

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.

WILLIAM B. DANA & CO., Publishers,

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THE INVESTORS' SUPPLEMENT.

More information is wanted about stocks and bonds, and the next number of the INVESTORS' SUPPLEMENT will be more than doubled in size.

The type in the remarks at the foot of the pages of tables has been somewhat worn and obscure, so that the aged investor could barely ascertain the value of his securities by endeavoring to read these remarks. This type will all be renewed and the entire SUPPLEMENT will appear in the handsome large-faced nonpareil type from the foundry of George Bruce & Sons, of this city. No increased charge will be made for the SUPPLEMENT to subscribers of the COMMERCIAL AND FINANCIAL CHRONICLE, but it will be furnished to them gratis as heretofore, as something in the nature of a prize or inducement to become and remain regular subscribers—it is hoped that the SUPPLEMENT will be considered more than an equivalent for the chromos, sewing-machines, nickel-plated watches, brass fenders, &c., &c., which are presented to the irsubscribers by some of our enterprising contemporaries.

The increased space of 36 pages in the new SUPPLEMENT will be mainly devoted to the department of railroad and miscellaneous stocks and bonds, in which there is an opportunity for giving far more information than can possibly be compressed into the present limits. There has been an immense increase in the volume of dealings in railroad securities, and a great number of new stocks and bonds have come into notice which had been practically dead. The year 1879 was emphatically a year of resurrection for railroad securities, and so great were the profits made on many of these defunct specialties, that a mania sprang up for the stocks and bonds of railroads that had been in default. Indeed, so marked has been the inquiry for these, that it was almost desirable for a low-priced thing to have been in default,

in order to meet with popular favor, and one of the wags of the Street says that he is reminded of a very worthy female charitable institution, in which it is a pre-requisite of admission that a woman should have lost her virtue; the motto is practically inscribed on their doors—"those of unblemished record are not accepted here." In consequence of this new interest in securities which had gone out of sight and were supposed to have been virtually extinguished, as also from the admission of many new stocks to the Board list, there will be nearly a hundred new companies to be placed in the tables of the SUPPLEMENT as enlarged.

The plan and theory of the INVESTORS' SUPPLEMENT is entirely overlooked, unless its tables and brief remarks are used in connection with the extended information published from week to week in the CHRONICLE, which can always be referred to easily through the index to pages which is given in the remarks pertaining to each State, city or company in these tables.

It will be the aim of the publishers to give more complete and better classified news and statistics in the CHRONICLE in regard to the numerous companies whose stocks are dealt in at the stock exchanges in New York and other cities, as well as those which have no place on the stock boards. And particularly as to the annual reports of railroad and other companies, a more complete exhibit will be given, with comparative figures for several years. A summary of all this information can be presented in the remarks of the SUPPLEMENT, with the increased space obtained by the enlargement, and this will make it a species of hand-book for bankers, investors, stock-brokers, and all parties who have any occasion to buy or sell stocks and bonds for their own account or for their customers. It will undoubtedly occur that errors will sometimes get into such a mass of statistics, but without assuming any infallibility, the publishers will spare no effort to ensure accuracy, and shall hereafter, as heretofore, always esteem it a favor if their readers will give notice of any error discovered in the CHRONICLE or SUPPLEMENT.

The best check on unreasonable speculation, and the best security against the purchase of valueless securities by investors, is found in a thorough ventilation of the affairs of corporations, and it is believed that the light thrown on these matters by the information given in the CHRONICLE and SUPPLEMENT will be of valuable service to all those who have anything to do with stocks and bonds. It is to be regretted that better and more extended official reports are not required of railroad corporations by the laws of the several States, but this defect may in time be remedied, and laws be passed which will do justice alike to the companies and their stockholders.

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 description of U. S. Government Securities is published in the CHRONICLE each month, as soon as the official "Debt Statement" is issued. Prices of all active Stocks and Bonds are quoted weekly in the CHRONICLE, and a list of general quotations is published monthly.

The following will give explanations of each column of the tables below:

Description.—Railroads leased to others will sometimes 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," and for "endorsed." "Coupon" indicates that the bonds are coupon, but may be registered.

Date of Bonds.—The date of issue is referred to in this column.

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

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

Rate Per Cent.—The interest per annum is given for bonds, but the per cent of last dividend for stocks; g means gold; x, extra; s, stock or scrip.

When Payable.—J. & J. stands for Jan. & July; F. & A., Feb. & Aug.; M. & S., March & Sept.; A. & O., April & Oct.; M. & N., May & Nov.; J. & D., June & Dec.; Q.—J., quarterly from January; Q.—F., quarterly from Feb.; Q.—M., quarterly from March.

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

STATE SECURITIES.

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

DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount Outstanding.	INTEREST.			Principal—When Due.
				Rate.	When Payable.	Where Payable and by Whom.	
For explanations see notes above.							
Alabama—Substitution bonds (A) (\$7,000,000)	1876	\$100&c.	\$6,438,000	2 &c.	J. & J.	New York.	July 1, 1906
Substitut'n b'ds for RR. (B) (\$596,000)	1876	100 &c.	538,000	5	J. & J.	do	July 1, 1906
do for Ala. & Chatt. (C) (\$1,000,000)	1876	100 &c.	827,000	2 &c.	J. & J.	do	July 1, 1906
Educational funded debt			2,810,670				
Funded "obligations"	1874		1,000,000	8	J. & J.	Montgomery.	July 1, 1884
Arkansas—Funding bonds of 1869 and 1870	1869 to '70	1,000	1,886,000	6	J. & J.	N. Y., Union Trust Co.	1899
Funding Bonds 1870 (Holford)	1870	1,000	1,316,000	6			1900
Levee bonds (or warrants)	1871	100 &c.	1,986,773	7	J. & J.	do do	1900
Old unfunded debt, including interest	1838 to '39		1,985,955				
Ten year b'ds, Act May 29, '74	1874		258,300	10			1884
Secured sinking fund bonds (Act. Dec., 1874)	1875		375,000	6	J. & J.	New York, Latham, A. & Co.	
To Memphis & Little Rock Railroad	1869	1,000	1,200,000	7	A. & O.	N. Y., Union Trust Co.	1899
To Little Rock & Fort Smith Railroad	1870	1,000	1,000,000	7	A. & O.	do do	1900
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	April, 1900
State scrip	1863		1,353,120	& 8			
California—Soldiers' relief	1863	500 &c.	95,500	7 g.	J. & J.	Sacramento, Treasury.	1883
State capital bonds	1870 & '72		500,000	7 g.	J. & J.	do do	1885
Funded debt bonds of 1873	1873	500 &c.	2,801,000	6 g.	J. & J.	do do	1893
Connecticut—War bonds, 20 year	1863	1,000	877,000	6	J. & J.	Hartford, Treasury.	Jan. 1, 1883
War bonds, 20 year	1864	1,000	1,318,500	6	J. & J.	do do	Jan. 1, 1884
do not taxable, 20 year	1865	100 &c.	1,741,100	6	A. & O.	do do	Oct. 1, 1885
New bonds, coupon, 10-20 year	1877	1,000	1,031,000	5	M. & N.	do do	May 1, 1897
District of Columbia—Perm't imp't, gold, coup.	1872	500 &c.	3,995,000	6 g.	J. & J.	Wash. or N. Y., U. S. Treas.	July 1, 1891
Permanent improvement bonds, coupon	1873		670,000	7	J. & J.	do do	July 1, 1891
Bds for fund'g (Act June 10, '79) coup. or reg.	1879		1,092,300	5	J. & J.	do do	July 1, 1899
Fund. b'ds (U.S. guar., Acts June, '74 & Feb., '75)	1874	50 &c.	13,504,900	3-65	F. & A.	do do	Aug. 1, 1924
Market house bonds, coupon	1872	50 &c.	150,000	7	J. & J.	do do	July 26, 1892
Water stock bonds, coupon	1871 to '73	1,000	423,000	7	J. & J.	do do	Oct. 1, 1901 to '03
Wash. fund'g, gld, (\$660,000 are M. & N., 1902)	1872	100 &c.	1,330,000	6 g.	J. & J.	do do	1892 & 1902
Florida—State bonds	1871		350,000	7		N. Y., Importers' & Tr. B'k.	
Consolidated gold bonds (\$300,000 are 7s)	1873	1,000	923,100	7 & 6 g.	J. & J.	do do	Jan. 1, 1903
Loan to Jacksonville, Pensacola & Mobile RR.	1870	1,000	4,000,000	8 g.	J. & J.		
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.	300,000	8	A. & O.	do do	April 1, 1886
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
New funding bonds, small	1879	500 &c.	500,000	4	Jan.	State Treasury.	Jan. 1, 1885
Illinois—Refunded stock bonds	1847	1,000	300,000	6	J. & J.	N. Y., Am. Exchange Bank.	At will.
Indiana—Bonds, coup. (pay'ble after Apr. 1, '84)	1879		510,000	5	A. & O.	N. Y., Winslow, L. & Co.	April 1, 1889
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

