The St. Jo. and Denver City was sold in foreclosure Nov., 1875, and re-organized. 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. Gross earnings of road in 1877, \$537,886; operating expenses, \$373,906; rentals, &c., and taxes, \$140,415. (V. 24, p. 322, 469; V. 26, p. 239.)

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, 654. In 1877, gross earnings were \$953,570, against \$1,072,403 in '76. The Belleville Br. and Extension earned net in 1877, \$131,540. Coupons due August, 1878, on 2d mort. bonds were passed. (V. 26, p. 417, 614, 625, 651; V. 27, p. 17, 140, 437, 454, 488.)

St. Louis, Iron Mountain & Southern.—There are also \$668,000 of Cairo & Fulton Income bonds. Gross earnings, 1877, \$4,500,422; net, \$2,131,901. In 1875, the company funded three coupons on all bonds except the old firsts, but when coupons fell due Nov., 1876, they were paid only in part. Half interest only is paid on the mortg. bonds, except the 1st mortg. St. L. & I. M., which is paid in full:

The net earnings have been applied to floating debt rather than to pay bonded interest. As to suit in the U. S. Circuit Court of Missouri, see V. 27, p. 358, 409. (V. 26, p. 237, 342, 318, 625; V. 27, p. 358, 384, 499.)

St. Louis, Kansas City & Northern.—Half the stock is pref., 10 per cent yearly, but not cumulative. Gross earnings in 1877, \$3,147,173; net, \$1,250,773. Floating debt partly retired with second mortgage bonds. (V. 24, p. 90, 272; V. 26, p. 68, 288, 471; V. 27, p. 332, 488, 515.)

St. Louis & S. Francisco.—This is the re-organization of the Atlantic & Pacific, sold in foreclosure Sept. 8, 1876. The Atlantic & Pacific was a consolidation, in 1870, of the Atlantic & Pac. and So. Pacific. The land grant amounts to some 1,000,000 acres. The interest on bonds "B" and "C" is 2 per cent for 2 years, 3 for 3 years, 4 for 1 year, 5 for 1 year, and 6 afterward. In 1877 gross earnings were \$1,339,913; net, \$739,126, against \$675,047 in 1876. (V. 24, p. 543; V. 25, p. 282, 457; V. 26, p. 241.)

St. Louis & Southeastern.—In hands of receiver. Tenn. and Ky. Divisions to be sold Jan. 1, 1879. (V. 23, p. 549; V. 24, p. 203, 322; V. 25, p. 263, 304; V. 27, p. 229, 488.)

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 1877 gross earnings, \$1,118,470. Bonds guaranteed by Terre Haute & Indianapolis, by Columbus, Chicago & Indiana Central, and Pittsburgh, Cincinnati & St. Louis. (V. 24, p. 110; V. 26, p. 165.)

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.)

St. Paul & Pacific, First Division.—The 3d mortg. of \$6,000,000 has the additional security of the \$1,500,000 first mortgage bonds held by its trustees. Interest in default since June, 1872, on all the issues except the first and second mortgages on Branch Line, but certain payments made in May, 1877. Suits of foreclosure are in progress, and the rail-

road has been in possession of the trustees under the mortgage deeds. An important negotiation for taking up the bonds has been consummated. (V. 25, p. 114, 154, 408, 424, 458, 641; V. 26, p. 266, 316, 342, 420, 575; V. 27, p. 42, 68, 149, 515.)

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. 24, p. 510; V. 26, p. 316, 342, 420, 436, 575; V. 27, p. 42, 68, 149, 515.)

St. Paul & Sioux City.—This company has 727,766 acres of land unsold. (V. 24, p. 298; V. 26, p. 548; V. 27, p. 171.)

Saginaw Valley & St. Louis.—Has a traffic guarantee by Michigan Central. Net earnings, 1877, \$57,518. (V. 27, p. 304.)

Sandusky, Mansfield & Newark.—This road is leased to the Central Ohio, and the lease guaranteed by Baltimore & Ohio. (V. 19, p. 584; V. 26, p. 290.)

Savannah & Charleston.—Road in hands of receiver and decree of sale made. (V. 22, p. 615.)