Alabama.—The State gave 30-year bonds, dated July 1, 1876, bearing 2 per cent till 1881, then 3 per cent till 1886, 4 per cent till 1896, and 5 per cent for last 10 years, for old bonds, without any allowance for past-due coupons. Alabama & Chattanooga endorsed bonds are exchanged for \$1,000,000 of the new bonds, Class C, which bear 2 per cent till 1881, and 4 per cent for remaining 25 years. For railroad endorsements the bonds issued bear 5 per cent. An analysis of the debt and funding operations was given in the CHRONICLE, V. 24, p. 28, from which the following is condensed. The State's railroad endorsements ignored were—East Alabama & Cincinnati Railroad bonds, \$400,000; Selma & Gulf Railroad bonds, \$640,000; Montgomery & Eufala Railroad bonds, \$1,280,000; Selma Marion & Memphis Railroad bonds, \$765,000; Selma & New Orleans Railroad bonds, \$320,000; 8 per cents issued to Montgomery & Eufala Railroad, \$300,000; unpaid interest on above, about \$1,000,000. For the \$2,000,000 of State 8 per cent bonds issued to the Alabama & Chattanooga Railroad, under act of February 11, 1870, the State, as a full settlement, turned over to the bondholders the lien which the State held on the lands granted to that railroad, variously estimated as being from 500,000 to 1,200,000 acres. A general summary of the debt, old and new, made the following exhibit:

	Old debt.	New authorized.
Five per cent State certificates	\$1,040,000	\$1,040,000
Educational fund indebtedness	2,810,670	2,810,670
Total of Class A	7,416,800	7,127,709
Total of Class B	1,192,000	596,000
Total of Class C	5,300,000	1,000,000

Total acknowledged debt \$18,759,470 \$12,574,379
 Unprovided for, except as above explained—
 Alabama & Chattanooga Railroad \$2,000,000
 Other State endorsements 4,705,000

Total old debt, not including overdue interest \$25,464,470
 Tax rate, 1878-9, 7 mills. The assessed valuation of real estate and personalty is \$126,773,262. (V. 24, p. 28, 420; V. 27, p. 94; V. 28, p. 199.)

Arkansas.—The State Supreme Court decided Levee bonds of 1869 and 1870 invalid. The State is in default for interest, except on the 10 per cents of 1874 and secured sinking fund bonds issued under the law of December, 1874. Assessed valuation of taxable property in 1880 about \$90,000,000, and tax rate 7½ mills. (V. 25, p. 161; V. 27, p. 15, 40; V. 28, p. 171, 276.)

California.—The State holds in trust for School and University funds the \$500,000 Capitol bonds and \$2,204,000 of bonds 1873. Total valuation of property, 1879, was \$584,578,036, against \$586,953,022 in 1878. Tax rate, 1879, 55 cents per \$100, against 52 in 1878.

Connecticut.—The debt of Connecticut was all created originally for war purposes. Assessed value of real and personal property, 1878, \$335,383,854; rate of taxation, 1½ mills. (V. 24, p. 387.)

District of Columbia.—The total assessed value of taxable real estate in 1877 was \$97,609,890; personal property, \$21,000,000. The interest on the 3-65 bonds is provided for by Congress, and the amount of these bonds will probably be raised to the full limit of \$15,000,000. See law of 1878, V. 26, p. 599. There is due the sinking fund \$256,221 per year (V. 26, p. 599; V. 27, p. 303; V. 28, p. 553, 578, 599; V. 29, p. 17, 40, 95..)

Florida.—Less the sinking fund of \$130,700, and Jacksonville Pensacola & Mobile 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 consolidated bonds are receivable for taxes. Real and personal property assessed in 1877 at \$30,898,247; tax rate, 9 mills. The Jacksonville Pensacola & Mobile Railroad loan is in litigation, and the State Supreme Court has decided that the State is not bound for it. (V. 25, p. 212.)

Georgia.—The constitutional amendment in 1877 declared void several issues of bonds and railroad endorsements, including all the semi-annual gold bonds of 1870 (\$1,880,000), and \$102,000, of the quarterly bonds held by H. Clews & Co.; the Brunswick & Albany bonds, \$1,500,000, and all railroad endorsements, except \$1,950,000 Macon & Brunswick; \$194,000 Alabama & Chattanooga; \$240,000 North and South Georgia, and \$34,000 Memphis Branch. The Southern Georgia & Florida Railroad has \$464,000 of bonds endorsed, but the Company pays interest and the road is estimated to be worth the bonds. Assessed value of property in 1878 was as follows: Lands, \$86,255,473; city and town property, \$48,370,413; total, including personal, \$226,221,718, against \$235,659,530 in 1877, \$245,853,750 in 1876, and \$261,755,884 in 1875; rate of tax in 1878, five mills. (V. 27, p. 653; V. 28, p. 17.)

Illinois.—The Illinois Central Railroad charter tax on earnings is about \$300,000. For 1879 the total assessed value by local assessors was: Lands, \$412,208,278; town and city lots, \$177,567,098; personal property, \$151,629,963. (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. Indiana made a compromise with her bondholders in 1846, giving them State stock for one-half of their bonds and overdue coupons, and Wabash & Erie Canal stock for the balance—about \$7,500,000, the Legislature declaring at that time that it would never make provision for the payment of bonds not surrendered for exchange in that way, and thus making the surrender almost compulsory. The canal has proved worthless, and the creditors claimed payment for their shares from the State. Valuation, 1879, all taxable property, \$884,368,828, against \$850,616,987 in 1878. Tax rate, 1.3 mills.

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Principal—When due.
				Rate.	When Payable	Where payable and by whom.	
For explanation see notes on first page of tables.							
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	1880 to '99
Military loan.....	1864 to '65	.....	239,000	7	J. & J.	do do	1884 to '99
Louisiana —Bonds for relief of State Treasury.....	1853	500	61,000	6	J. & J.	\$15,000	July, 1893
Bonds in aid of various railroads.....	.....	1,000	273,000	6	Various	119,000	1872 to 1906
Levee bonds—Act 35 of 1865.....	1866	1,000	49,000	8	Various	.....	1886
do Act 115 of 1867.....	1867	1,000	98,000	6	M. & N.	.....	May 1, 1907
do special—Act 32 of 1870.....	1870	500	23,000	8	M. & S.	.....	March 1, 1875
Bonds funding coupons.....	1866	100 &c.	48,000	6	J. & J.	.....	1886 & '88
do to Boeuf & Crocodile Navigation Co.....	1870	1,000	80,000	8	J. & J.	80,000	Jan. 1, 1890
do to Mississippi & Mexican Gulf Canal.....	1869	1,000	260,000	7-30	M. & S.	260,000	1899
do school, held by St. Treasurer.....	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.	11,781,761	7	J. & J.	N. Y., Bank of N. Y.	Jan., 1914
Maine —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
Maryland —Baltimore & Ohio Railroad, sterling	1838	.....	2,010,000	5 g.	J. & J.	London, Baring Bros.	1890
Chesapeake & Ohio Canal, sterling.....	1838	.....	2,502,555	5 g.	J. & J.	do do	1890
Railroads and canals.....	Various.	.....	155,615	5	Q.—J.	Baltimore, State Agency.	1880 & 1890
Eastern Shore Railroad.....	1839	.....	31,069	5	A. & O.	do do	1890
Baltimore & Susquehanna Railroad.....	1837	.....	269,000	3	Quart'y	do do	1890
Chesapeake & Ohio Canal.....	1870	.....	528,355	6	J. & J.	do do	1885
Baltimore & Susquehanna Railroad.....	1839	.....	298,435	6	Q.—J.	do do	1890
Annapolis & Elkridge Railroad.....	1839	.....	62,605	6	A. & O.	do do	1890
Defense Bounty Loan.....	1868	.....	3,326,750	6	J. & J.	do do	1883
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
Massachusetts —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.	5,506,952	5 g.	A. & O.	do do	Oct., 1888 to '90
do do home.....	1861 to '63	500 &c.	1,366,500	5 g.	A. & O.	Boston, Treasury.	April, 1891 & '93
do do sterling.....	1871	200 &c.	3,598,450	5 g.	J. & J.	London, Baring Bros.	July, 1891
do do sterling.....	1875	£500	1,497,980	5 g.	J. & J.	do do	Jan. 1, 1895
do do dollar bonds.....	1873 to '74	1,000	670,000	5 g.	J. & J.	Boston, Treasury.	1893 & '94
do do do.....	1875	1,000	1,300,000	5 g.	J. & J.	do do	July 1, 1895
Southern Vermont Railroad Loan.....	1860	5,000	200,000	5 g.	A. & O.	do do	April 1, 1890
Boston, Hartford & Erie Railroad, sterling.....	1868 to '69	£200	3,599,024	5 g.	J. & J.	London, Baring Bros.	July 1, 1900
Harbor Land Improvement (5-20s).....	1874 & '76	1,000	700,000	5 g.	J. & J.	Boston, Treasury.	Sept. 1, 1894-96
Danvers Lunatic Hospital.....	1874 & '76	1,000	1,350,000	5 g.	Various	Boston, Treasury.	J'ly 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
Michigan —Two Million Loan.....	1863	1,000	591,000	6	J. & J.	N. Y., Am. Exchange Bank.	Jan. 1, 1883
War Bounty Bonds.....	1865	1,000	299,000	7	M. & N.	do do	May, 1890
Minnesota —State Building loan, coupon.....	1873	1,000	250,000	7	J. & J.	St. Paul, Treasury.	July 1, 1883
Railroad Bonds (not recognized).....	1858	1,000	2,275,000	7	J. & D.	.....	Dec., 1887
Missouri —State bonds, proper.....	1865 to '66	1,000	439,000	6	J. & J.	N. Y., Bank of Commerce.	1893
Consolidated bonds.....	1868	1,000	2,727,000	6	J. & J.	do do	1888
University and Lunatic Asylum bonds.....	1872	1,000	401,000	6	J. & J.	do do	July, 1892
State Bank stock refunding.....	1874	1,000	104,000	6	J. & J.	do do	April 1, 1894
Bonds to North Missouri Railroad.....	1854 to '58	1,000	1,693,000	6	J. & J.	do do	1879 to '88
Bonds to Cairo & Fulton Railroad.....	1857 to '59	1,000	267,000	6	J. & J.	do do	1879 to '89
Bonds to Platte County Railroad.....	1859 to '60	1,000	504,000	6	J. & J.	do do	1889 to '90
Bonds to Iron Mountain Railroad.....	1854 to '59	1,000	1,361,000	6	J. & J.	do do	1879 to '89
Pacific Railroad of Missouri.....	1853 to '59	1,000	2,971,000	6	J. & J.	do do	1879 to '87
Funding bonds.....	1874	1,000	1,000,000	6	J. & J.	do do	July, 1894
Renewal bonds, coup., 5-20s, (act Mch. 29, '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
Nebraska —Bonds (act Feb. 14, 1877) coupon.....	1877	1,000	549,267	8	A. & O.	State Treasury.	April 1, 1897
Nevada —State bonds.....	1871	1,000	160,000	9½ & 10	Various	State Treasury.	1881 and '82
Territorial bonds.....	1872	1,000	380,000	9½	M. & S.	do	March, 1887
New Hampshire —War loan, coupon bonds.....	1864	1,000	600,000	6	M. & S.	Concord or Boston.	Sept., 1884 & '89
Municipal war loan.....	1872	100 &c.	2,206,100	6	J. & J.	do do	Jan., '92 to 1905
State bonds.....	1873	100 &c.	200,000	6	J. & J.	do do	July 1, 1880
Loan of 1879.....	1879	1,000	300,000	5	J. & J.	Bost., Nat. Bk. Commonw'lth	July 1, '89-'90-'91

Kansas.—Kansas has but a small State debt, but the issue of municipal bonds amount to \$13,000,000. The valuations in 1879 were: Real estate, \$101,103,127; personal, \$27,334,715; railroads, \$16,165,829—total, \$143,930,279, against \$138,698,801 in 1878, and \$136,019,113 in 1877. Tax rate, 5½ mills for State purposes. State funds hold \$713,700 of the bonds.

Louisiana.—The Constitutional amendment passed December, 1879, provides for a new bond in place of consols of 1871, bearing 2 per cent for 5 years, 3 per cent for 15 years and 4 per cent afterwards, on which basis the interest charge per year for consols is \$235,542. Constitutional provisions of 1879, see V. 29, p. 96. The assessed value of property for 1880 is \$149,635,805, and whole tax for all State purposes is limited to 6 mills, on which the comptroller estimates a deficit for 1880 of \$385,626. The interest tax was 5½ mills before the constitutional amendment, and bondholders are trying to enforce its collection by suit. There is considerable overdue interest of the years 1874 to 1878 inclusive. (V. 28, p. 18, 42, 173, 224, 526, 553, 624, 641; V. 29, p. 18, 96, 277, 330, 358, 631.)

Maine.—The sinking fund (\$1,032,995), January, 1879, reduced the total debt to a net amount of \$4,815,905. Valuation of total taxables in 1875, \$255,000,000; tax rate in 1877, 3 mills. For 1878, 3¾ mills. (V. 28, p. 42.)

Maryland.—The assessed valuation of property in 1877 was \$478,468,028; in 1878, \$464,425,790, on which the rate of taxation is 18¾ cents per \$100. The State has largely assisted canals and railroads, and holds \$4,735,821 of stocks and bonds ranked as productive, leaving \$6,037,088 of debt without any offset; the State also holds \$23,762,430 in unproductive securities. (V. 28, p. 42.)

Massachusetts.—The credit of the State stands high in London and at home. The funded debt, January 1, 1880, was \$33,020,064. The sinking funds were \$12,875,248. The Hoosac tunnel and connections cost the State about \$18,854,024, including interest paid. Real estate assessed in May, 1879, \$1,090,849,235, against \$1,118,557,164 in 1878; personal, including bank shares, \$465,007,849, against \$476,667,106 in 1878. Savings Bank deposits November 1, 1878, \$210,461,396; November 1, 1879, \$206,378,710. The loan to Boston Hartford & Erie Railroad was secured by deposit of \$3,600,000 "Berdell" mortgage bonds, afterwards exchanged for N. Y. & N. E. RR. stock, and had a sinking fund of \$1,141,991 January 1, 1880. (V. 26, p. 40, 523.)