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

Schenectady & Duaneburg.—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 net earnings of \$91,991 from March 1 to Sept. 1, 1878.

Seaboard & Roanoke.—Net earnings year ending March 1, 1878, \$167,928. Report V. 21, p. 276.

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.)

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 873. Gross earnings, 1877, \$100,011; net, \$12,204. V. 24, p. 198, 345; V. 26, p. 521.)

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.

Shenango & Alleghany.—Leased to Atlantic & Great Western, and "rental trust bonds" issued. Gross earnings 1875, \$201,039; net, \$114,699. Shore Line.—Leased to New York & New Haven at \$100,000 per year. Old stock was exchanged for new in July, 1873. Gross earnings, 1876-7, \$342,374; net, \$49,889. (V. 21, p. 63.)

series A, B, C and D, of which "A" includes \$15,000,000, part in \$500 bonds, all the others are \$1,000 each. A sinking fund of \$100,000 per annum begins in 1882, and proceeds of land sales also go to pay bonds. The land grant is 12,330 acres per mile. The stock paid in is \$36,762,900. In 1876-7 the gross earnings were \$3,553,005 gold, and net earnings, \$1,823,830 gold. (V. 26, p. 209, 316; V. 27, p. 321, 409.)

Troy & Boston.—With leased roads forms a line from Troy, N.Y., to North Adams, Mass. In 1875-76, gross earnings were \$566,539; operating expenses, \$293,334. There are \$119,000 of old 1st and 2d mortgage bonds yet outstanding. Troy Union.—A short road in Troy city. Bonds issued by city and guaranteed by several roads. Union Pacific.—Gross earnings in 1877 were \$12,473,203, against \$12,885,853 in 1876; net earnings, \$7,132,782, against \$7,618,637. In 1878 the funding bill was passed in Congress; the Court of Claims decided against the company as to the 5 per cent of net earnings; an important contract was made with Kansas Pacific; the July dividend was passed. Land sales to Aug. 13, 1878, 1,567,672 acres, for \$6,966,333, of which 249,392 acres in 1878, for \$1,249,226. Land contracts Aug. 13, \$3,603,467, cash \$463,035. Abstract of last reports V. 26, p. 241. (V. 24, p. 226, 591; V. 25, p. 408; V. 26, p. 241, 266, 368, 471, 548, 592, 626, 654; V. 27, p. 42, 96, 97, 122, 149, 193, 229, 253, 274, 381, 480.)

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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>Utica Chenango & Susquehanna Valley</i> —Stock	98	....	\$100	\$4,000,000	3	M. & N.	N. Y., D. L. & W. RR.	Nov. 1, 1878
<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.	Oct. 7, 1878
1st mortgage (sinking fund \$7,000 per year)	77	1865	100 &c.	550,000	6	J. & J.	do do	July 1, 1883
Convertible bonds	80	1869	500	200,000	7	J. & J.	do do	July 1, 1879
do do	....	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.	Phila., Girard Nat. B'k.	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
3d 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 and scrip (\$943,950 at 7)	....	....	....	3,015,950	3 & 7	....	....	....
<i>Warren (N. J.)</i> —Stock	18	1855	100	1,800,000	3 1/2	A. & O.	N. Y., Del., L. & W. RR.	April, 1878
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	....	....	....	....
2d mortgage, O. & A. RR.	....	1855	....	1,200,000	6	J. & J.	Balt., R. Garrett & Sons	Jan. 1, 1875
1st and 3d mortgage, O. & A. RR.	....	1858	....	654,000	6 & 8	M. & N.	do do	May 1, 1873
4th mortgage, O. & A. RR.	....	1860	....	700,000	8	M. & S.	do do	Sept. 1, 1880
Funded interest, O. & A. RR.	....	....	....	578,859	....	....	....	....
1st mortgage, O., & M. RR.	....	1867	....	1,650,000	7	J. & J.	Balt., R. Garrett & Sons	Mch. 1, 1882
Gen. mort., gold, Wash. C., Va. Mid. & Gt. South'n	336	1873	....	1,500,000	7 g.	M. & N.	do do	May 1, 1903
Lynchburg & Danville, 1st mort., guar., coup.	65 1/2	1871	500 &c.	526,500	....	A. & O.	do do	April 1, 1896
<i>Westchester & Philadelphia</i> —Preferred stock	....	....	....	821,300	4	J. & J.	Philadelphia, Office.	July 10, 1878
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	....	750,000	8	J. & J.	New York & Savannah.	July, '78 & '81
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	23	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	....	....	648,700	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., Nat. B'k Republic	1896
<i>Wisconsin Central</i> —1st mortgage, gold, land grant	325	1871	....	8,250,000	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	3	A. & O.	Worcester, Office.	April, 1878
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, 539; V. 23, p. 40, 370, 623; V. 24, p. 413, 566; V. 25, p. 431.)