Michigan.—The debt is practically extinguished, as the sinking fund has \$904,020 assets. Assessed valuation of real and personal property, 1880, \$630,000,000, and tax rate, 1.83 mills on the \$1.

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 in 1877, \$220,925,638, of which \$45,141,659 was personal. State tax, 2 mills; tax for all purposes in counties averages 17¼ mills. (V. 22, p. 63, 567; V. 24, p. 40, 170, 227.)

Missouri.—The valuation of all real and personal property in 1878 was \$628,329,312, of which \$438,663,920 was real and \$173,543,091 personal. Railroads and bridges were assessed separately at \$26,122,201; the gross valuation exclusive of railroads and bridges was \$509,824,423. The tax rate is 40c. per \$100. In 1877 and 1878 bonds maturing were met by sale of renewal bonds and by sinking fund. The Hannibal & St. Joseph Railroad provides for its own debt. (V. 27, p. 200, 409.)

Nebraska.—Of these bonds the State school fund holds \$426,267. There are also \$50,000 10 per cent "Grasshopper" bonds of 1875, due March 1, 1885, interest paid January and July. Real estate in 1877 assessed at \$37,975,987; personal at \$33,335,591; tax rate, 6¾ mills. (V. 24, p. 204.)

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

New Hampshire.—The debt of New Hampshire was created for war purposes, and is being gradually reduced. The Municipal loan of 1872 was issued to cities and towns, the proceeds to be applied to their war debts. Total valuation in 1879, \$169,958,517. Tax rate, \$2 per \$1,000. (V. 29, p. 171.)

New Jersey.—The debt was created for war purposes, and is provided for by sinking funds, which amounted, January 1, 1880, to \$1,428,545. Of the first class of bonds the principal is payable \$100,000 per year. Valuation of real property in 1879, \$426,953,103; personal, \$129,809,670; total, \$508,892,338, against \$531,851,849 in 1878. State tax was 3½ mills, but the Governor's message says the tax may be abolished in 1880. (V. 28, p. 58.)

New York.—The following were the valuations and tax rate for State purposes in the years 1859 and 1865, and from 1875 to 1879:

	Real Estate.	Personal.	State Tax.
1859.....	\$1,097,564,524	\$307,349,155	2½
1865.....	1,158,327,371	392,552,314	4½
1875.....	1,960,352,703	407,427,399	6
1876.....	2,108,325,872	357,941,401	31¼
1877.....	2,376,252,178	379,488,140	31½
1878.....	2,373,418,490	364,960,110	29½
1879.....	2,333,669,813	353,469,320	28½

The general fund debt was paid in July, 1878, and the canal debt only now remains. Town, county and city debts estimated by State Comptroller at \$250,000,000. (V. 24, p. 17, 49; V. 26, p. 13, 117; V. 28, p. 42.)

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>New Jersey</i> —War loan bonds, tax free.....	1861	\$100 &c.	\$500,000	6	J. & J.	Trenton and Jersey City.	Jan., 1881 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	100 &c.	473,000	6 g.	J. & J.	N. Y., Manhattan Bank.	Oct., 1893
Canal debt, { Under Art. 7, Sec. 3, of Con- stitution, and Art. 7, Sec. 12. }	1872	100 &c.	1,562,900	6 g.	J. & J.	do do	July, 1887
	1873	100 &c.	847,500	6 g.	J. & J.	do do	Jan. 1, 1883
	1873	100 &c.	4,302,600	6 g.	J. & J.	do do	July 1, 1891
	1874	100 &c.	2,000,000	6 g.	A. & O.	do do	Oct. 1, 1892
<i>North Carolina</i> —Funding bonds tax-receivable.	1879	\$50 &c.	5,000,000	4	J. & J.	.....	1909
Railroad and improvement bonds, old .....	.....	500 &c.	4,738,800	6	J. & J.	New York.	1868 to '98
Railroad and improvement bonds, old .....	.....	500 &c.	3,639,400	6	A. & O.	do	1868 to '98
RR. and improv't bonds, new (not special tax)	.....	1,000	1,890,000	6	J. & J.	do	1868 to '98
do do do do .....	.....	1,000	1,469,000	6	A. & O.	do	1868 to '98
Funding bonds, since war.....	1866	100 &c.	2,231,000	6	J. & J.	do	Jan., 1900
do do	1868	100 &c.	1,657,600	6	A. & O.	do	Oct., 1898
Registered certificates of literary fund	1867	.....	383,045	6	J. & J.	Raleigh, Treasury.	Indefinite.
Penitentiary bonds, act Aug. 24, 1868.....	1868	1,000	44,000	6	A. & O.	New York.	Oct., 1898
Special tax bonds .....	.....	1,000	11,366,000	6	A. & O.	do	1898 to '99
<i>Ohio</i> —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 Dec., 1886	1856	100 &c.	2,400,000	6	J. & J.	do do	Jan., 1887
<i>Oregon</i> —Bounty bonds.....	.....	.....	26,500	7	J. & J.	State Treasury.	1884
Modoc war bonds .....	.....	.....	130,991	7	J. & J.	do do	1880
Willamette Canal and Lock	1870	.....	160,000	7	J. & J.	do do	1880
<i>Pennsylvania</i> —Reg. bonds, tax fr., (red'ble '92).	1877	100 &c.	8,000,000	5	F. & A.	Phila., Farm. & Mech. B'k.	Feb. 1, 1902
Registered bonds, tax free, 15-25 years.....	1879	100 &c.	2,000,000	4 1/2 @ 5	F. & A.	do do	Aug. 1, 1904
Loan.....	1879	100 &c.	2,000,000	4	.....	do do	.....
Coupon loan (except \$53,000 reg.), April 2....	1852	1,000	395,000	5 g.	J. & J.	do do	July, 1882
do April 2	1852	1,000	87,000	4 1/2 g.	J. & J.	do do	July, 1882
Stock loan of Feb. 2 (registered).....	1867	50 &c.	90,400	5	F. & A.	do do	Feb., 1877-1882
do do (registered).....	1867	50 &c.	9,251,850	6	F. & A.	do do	Feb., 1882-1892
do do (registered).....	1867	50 &c.	723,950	5	F. & A.	do do	Feb., 1882-1892
Agricultural College land scrip.....	1872	.....	500,000	6	.....	Harrisburg Treasury.	1922
<i>Rhode Island</i> —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
<i>South Carolina</i> —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.	do do	.....
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.....	.....	.....	4,797,698	.....	.....	.....	.....
<i>Tennessee</i> —New funding bonds, act of 1873....	1874	1,000	4,867,000	6	J. & J.	N. Y., Fourth Nat. Bank.	July 1, 1914
Bonds regist'd, act of 1873, (\$292,300 are 5s).	Various.	1,000	14,957,300	5 & 6	J. & J.	do do	1875 to 1900
Held by E. T. University (not to be funded)....	.....	1,000	397,000	6	J. & J.	N. Y., Fourth Nat. Bank.	Various.
<i>Texas</i> —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	692,000	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	700,979	10	J. & J.	State Treasury.	1894
Redemption of debt, act Aug. 6, '76.....	1876	1,000	1,647,000	6 g.	J. & J.	New York & State Treasury.	July, 1906
Bonds, act April 21, 1879.....	1879	.....	425,000	5	.....	.....	1909
<i>Vermont</i> —War loan bonds, registered.....	1862	500 &c.	137,000	6	J. & D.	Montpelier, Treasury.	Dec. 1, 1890
<i>Virginia</i> —Old bonds, 2/3 fundable	1851 to '66	500 &c.	4,689,119	6	J. & J.	New York.	1886 to '95
Old bonds, sterling, not required to be funded	1851	£100 &c.	2,209,207	5	J. & J.	London, Baring B. & Co.	1886
Consol. Act Mar. '71) coup. tax receivable.....	1871	100 &c.	13,700,000	6	J. & J.	Richmond, Treasury.	1905
do do reg., conv. into coup.....	1871	100 &c.	819,547	6	J. & J.	do	1905
do (Act 1872) "Peeler," cp. not rec'ble	1872	100 &c.	2,819,547	6	J. & J.	do	.....
Deferred certificates (W. Va.).....	1871	Various	15,239,370	6	J. & J.	.....	Contingent
New funding bonds, 10-40s, (\$500,000 reg.)...	1879	.....	8,000,000	3 to 5	J. & J.	.....	1919
do do sterling.....	1879	.....	400,000	3 to 5	J. & J.	.....	1919