Vermont & Massachusetts.—This road is leased to the Fitchburg R.R. 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.—This is the Toledo Wabash & Western re-organized after the sale, June 10, 1876, under consolidated gold mortgage of 1873. New litigation commenced in May, 1878. There is a debt of \$560,000 due the Equipment Company, payable \$56,000 per year. The "Seney" mort. included in funded debt bonds is for \$1,000,000, payable \$200,000 per year. Operations for 1877 showed \$4,585,914 gross earnings, and net earnings of \$1,060,398. (V. 25, p.

64, 89; V. 26, p. 215, 445, 471, 496, 524, 549, 592; V. 27, p. 17, 68, 437, 515, 540.)

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, 1875, \$1,033,980; expenses, \$672,367; net earnings, \$401,612. The company has been assisted by Balt. & O. The 1st and 3d mortgages, placed together, were originally \$400,000 1st 6s, and \$600,000 3d 8s, some of which have been exchanged for general mortgage bonds, but are deposited in escrow only. The president, Mr. John S. Barbour, was appointed receiver in July, 1876. Interest in default, but receiver ordered to make certain payments. (V. 23, p. 550; V. 27, p. 332, 437.)

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, 1877, \$595,025; expenses, \$391,430; net, \$203,594. Net profit above interest and rentals, \$10,358. (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. 393, 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. The bonds remaining in default for interest to their holders were the second preferred unendorsed, and on those

payment was made of coupons due July, 1873 and January, 1874, in January, 1877. The July 1877, interest on unendorsed bonds was not paid till January, 1878. Annual report for last fiscal year, to September 30, 1878, showed gross receipts, \$347,201; expenses, \$217,275; net receipts, \$129,926. (V. 25, p. 41, 298, 406; V. 26, p. 84, 471; V. 27, p. 406.)

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.)

Wilmington & Weldon.—Formerly leased to Wilmington, Columbia & Augusta road, but in Dec., 1877, default was made by lessee and property reverted. (V. 22, p. 16; V. 26, p. 68, 420, 496.)

Wisconsin Central.—Defaulted July, 1875, and funded 9 coupons. Afterwards built a considerable length of road. In year ending Sept. 30, 1876, gross earnings were \$709,935; expenses, \$412,201; 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. (V. 23, p. 478; V. 26, p. 13; V. 27, p. 358, 375, 480.)

Worcester & Nashua.—Guarantees the stock and bonds of Nashua & Rochester, leased. For year ending September 30, 1878, net income was \$38,060. (V. 25, p. 430; V. 27, p. 537.)

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	60	.....	50	1,633,350	4	F. & A.	Philadelphia, Office.	Feb. 4, 1878
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	6,434,000	7	J. & J.	do do	1891
Debtenture loan of 1894, coup and reg.	.....	1874	1,000	4,750,000	7	A. & O.	N. Y., office 71 B'way.	1894
1st M., coup. & reg., on Penn. Div. (\$10,000,000)	.....	1877	1000&c.	.....	7	M. & S.	do do	1917
<i>Lehigh Coal & Navigation</i> —Stock	153	.....	50	11,193,550	1 1/2	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	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. R.R. 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	.....	1,369,259	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. R.R. Co., Phila	Aug. 4, 1878
Preferred stock	103	.....	100	1,175,000	5	F. & A.	do do	Aug. 4, 1878
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	.....	.....	.....	.....
General mortg., interest guar'd by Penn. R.R.	327	1870	1,000	3,000,000	6	J. & J.	Philadelphia, Office.	July, 1910
<i>Schuylkill Navigation</i> —Stock, common	108	.....	50	909,236	70c.	F. & A.	Philadelphia, Office.	Aug. 25, 1878
Preferred stock	.....	.....	50	3,175,900	\$1 40	F. & A.	do do	Aug. 25, 1878
1st mortgage, extended	.....	.....	1,000	1,709,380	6	Q-M.	do do	March, 1897
2d mortgage	.....	.....	1,000	3,990,392	6	J. & J.	do do	1882 to 1907
Mortgage bonds, coup. (payable by P. & R.)	.....	.....	1,000	1,200,000	6	J. & J.	do do	1895
Improvement bonds	.....	1870	1,000	260,000	6	M. & N.	do do	May, 1880
Boat and car loan	.....	1863	1,000	756,650	6	M. & N.	do do	May, 1913
Boat and car loan	.....	1864	1,000	623,100	7	M. & N.	do do	May, 1915
<i>Susquehanna</i> —Stock	45	.....	50	2,002,746	.....	.....	.....	.....
Maryland loan, 2d mortgage	.....	1839	.....	1,000,000	6	J. & J.	Phila. and Baltimore.	Jan., 1885
<i>Susquehanna Canal</i> , common bonds, 3d mort.	.....	1859	.....	1,320,000	6	J. & J.	do do	Jan. 1, 1878
do pref., 3d. T. W. priority b'ds.	.....	1841-4	.....	325,310	6	J. & J.	do do	Jan., 1894
do bonds of 1872	.....	1872	.....	250,000	7	J. & J.	do do	Jan., 1902
<i>Union</i> —1st mortgage	85	.....	.....	3,000,000	6	M. & N.	Philadelphia, Office.	May 1, 1883

Chesapeake & Delaware.—Delaware City to Chesapeake City, Md. (V. 27, p. 66).
Chesapeake & Ohio.—Gross receipts, 1875, \$473,210; net, \$251,175. Paid on bonds, \$233,940. (V. 24, p. 369.)
Delaware Div.—Leased to Lehigh Coal & Navigation Co., at interest on bonds, and 8 per cent a year on stock.
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 R.R. The annual report for 1871 is given in V. 26, p. 208 and p. 242; and committee's report, V. 25, p. 161. (V. 24, p. 179, 227, 444; V. 25, p. 161, 615; V. 26, p. 208, 242, 495, 564, 574, 599.)

Lehigh Coal & Navigation.—Gross receipts in 1877, \$994,665; expenses and int., \$1,189,321; excess of the latter, \$194,655. 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. 219; V. 24, p. 247, 445; V. 25, p. 432.)
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. R.R. 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 Aug. 22, 1877, was payable in Phil. & Reading R.R. 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.