North Carolina.—Total property was assessed in 1876-7 at \$148,564,557. Tax rate 1878, 38 cents on \$100. 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 February, 1879, which provides for funding old ante-war bonds at 40 per cent of the face value; "New" railroad bonds recognized as valid at 25 per cent; funding bonds of 1866 and 1868 at 15 per cent. All overdue coupons are to be surrendered; the new bonds run thirty years, and bear 4 per cent interest; coupons are receivable for taxes, the first coupon of 2 per cent being payable January, 1881. Special tax bonds are ignored, and also bonds to Chatham Railroad 1868, \$1,030,000, and to Wilmington & Tarboro Railroad, \$150,000, and for Penitentiary under acts of 1868. (V. 27, p. 678; V. 28, p. 69, 200, 327.)

Ohio.—Ohio has a very small State debt, but large local debts, amounting in 1879 to \$41,490,574. Valuations in 1877 were: Real estate in cities, &c., \$378,449,113; other, \$706,347,619; personalty, \$490,594,810. Total taxes levied in 1879-80, \$4,450,341 for State purposes, and \$21,306,323 on all local taxes, and \$2,304,596 for delinquencies and forfeitures. (V. 28, p. 69.)

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

Pennsylvania.—The new 5 per cent loan for \$8,000,000 was sold to take up maturing bonds. Total debt November 30, 1878, \$21,586,200; sinking fund, \$8,504,899. No tax is laid for State purposes on real estate, and revenue is raised principally from corporations. Taxes are levied on personal property, which was assessed in 1877 at \$159,318,817. 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. Any coupon bonds may be changed to registered. The bonds due in 1877 are payable at any time till 1882; those of 1882 till 1892. (V. 26, p. 18; V. 27, p. 142, 229; V. 28, p. 43, 149, 600; V. 29, p. 192, 330.)

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, \$86,892,928, and tax rate 15 cents on \$100.

South Carolina.—The funding law approved December 22, 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 a report

was made, but the matter went before the State Supreme Court. See decision V. 29, p. 358. Total valuation of all property—in 1878, real estate, \$83,270,998; personal, \$32,836,064; railroad property, \$6,520,772; the total for 1878-9, including counties not embraced in abstract, is put at \$132,237,986. Rate of taxation, 4 1/2 mills. (V. 26, p. 68, 143, 232, 257, 420, 463; V. 27, p. 141, 165; V. 28, p. 18, 378, 402; V. 29, p. 358, 383.)

Tennessee.—New funding bill was given in Vol. 28, p. 353. The total debt January, 1879, was \$20,221,300 in outstanding bonds, and \$1,156,522 in overdue interest; there were also \$116,000 bonds yet to be renewed and \$373,000 yet to be registered. The State's endorsements for railroads are \$1,308,000, which is taken care of by the roads. Total valuations in 1878 \$223,303,305, of which \$192,340,815 was lands and "town lots," and \$20,871,338 "other taxables." The rate of taxation was reduced from 40 cents on the \$100 to 10 cents by the Legislature, in March, 1877. Tennessee bonds sold in New York as "old," are those issued before 1862; "New," issued since 1862; "New Series," the new funding bonds. (V. 26, p. 68; V. 27, p. 42, 165, 599, 678; V. 28, p. 44, 97, 174, 200, 277, 353, 429, 454, 526, 580; V. 29, p. 226, 272, 278.)

Texas.—For all bonds, except 10s of 1894, the interest and 2 per cent of principal yearly are provided for by special appropriations. The total valuation of taxable property in 1878 was \$243,202,424, against \$257,632,000 in 1876. Tax rate, 50. (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 \$135,000 are held for Agricultural College.

Virginia.—The law of April, 1879, for refunding the debt, is given in CHRONICLE, Vol. 28, p. 353. The new bonds are 10-40 year bonds, and bear 3 per cent for 10 years, 4 per cent for 20 years, and 5 per cent for 30 years. 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 one-third a deferred certificate given (as the proportion due from West Virginia). The act of 1872 amended that of 1871 by not allowing coupons to be received for taxes. Assessed values in 1878 were: real estate, \$242,702,503; personal, \$73,984,368; total, \$316,686,872; in 1877, \$326,027,346; of real estate in 1876, was \$242,756,548, against \$251,573,611 in 1873. Tax rate, 5 mills. A case involving the taxation of consols is on appeal to the United States Supreme Court. The Governor, in January, 1880, figures the net revenue for 1879-80 at \$2,586,078, leaving \$1,397,517 to pay the interest, which would be \$1,075,735, if all the debt was funded under act of 1879. (V. 24, p. 68, 135, 181, 209, 232, 342, 359, 384, 420, 524; V. 27, p. 384, 597, 653; V. 28, p. 44, 70, 97, 121, 147, 174, 328, 358, 429; V. 29, p. 198, 33, 505.)