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DESCRIPTION. For explanation of column headings, &c., see notes at the head of first page of tables.	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.	
Adam Express Company—Stock.....	.....	\$100	\$12,000,000	2	Q.—M.	N. Y., Company's Office.	Sept. 1, 1878
American Express—Stock.....	.....	100	18,000,000	1½	J. & J.	N. Y., Company's Office.	Jan. 1, 1879
American Coal (Maryland)—Stock.....	.....	25	1,500,000	2½	M. & S.	New York, Office.	Sept. 10, 1877
Atlantic & Pacific Telegraph—Stock.....	.....	100	15,000,000	3¼	.....	New York.	Sept. 30, 1878
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 (sirk'd one-fifth of land sales)	1873	£200	576,000	6 g.	J. & J.	London, Brown, S. & Co	Jan. 1, 1904
Mortgage bonds, gold, sixes (for \$2,500,000)	1874	1,000	999,000	6 g.	J. & J.	New York or London.	Jan. 1, 1904
Un. RR., 1st M., end. (s. f., rents on \$220,163)	.....	500 &c.	783,000	6	J. & J.	.....	.....
do 2d M., g., end., (s. f., gr'nd'r'ts on \$144,800)	.....	500 &c.	600,000	6 g.	M. & N.	.....	.....
Consolidation Coal of Maryland—Stock.....	.....	100	10,250,000	2½	M. & S.	N. Y., Co.'s Office, 71 B'y.	1900
1st mortgage (convertible).....	1864	1,000	387,000	7	J. & J.	do do	Jan. 2, 1877
1st mortgage, consolidated, convertible.....	1872	1,000	363,000	6	J. & J.	do do	Jan., 1885
Cumberland Coal and Iron—1st mortgage.....	1852	.....	137,000	6	J. & J.	do do	Jan. 1, 1897
do do 2d mortgage.....	1869	1,000	498,000	6	F. & A.	do do	1879
Cumberland Coal & Iron Company—Stock.....	.....	100	500,000	6	A. & O.	do do	Feb., 1879
Dunleith & Dubuque Bridge—Bonds sink. fund.	1868	1,000	400,000	8	M. & N.	New York, Office.	Oct. 15, 1875
Illinois & St. Louis Bridge—1st M., coup., s. f....	1871	1,000	3,756,000	7 g.	A. & O.	N. Y., at Ill. Cent. RR.	Nov., 1893
2d mortgage, coupon.....	1871	1,000	2,000,000	7 g.	J. & J.	New York and London.	1900
3d mortgage, coupon.....	1874	1,000	2,492,000	7 g.	M. & S.	do do	July 1, 1901
4th mortgage.....	1875	1,000	1,000,000	10	J. & J.	do do	Mar. 1, 1886
St. Louis Tunnel RR.—1st mort., sterling, s. f.	1873	£200	1,000,000	9 g.	J. & J.	St. Louis.	.....
do do 2d mortgage.....	1875	.....	1,000,000	10	J. & J.	London, J. S. Morgan & Co.	Jan. 1, 1888
Iowa RR. Land Co.—Stock.....	.....	100	7,620,000	1	Q.—F.	St. Louis.	.....
Mariposa Land & Mining Company—Stock.....	.....	100	10,000,000	.....	.....	Boston, Treas.' Office.	Nov. 1, 1878
Preferred stock.....	.....	100	5,000,000	.....	.....	.....	.....
Mortgage bonds (for \$500,000).....	1875	1,000	(?)	.....	J. & J.	New York.	Jan. 1, 1886
Maryland Coal—Stock.....	.....	100	4,400,000	1½	.....	.....	Jan. 31, 1876
Ontario Silver Mining—Stock.....	.....	100	10,000,000	.....	.....	St. Louis.	.....
Pacific Mail Steamship Company—Stock.....	.....	100	20,000,000	3	.....	.....	Sept., 1869
Pennsylvania Coal—Stock.....	.....	50	5,000,000	3	Q.—F.	N. Y., 111 Broadway.	Aug. 1, 1878
1st mortgage bonds.....	1861	.....	481,500	7	F. & A.	do do	Aug. 1, 1881
Pennsylvania Anthracite Coal—Stock.....	.....	.....	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.—F.	New York, Office.	1877
Pullman Palace Car—Stock.....	.....	100	5,938,200	2	Q.—F.	N. Y., Farm L. & T. Co.	Nov. 15, 1878
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, 1888
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	.....	.....	.....	.....
Mortgage bonds, gold.....	.....	.....	275,000	7 g.	J. & J.	N. Y., Company's Office.	1879
Southern & Atlantic Tel.—Guaranteed stock.....	.....	25	948,000	2½	A. & O.	N. Y., West. Union Tel.	Oct., 1878
Spring Mountain Coal—Stock, guar. 7 p.c. by L.V.	.....	50	1,500,000	3½	J. & D.	N. Y., Company's Office.	Dec. 10, 1878
United States Express—Stock.....	.....	100	7,000,000	2	.....	New York, Office.	Nov. 15, 1876
United States Rolling Stock—Stock.....	.....	.....	5,000,000	2 g.	M. & S.	New York and London.	Sept. 1, 1878
Wells, Fargo & Company Express—Stock.....	.....	100	5,000,000	4	J. & J.	New York, Office.	July 15, 1878
Western Union Telegraph—Stock.....	.....	100	35,084,975	1½	Q.—J.	New York, Office.	Oct. 15, 1878
Real estate bonds, gold, sinking fund.....	1872	1,000	1,373,000	7 g.	M. & N.	N. Y., Union Trust Co.	May, 1902
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, 1900
Sterling bonds, coup. (s. f. 1 p. c. per annum)...	1875	£100 &c	981,234	6 g.	M. & S.	London, Morton, R. & Co	March 1, 1900

Adams Express Company.—A reference to the suit 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.)