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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.							
Albany, N. Y. —Purchase Congress Hall Block.	1866	\$1,000	\$150,000	6	F. & A.	Boston, Merchants' Bank.	Feb., 1885 to '94
City improvement.	1870-'71	1,000	448,000	7	M. & S.	New York.	March, '80 to 1900
Washington Park (\$10,000 are 5s, due 1920)	1870-'78	1,000	664,000	5, 6 & 7	Various	do	1910-'20
New Post Office site.	1874	1,000	113,000	7	M. & N.	do	May 1, 1904
High School.	1875	1,000	70,000	7	M. & N.	do	May 1, 1880 to '85
Water stock.	1851 & '52	1,000	230,000	6	F. & A.	do	Feb., 1881
Add'l supply (\$400,000 due 1900-3, are 7s)	1874-'77	1,000	900,000	6 & 7	F. & A.	do	Feb. 1, 1893-1912
Western Avenue improvement bonds.	1877	1,000	165,000	6	F. & A.	do	Feb. 1, 1883-4-5
Bonds loaned to Albany & Susquehanna RR.	1865	1,000	1,000,000	6	M. & N.	New York.	1895-'97
Atlanta, Ga. —Bonds for streets, &c.	'66-'67-'72	500 &c.	436,000	8	J. & J.	Atlanta & N. Y. Park Bank.	1881, '86 & '92
Bonds, A. L. Railroad for and State House.	1869-'70	1,000	400,000	7	J. & J.	do	J. & J., 1890
Bonds for West. RR. and floating debt.	1872 & '77	500 &c.	418,000	8	J. & J.	do	J. & J., 1902
Bonds, 1st and 2d series, waterworks.	1874	1,000	430,000	7	J. & J.	do	Jan. 1, 1904
Redemption bonds.	1877	500 &c.	77,000	8	J. & J.	do	Jan. 1, 1897
do	1875	1,000	52,000	10	M. & S.	do	Sept. 1, 1885
Augusta, Ga. —Bonds for various purposes.	Various.	250 &c.	2,033,000	7	Various	Augusta.	1880 to 1903
New bonds (for \$63,000).	1879	100 &c.	7,306,546	6	J. & D.	do	June 1, 1899
Baltimore —Consolidated loan of 1890.	Various.	100 &c.	5,000,000	5	Q.-J.	Balto., Farm. & Plan. Bank.	July 1, 1890
Water loan, reg. stock, red. at will after 1916	1877	100 &c.	1,000,000	5	M. & N.	Balto., N. Mechanics' Bank.	July 1, 1916
Funding loan, reg. stock, tax free.	1878	100 &c.	1,000,000	5	M. & N.	do	After July, 1916
New Water Loan.	1879	100 &c.	500,000	5	Q.-J.	do	1894
Consolidated bounty loan.	1863	100 &c.	2,211,068	6	M. & S.	Balto., N. Mechanics' B'k	Sept. 1, 1893
Exempt bounty loan.	1865	100 &c.	410,353	6	M. & S.	do	Sept. 1, 1893
Public parks (Druid Hill)	1860	100 &c.	555,566	6	Q.-M.	do	Sept. 1, 1890
Park improvement loan.	1863	100 &c.	185,723	6	Q.-J.	do	Jan. 1, 1895
Five million loan to Baltimore & Ohio RR.	1853	100 &c.	5,000,000	6	Q.-J.	Balto., Farm. & Plan. Bank.	Jan. 1, 1890
One million loan to Pittsb. & Connellville RR	1853	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1, 1886
New City Hall.	1868	100 &c.	1,000,000	6	Q.-J.	Balto., Farm. & Plan. Bank.	July 1, 1884
do	1870	100 &c.	1,000,000	6	Q.-J.	do	April 15, 1900
do	1874	100 &c.	500,000	6	Q.-J.	do	March 7, 1902
Consolidated loan.	1864	100 &c.	943,161	5	Q.-J.	do	After 1885
Court house loan.	1870	100 &c.	85,900	5	Q.-J.	Balto., N. Mechanics' Bank.	At will.
Funding loan.	1870	100 &c.	800,000	6	Q.-J.	Balto., Farm. & Plan. Bank.	July 1, 1900
Western Maryland Railroad.	1872	100 &c.	1,000,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1, 1902
Jones' Falls.	1872	100 &c.	755,900	6	Q.-F.	do	April 9, 1900
Valley Railroad.	1873	100 &c.	1,015,300	6	A. & O.	do	Oct. 31, 1886
Water loan (\$263,000 only are 6s)	1874	100 &c.	2,779,700	5 & 6	J. & J.	Baltimore, Register's Office.	July 1, 1894
Endorsements for Western Maryland RR.	.....	.....	1,375,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1 '90 & 1900
do	.....	.....	117,000	6	J. & J.	Baltimore, Franklin Bank.	Jan. 1, 1895
Bangor, Me. —City debt proper.	1858 to '72	100 &c.	156,000	6	Various	Boston, Merchants' N. B'k.	1880 to '92
Municipal loan.	1874	1,000	100,000	6	J. & J.	Boston or Bangor.	Jan. 1, 1894
Water loan bonds, coup. (Act Feb. 22, 1875).	1875	500 &c.	495,500	6	J. & J.	Boston, Merch'ts' Nat. B'k.	July 1, 1905
European & North American Railroad.	1869	1,000	1,000,000	6	J. & J.	do	Jan. 1, 1894
Bangor & Piscataquis Railroad.	1869	1,000	925,000	6 & 7	A. & O.	do	April 1, 1899
Bath, Me. —Fund. debt (\$24,500 are 6s, '87, J. & J.)	.....	.....	102,500	5 & 6	M. & S.	City Treasury.	1887 & 1898
Railroad loan.	.....	.....	193,000	6	Various	do	'83, '85 & '98
Androscoggin Railroad.	1861	Various.	425,000	6	A. & O.	City Treasury and Boston.	April 1, 1891
Knox & Lincoln Railroad (\$23,750 each year)	1869	Various.	475,000	6	J. & J.	do	July 1, 1880 to '99
do	1871-'72	Various.	420,600	6	Various	do	1891 & 1902
Boston —For city purposes, war debt, &c.	1852 to '64	1,000	3,501,300	5 g.	Various	Boston, Treasurer's Office.	1880 to '87
For city purposes.	1864 to '77	1,000	13,224,000	6	Various	do	1880 to '97
do	1878-'79	.....	525,000	4	Various	do	1887-'89
Burnt district, sterling loan.	1873	£100 &c	4,997,604	5 g.	A. & O.	London, Baring Brothers.	April, 1893
Consolidated street improvem't, sterling loan.	1869	£100 &c	3,391,848	5 g.	J. & J.	do	July, 1899
Roxbury debt, assumed.	1860 to '64	1,000	311,150	5, 5 1/2, 6	Various	Boston, Treasurer's Office.	1880 to '84
Dorchester debt, assumed.	1861 to '69	Various.	97,500	7	Various	do	1880 to '81
Charlestown debt, assumed.	1862 to '73	500 &c.	1,060,000	5 & 6	Various	do	1882 to '93
Mystic water debt, assumed.	1862 to '76	1,000	1,153,000	5 & 6	Various	do	1881 to '94
Brighton debt, assumed.	1863 to '73	Various.	57,141	6 1/2 & 7	Various	do	1880 to '81
West Roxbury debt, assumed.	.....	.....	370,000	6 1/2 & 7	Various	do	1880 to '91
Water loan, Chestnut Hill reservoir.	1867 to '71	1,000	2,040,000	6	Various	do	1880 to 1901
do	1871	.....	688,000	6	A. & O.	do	April, 1901
do	1872	£100 &c	1,947,273	5 g.	A. & O.	London, Baring Brothers.	Oct., 1902
Water works, Roxbury, coupon and registered	1868 to '70	1,000	700,000	6	Various	Boston, Treasurer's Office.	1880 to '99
do	1871 to '74	1,000	415,000	6	Various	do	1901 to 1903
do	1871	.....	375,000	6	J. & J.	do	Jan., 1901
do	1875 to '77	.....	360,000	5 & 6	Various	do	1905 to 1907
do	1876	.....	100,000	5 g.	A. & O.	do	April, 1906
Additional supply water.	1872 to '75	1,000	648,000	6	Various	do	1902 to 1905
do	1878	.....	588,000	4	A. & O.	do	1908
do	1878	.....	12,000	5	A. & O.	do	1908
Various purposes, for water works.	1871 to '74	1,000	426,000	6	Various	do	1901 to 1904
Water loan bonds, gold, coupon or reg.	1858-'76	1,000	3,454,000	5 g.	A. & O.	do	1905 & 1906
Public park and school buildings, registered.	1877-'78	.....	550,000	4 1/2	Various	do	June & Oct., 1887
Improved sewerage, registered.	1877-'78	.....	168,000	5	A. & O.	do	Oct., 1897
Improved sewerage bonds, coup. and reg.	1878-'79	100 &c.	1,290,000	4	J. & J.	do	Jan. 1, 1899
Brooklyn —Debt of Williamsburgh, local impr't	1859 to '61	1,000	38,000	6	J. & J.	Brooklyn.	1880 to '81
Brooklyn local improvement loan.	1861	1,000	213,000	7	M. & N.	do	1891
Mount Prospect Square loan.	1857	1,000	90,000	6	J. & J.	do	1887
Soldiers' aid fund loan.	1865	1,000	552,000	7	J. & J.	do	1885 to '94
Third street improvement loan, local.	1867	1,000	302,000	6 & 7	J. & J.	do	1881
Gowanus canal improvement loan, local.	1866	1,000	188,000	7	J. & J.	do	1880 to 90
Bushwick avenue do do do	1865	1,000	183,000	7	J. & J.	do	1880 to '90
South Seventh street do do do	1866	1,000	218,000	7	J. & J.	do	1880 to '90
Union street do do do	1867	1,000	260,000	7	J. & J.	do	1880 to '86

Albany.—The loan to Albany & Susquehanna is secured by 1st mortgage. The valuation of city property in 1878 was: Real estate, \$32,544,000; personal, \$3,748,800, estimated to be about one-third of true value. City tax rate 1879, 2'84, against 3'20 last year.

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

Augusta.—Of this debt, \$600,000 was issued for railroads, and balance for canal enlargement, water works, &c. Sinking funds, Jan., 1879, \$73,500. Taxable valuation: real estate, \$9,049,555; personal, \$4,692,370; tax rate, \$1 50 per \$100. (V. 23, p. 17.)

Baltimore.—The fiscal year of Baltimore ends now with December 31, instead of Oct. 31. The total of all the sinking funds, January, 1879, was \$6,978,965. The Baltimore & Ohio RR. pays interest on \$5,000,000 loan; Water loan is paid by income of water works, and Public Park by City Passenger R'y, and against a total debt of \$33,968,293, the city has \$22,959,098 productive assets, leaving \$11,009,199, against which are held \$4,841,612 of unproductive assets. The basis of taxation is \$255,000,000. The amount required to be raised in 1879 is \$2,959,633 by the Register's estimate. In 1879, tax rate is \$1 50; the city tax rate to cover fourteen months was increased in 1878 from \$1 75 to \$1 90 on the \$100. State taxes having been increased from 17 1/2 cents to 18 1/2 cents on the \$100, the total was therefore increased

of city and State taxes from \$1 92 1/2 in 1877 to \$2 08 1/2 on the \$100 in 1878. Population in 1870 was 267,354, against 212,418 in 1860. (V. 23, p. 589; V. 23, p. 514; V. 24, p. 13; V. 25, p. 137, 334; V. 29, p. 56.)

Bangor, Me.—The valuation of real and personal property in 1879 is \$9,078,445; rate of taxation, 2'14. The loans to European & North American Railroad and to Bangor & Piscataquis Railroad are secured by first mortgages on those roads.

Bath, Me.—The city holds a first mortgage on the Androscoggin road for the debt, and 2d and 3d mortgages on the Knox & Lincoln for its proportion of \$895,000 out of a total of \$2,395,000 bonds issued by several cities in aid of the latter road. Unexpended balances of appropriations and 3 per cent on city debt are appropriated annually to the liquidation of the principal. Tax valuation, 1877, \$7,287,690; 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 1879, including the recent annexations, was \$42,786,300, against \$44,036,300 in 1878; and personal, \$183,467,300, against \$190,060,900 in 1878; upon which the rate of taxation for 1879 is \$12 50, against \$12 80 per \$1,000 in 1878. The total funded debt April 30, 1879, was \$42,359,816. The total valuation in 1879 is \$612,253,600. The total valuation last year was \$630,446,800. The decrease this year is \$11,589,600 on real estate and \$6,603,600 on personal, making a total decrease of \$18,193,200. The valuation of real estate in 1875, when it was at its maximum, was \$558,769,500, and since then there has been a depre-

ciation of \$129,000,000. The loss on personal since 1875 has been \$51,000,000, making a total depreciation in real and personal in four years of \$181,314,300. The total tax levy is reduced from \$10,523,136 in 1875 and \$7,879,150 in 1878 to \$7,492,510. This tax is divided as follows: State, \$206,270; county, \$369,200; city, \$6,916,940. The rate on \$1,000 is divided as follows: State, 20 cents; county, 46 cents; city, \$11 84. The total number of polls is 89,452, a gain of 3,539. (V. 26, p. 39; V. 27, p. 40; V. 28, p. 145.)

Brooklyn.—The whole city debt was as follows on December 31, 1879:

Permanent debt.....	\$18,693,000
Water loan.....	11,216,500
Temporary debt.....	9,688,000
Tax certificates.....	3,120,000

Total..... \$42,717,500
Less sinking fund..... 5,152,130

Total debt..... \$37,565,369

The debt increased in 1879 \$89,848, and in 1878 \$1,235,566. Population in 1870, 396,200, against 266,661 in 1860. Valuation of property and tax rates per \$1,000 for six years have been:

	Real.	Personal.	Rate.
1874.....	\$204,182,808	\$16,136,304	\$35 50
1875.....	203,904,750	16,267,123	34 27
1876.....	218,184,548	18,678,580	32 54
1877.....	216,481,001	18,111,915	31 72
1878.....	218,373,093	14,968,911	27 00
1879.....	221,000,000	11,900,000	25 50

Coupons paid at Nassau Bank, Brooklyn.

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 Brooklyn, Buffalo, N. Y., Cambridge, Mass., Charleston, S. C., Chelsea, Mass., Chicago, Cincinnati, Cleveland, and various municipal and railroad bonds.

The debt of Kings County, separate from the debt of Brooklyn, is \$4,181,821, of which the city is responsible for nineteen-twentieths. (V. 25, p. 358; V. 26, p. 282; V. 23, p. 41.)

Buffalo.—In 1875 real and personal property were assessed at \$31,963,105; in 1876 rule of valuation changed and assessment was \$111,995,905. In 1877 real estate was \$91,130,870; personal, \$8,844,705; total, \$99,975,575. Buffalo also pays 7-10 (being \$712,890) 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. 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. Conversion bonds of 1879 are issued in exchange for city stock. The assessed value of real estate in 1879 was \$17,182,610; personal, \$7,114,754; rate of tax, \$2.00 per \$100. (V. 26, p. 360; V. 27, p. 407.)

Chelsea, Mass.—Sinking fund, \$70,548, and \$21,000 to be added annually. Tax valuation, 1878, \$15,767,497; rate, \$1.76. Total debt, \$1,591,252. Population, 1875, 20,737.

Chicago.—The net funded debt January 1, 1879, was \$18,057,000. Old certificates of indebtedness, \$821,000. Advances and warrants, \$2,210,401. Assessed value of real property, 1878, \$104,420,658; personal, \$27,561,383—total, \$131,981,436. Tax

rate, 1878, \$2.86 3-10 on the Illinois State valuation, and the city debt is limited to 5 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 1873 valid. Of the funded debt, \$4,248,000 is on account of the Water Works, which in 1878 yielded an income of \$897,176.

Table with columns: Year, Real Estate, Personal, Tax Rate. Rows from 1853 to 1878 showing assessed values and tax rates.

Population in 1870 was 306,605, and in October, 1878, 436,731, against 109,260 in 1860. The South Park, West Chicago Park, and Lincoln Park loans are not debts of the city, but of distinct corporations. (V. 23, p. 622; V. 24, p. 443; V. 26, p. 192, 239, 436, 522; V. 28, p. 223.)

Cincinnati.—In addition to the issues above named, there remain several smaller amounts, as fol-

lows: \$108,000 5s. November, 1834; \$56,000 (YY2, & O.) 6s, 1836-88; \$17,000 6s (Q.), Nov., 1890; \$27,000 6s (A.), Mar., 1897; \$50,000 (H2.), Aug., 1897. City holds \$950,000 of Cincinnati Southern bonds in sinking funds. In 1870 the population was 216,239, against 161,044 in 1860. Tax rate for 1877, \$29.10 per \$1,000. The following table from the books of the Auditor of Hamilton County, Ohio, exhibits the assessed valuation of the city of Cincinnati in the year 1860, and from 1870 to 1877:

Table with columns: Year, Real estate, Personal estate, Total valuation, Rate tax per \$1,000. Rows from 1860 to 1879 showing valuations and tax rates.

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

Cleveland.—The valuation of property for taxation in 1877 was \$51,732,029 real, and \$19,296,122 personal; tax rate, 1878, 17 1/2-20 mills, of which 8 1/5 mills are levied for interest and sinking fund. The sinking fund, Jan., '76, amounted to \$1,700,000, market value. The sewer, street improvement and street opening bonds are for special local improvements, and redeemed by assessments on the property benefited. (V. 27, p. 677.)