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 86½ to Western Union. (V. 25, p. 16, 115, 188, 355, 374, 433, 591; V. 26, p. 3, 4, 456, 469, 521; V. 27, p. 289.)

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, 1878, is in V. 27, p. 14. 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. 24, p. 613; V. 27, p. 14.)

Consolidation Coal.—Annual report for 1877 in V. 26, p. 262, showing gross receipts, \$1,475,559; expenses, \$1,246,644; net, \$228,914. 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. 24, p. 181, 226, 248; V. 26, p. 262.)

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. A decree foreclosure under the first and second mortgages on the Bridge was made in November, the sale to take place Dec. 20, 1878. (V. 25, p. 420, 524; V. 27, p. 17, 227, 435, 461.)

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 \$576,846, and 601 town lots for \$62,962. The cash collections were \$72,665, and dividends 4½ per cent. (V. 26, 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. 26, p. 290.)

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

Pacific Mail Steamship Co.—A reference to the pages following is necessary to get definite information. (V. 26, p. 217, 523, 547, 625, 653; V. 27, p. 68, 229, 384.)

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

Pennsylvania Anthracite Coal.—This Company's stock and bonds admitted to N. Y. Stock Board Feb., 1877. (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. Annual reports have been published as follows: V. 23, p. 402; V. 25, p. 308. (V. 26, p. 217; V. 27, p. 302.)

Quicksilver Mining Company.—(V. 22, p. 233, 303; V. 24, p. 507; V. 25, p. 15, 358; V. 27, p. 228.)

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

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

United States Rolling Stock Co.—See report V. 26, p. 289.

Western Union Telegraph.—The company holds about \$6,000,000 of its own stock, making the total \$41,073,410. (V. 26, p. 135, 266, 304, 592, 626; V. 27, p. 274, 381, 454.)

R. A. LANCASTER & CO.,

Bankers and Brokers,

66 BROADWAY, NEW YORK,

DEALERS IN

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GOVERNMENT BONDS,

State, City, County, Railroad and Miscellaneous Securities

BOUGHT AND SOLD ON COMMISSION.

VIRGINIA TAX-RECEIVABLE COUPONS BOUGHT AND SOLD.

SOUTHERN SECURITIES A SPECIALTY.

LOANS NEGOTIATED.

QUOTATIONS ARE AS FOLLOWS, NOVEMBER 26:

	Bid.	Ask.		Bid.	Ask.		Bid.	Ask.
Government Securities.			Tennessee—(Continued)—			Marietta & Cincinnati—1st, 7s, '92. F&A		
6 per cent, registered, 1881.....	101	109½	6s. new, series, 1914.....	28	31	3d, 8s.....	83	85
6 per cent, coupon, 1881.....	109	109½	Virginia—6s, old.....	25	25	A&O.....	11	11½
Called bonds, registered.....			6s, new, 1886.....	25	25	Memphis & Charleston—1st, 7s, '80. M&N	98	110
do coupon.....			do 1861.....	25	25	2d, 7s, 1885.....	60	85
5-20s, registered, new issue, 1865.....	105½	103½	6s, consol.....	73	73	Stock.....	5	7
5-2 s. coupon, new issue, 1865.....	103½	103½	ex-matured coupon.....	55½	55½	Memphis & L. Rock, 1st M., 1907.....	40	45
5-20s, registered, 1867.....	105½	106	6s, consol, 2d series.....	38	39	Mississippi Central—1st, 7s.....	93	102
5-20s, coupon, 1867.....	105½	106	6s, deferred.....	7½	7½	2d, 8s.....	86	90
5-20s, regist red, 1868.....	108½	108½	District of Columbia—3-6s, 1924.....	77½	78	Mississippi & Tennessee—1st, 8s, A.....	108	110
5 20s, coupon, 1865.....	108½	108½	Small bonds.....			1st, 8s, B.....	83	85
10 40s, registered.....	107½	107½	Registered.....	77	77	Mobile & Ohio—Sterling, 8s.....	65	70
10-40s, coupon.....	107½	107½				Interest, 8s.....	45	50
5s, registered, 1881.....	105	116½	City Bonds.			2d, 8s.....	15	20
5s, coupon, 1881.....	105½	116	Atlanta, Ga., 7s.....	97	100	Nashville Chattanooga & St. Louis.....	100	101
4½s, registered, 1891.....	103½	104	Augusta, Ga., 7s, various.....	97	100	Nashville & Decatur, 1st, 7s.....	99	100
4½s, coupon, 1891.....	104½	104	Charleston, S. C., 7s.....	70	80	New Orleans Jackson & Gt. No.—1st, 8s,	106	110
4s, registered, 1907.....	100½	100½	Columbus, Ga., 7s.....	61	65	2d, 8s.....		
4s, coupon, 1907.....	100½	100½	Lynchburg City, Va., 8s.....	108	110	New Orleans & Mobile—1st, 8s.....	50	60
4s, small, coupon.....	100½	100½	Macon, Ga., 7s.....	50	60	1st, 7s.....		
6s, currency, 1895-99.....	121		Memphis, Tenn.—6s, 1900.....	35	40	Norfolk & Petersburg—1st, 8s.....	104	106
			Gold, 6s, 1900.....			1st, 7s.....	90	95
State Securities.			Mobile, Ala.—6s.....	32	32	2d, 8s.....	88	93
Alabama—New consols, A.....	43	45	8s.....			Northern Central—6s, 1885.....	J&J	106
New consols, Es. B.....	72	74	New Orleans, La.—Es, premium.....	30½	32	6s, 1900.....	A&O	101
do C.....	46	48	Consol., 6s, 1892.....			6s, gold, 1900.....	J&J	94
Arkansas—6s, funded.....	22	22	Norfolk, Va., 6s.....	90	98	Northern Pacific, new preferred stock.....	18	19
7s, railroads.....	3	6	Petersburg, Va.—6s.....	93	95	Ohio & Mississippi—1st, 7s.....	104	105
7s, levees.....	4½	5	8s.....	105	106	2d, 7s.....	71	73
Connecticut 6s, 1883-84.....	103		Richmond, Va.—6s.....	102	103	Orange & Alexandria—1st, 6s.....	M&N	87
Georgia—6s, 1879-80-85.....	101		8s.....	118	120	2d, 6s.....	M&N	76
7s, new, 1886.....	109½	112	Savannah, Ga.—7s, old.....	65	70	3d, 8s.....	M&N	35
7s, endorsed, 1883.....	108		7s, new.....			4th, 8s.....	M&S	12
7s, gold, 1890.....	107½		Vicksburg City.....			Orange Alexandria & Man., 7s.....	J&J	43
Illinois—6s, coupon, 1879.....	103		Wilmington, N. C.—6s, gold.....			Petersburg RR.—1st, 8s, 1879-93.....	J&J	100
War loan.....	103		8s, gold.....			2d, 8s, 1902.....	J&J	30
Kentucky 6s.....	103½					Pittsburg & Connellsv.—1st, 7s, '98.....	J&J	96
Louisiana—Consol., 7s, 1914.....	76½	78	Railroad Bonds.			Consol., 6s, gold, 1906.....	M&N	99
Co sol, 7s small.....		77	Alabama & Chattanooga, 1st, 8s.....	55	65	Piedmont RR., 1st, 8s.....		99
Michigan—6s, 1878-9.....	103½		Atchison & Pike's Peak, 6s, gold.....	100	100	Richmond Fredericksb. & Pot.—6s.....	J&J	85
6s, 1883.....	110		Atlanta & Charlotte Air L.—1st pref., 7s,	100	100	7s.....	J&J	28½
7s, 1890.....	102½		1st, 7s.....	35	40	Richmond & Danville, 1st, 6s.....	M&N	77
Missouri—6s, due in 1878.....	102½		Atlantic & Gulf—Consols, 1st, 7s, 1897.....	95	100	Richmond & Petersburg, 1st, 8s.....		100
6s, due in 1882 or 1883.....	103½		Consols, 1st, 7s, 1897, end. by Savannah			Savannah & Charleston, 1st, 7s.....		
6s, do 1886.....	105		Atlantic Tennessee & Ohio, 1st, 8s, gold			1st, 7s.....		
6s, do 1887.....	105½		Baltimore & Ohio—Stock.....	86	88	Savannah & Memphis—1st, 8s.....		
6s, do 1888.....	805½		6s, 1880.....	102	103	Seaboard & Roanoke, 1st, 7s, 1890.....	F&A	
6s, do 1889 or 1890.....	105½	106½	6s, 1885.....	103	103	Selma & Gulf, 1st, 8s.....		
Asylum or University, due 1892.....	105		Burlington C. R. & N., 1st, 5s, 1906.....	71½	72	South Carolina RR., 1st, 7s.....	M&N	87
Funding, due 1894-95.....	109	110	Central Georgia, consol. mortgage, 7s.....	35	40	2d, 7s.....	M&N	
Hannibal & St. Joseph, due 1886.....	104½	105	Charl. Columbia & Aug.—1st, consols, 7s,	103	107	South Side, Va.—1st, 8s, 1884-90.....	J&J	101
do due 1887.....	104½	105	2d mortgage.....	55	90	2d, 6s, 1884-90.....	J&J	73
North Carolina—6s, old, 1883-98.....	J&J	16½	Cheraw & Darlington, 8s.....	102	102	2d, 6s, 1884-90.....	J&J	65
6s, old, 1883-93.....	A&O	16½	Chesapeake & Ohio, 1st 6s.....	27	29	Southwestern, Ga., 7s.....	J&J	102
No. Carolina RR., 1883-4-5.....	J&J	80	Denver & Rio Grande, 1st, 7s.....	84½	85	Virginia & Tennessee, 6s.....		85
do do.....	A&O	80	East Tennessee & Georgia, 6s.....	90	95	8s.....		97
do do coupon, off. J&J.....	J&J	60	East Tennessee & Virginia, 6s, endorsed	95	100	Western, N. C., 1st, 7s.....		90
do do do A&O.....	A&O	60	East Tennessee Virginia & Ga., 1st, 7s	100	102	Wilmington Col. & Aug., 1st, 7s.....	J&D	25
Funding Act, 1866-1900.....	9½		Flint & Pere Marquette, 8s, land grant.....	85	90	Wilmington & Weld., gold, 7s, 1900.....	J&J	96
do 1868-98.....	9½		Georgia RR.—7s.....	103	106			
New bonds, 1892-98.....	J&J	9	Greenville & Columbia—1st, 7s.....	96	100	Miscellaneous Bonds.		
do do.....	A&O	9	7s, guaranteed.....	90	90	James River & Kanawha Canal—1st, 6s,	45	55
Special tax, class 1, 1898-99.....	2	2½	Houston & Great Northern, 1st, 7s.....	61	63	2d, 6s.....		
do class 2.....	1½	2½	Houston & Texas Central, 1st, 7s, g. J&J	94	96	Mississippi Levee, 10 per cent bonds.....	90	
do class 3.....	1½	2½	Iowa Falls & Sioux City, 1st, 7s.....			Past-Due Coupons.		
Ohio—6s, 1881.....	105	107	Kansas Pacific.....			Memphis City coupons.....	25	35
6s, 1886.....	110		Louisville & Nashville—Consol., 1st, 7s			South Carolina consol coupons.....		
Rhode Island 6s, coupon, 1893-94.....	112		Consol., 2d, 7s, gold.....			Tennessee State coupons.....	15	20
South Carolina—Consol., 6s, approved.....	80	82	Macon & Augusta, 1st, 7s, 1887.....	J&J		Virginia pealer coupons.....	10	15
Consol., 6s, doubtful.....	65	75	Macon & Brunswick, 1st, 7s, '88, end. J&J			Virginia tax-receivable coupons.....	81	82
Tennessee—6s, old, 1890-2-8.....	31	35½						
6s, new 1891-92-1900.....	28	31						