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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>Cleveland—(Continued)—</i>							
School (\$294,000 are 6 p. ct.)	1864 to '71	\$....	\$409,000	6 & 7	Various	N. Y., Amer. Exch. Nat. Bk.	1878 to '88
House of Correction	1868	....	200,000	7	J. & J.	do do	1878, '83 & '84
Main sewers, special assessment	1860 to '76	....	647,259	6 & 7	Various	do do	1878 to '92
Street improvem'ts do	.....	....	1,335,441	....	Various	do do	1878 to '84
Street openings, &c., do	.....	....	1,010,463	....	Various	do do	1878 to '86
Infirmary and River dredging	1876-'77	....	111,000	6	Various	do do	1878-'87
Viaduct (mostly F. & A., A. & O. and J. & D.)	1873 to '77	1,000	1,568,000	5, 6, & 7	Various	do do	1893 & 1907
Bonds	1877	1,000	213,000	6	M. & S.	New York.	Sept. 1, '78, to '86
Bonds	1878	1,000	378,000	6	.....	do	1898
<i>Des Moines, Iowa—</i> Bridge bonds	1870	1,000	174,000	10	J. & D.	New York.	June, 1880
Renewed judgment and loan fund	1875	1,000	229,000	7	J. & J.	do	July, 1885
Funding bond fund	1878	1,000	175,000	7	J. & J.	do	July, 1888
<i>Detroit, Mich.—</i> Bonds for various City purposes	1855 to '59	....	130,400	7	Various	N. Y., Metropolitan N. Bk.	1879 to '89
Bonds for Water Work Co., on city's credit	1855 to '76	1,000	1,401,000	7	Various	do do	1879 to 1906
Public Building stock (City Hall) bonds	1859 to '71	....	600,000	7	Various	do do	1879 to '91
Public sewer bonds	1872 to '74	....	340,500	7	F. & A.	do do	1892 to '94
Bonds for purchase Belle Isle	1879	....	200,000	4	.....	.....	.....
<i>Elizabeth, N. J.—</i> Improvement bonds	1871 to '74	1,000	297,500	7	Various	N. Y., Farmers' L. & T. Co.	1879 to '81
Consol. improvement bonds	.....	....	986,000	....	.....	do do	.....
Funded debt bonds	1870 to '75	1,000	755,000	7	Various	do do	1880 to '95
School House bonds	1872 to '73	1,000	90,000	7	Various	do do	1881 to '93
Market House bonds	1865 to '66	1,000	66,000	7	Various	do do	1879 to '86
Consolidated improvement bonds	1875-'76	1,000	1,575,000	7	A. & O.	do do	1885 to '96
Funded assessment bonds	.....	....	712,000	....	.....	.....	.....
Tax arrearage bonds	.....	....	244,000	....	.....	.....	.....
<i>Evansville, Indiana.—</i> E. H. & N. RR. bonds	1868	....	250,000	7	M. & N.	New York.	May 1, 1898
City wharf bonds	1869	....	100,000	7	M. & N.	do	May 1, 1899
E. C. & P. RR. bonds	1869	....	100,000	7	J. & D.	do	Dec. 1, 1890
do do	1869	....	200,000	7	J. & D.	do	Dec. 1, 1895
Water works bonds	1870	....	300,000	7 3-10	J. & J.	do	July 1, 1895
Redemption bonds	1876	....	300,000	7	A. & O.	do	April 1, 1906
do do	1876	....	105,000	7	M. & N.	do	May 15, 1906
do do	1877	....	100,000	6	J. & D.	do	June 1, 1907
do do	1878	....	100,000	6	.....	do	1908
<i>Fall River, Mass.—</i> City notes		Large.	280,000	7	Various	City Treasury.	1881 to 1888
City bonds		1000&c.	250,000	5, 6, 7	Various	do	1880 to 1891
do		1,000	600,000	5 g.	F. & A.	Boston, Revere Bank.	Aug. 1, 1894
do		1,000	400,000	6	M. & N.	Boston, Bank Redemption.	May 1, 1895
Water loan		1,000	200,000	6	M. & N.	do do	Nov. 1, 1879-1880
do		1,000	372,000	6	F. & A.	do do	Nov. 1, 1892-1906
do		1,000	850,000	6	F. & A.	do do	Aug. 1, 1899-1905
<i>Fitchburg, Mass.—</i> City notes		.....	50,000	7	M. & N.	City Treasury.	Nov. 20, 1882
City bonds		1,000	400,000	6	J. & J.	Boston, Merchants' Bank.	July 1, 1893
Water loan		1,000	300,000	6	J. & J.	do do	July 1, 1891
do		1,000	100,000	6	J. & J.	do do	July 1, 1895-1906
<i>Galveston, Texas—</i> Bonds for various purposes	1869 to '75	....	467,800	10	Various	Galveston.	1880 to '91
Limited debt bonds (sinking fund 2 per cent)	1877-8-9	....	362,700	8	M. & S.	do	1907-1909
Bonds to purchase blk. 321	1873	....	35,000	8	M. & S.	do	1893-1902
Galveston County bonds, G. C. & S. F. RR.	1876	....	414,000	10	J. & J.	New York.	1906
<i>Hartford, Conn.—</i> Water bonds (\$50,000 due '81)		1,000	250,000	6	J. & D.	Merchants' Bank, Boston.	June 1, 1879 & '81
Water bonds		1,000	125,000	6	J. & J.	do do	July 1, 1881
do		100 &c.	475,000	6	J. & J.	Phoenix Bank, Hartford.	July 1, 1890-'93
do		1,000	202,000	6	F. & A.	City Treasury.	Aug. 1, 1900
City bonds (H. P. & F. RR.)		1,000	500,000	6	J. & J.	Suffolk Bank, Boston.	June 1, 1891
Park bonds (4 of these bonds are for \$500 each)		1,000	130,000	6	F. & A.	Merchants' Bank, Boston.	Aug. 1, 1882 & '84
Funded debt		1,000	300,000	6	J. & J.	City Treasury.	Jan. 1, 1893
Capitol bonds		1,000	1,000,000	6	J. & J.	do	Jan. 1, 1897
<i>Holyoke, Mass.—</i> City notes	1871-'74	....	205,000	6 & 7	Various	City Treasury.	1879 to 1886
City bonds, sinking fund	1874	1,000	271,000	6	A. & O.	do	Oct. 1, 1889
Water loan do	1872	1,000	250,000	6	J. & J.	do	Jan. 1, 1900
Railroad loan do (\$60,000 are J. & J.)	1873	1,000	226,500	7	A. & O.	do	Jan. & Apr. 1, 1894
<i>Indianapolis—</i> Bonds to railroads	1869 to '70	500	155,000	6	Jan.	City Treasury.	Jan. 1, 1889, to '90
Bonds to Un. RR. Tr. Stock Yard (mortgage)	1877	1,000	500,000	6	J. & J.	N. Y., Winslow, L. & Co.	Jan. 1, 1897
Loan bonds, series A	1873	1,000	300,000	7 3	J. & J.	do do	July 1, 1893
do do B	1874	1,000	300,000	7 3	J. & J.	do do	July 1, 1894
do do C	1874	1,000	300,000	7 3	J. & J.	do do	July 1, 1894
do do D	1875	1,000	200,000	7 3	J. & J.	do do	July 1, 1895
Purchase-money bonds—Southern Park	1874	500	109,500	7 3	J. & J.	do do	Jan. 1, 1899
<i>Jersey City—</i> Water loan bonds, mostly coupon	1852 to '67	1,000	1,163,000	6	J. & J.	N. Y., Merch. Ex. N. Bank.	Jan., 1879 to '95
Water loan bonds, mostly coupon	1869 to '73	1,000	3,109,800	7	Various	do do	1899 to 1913
do do do	1877	1,000	416,000	6	J. & J.	do do	July 1, 1907
Forty-year bonds	1873	1,000	622,000	7	J. & J.	do do	July 1, 1913
Improvement bonds	1871	500 &c.	1,869,000	7	M. & N.	do do	May, 1891
do do	1872 to '76	1,000	2,161,500	7	Various	do do	1892 to 1906
Morgan street dock	1870	1,000	125,000	7	J. & J.	do do	June 8, 1900
Funded debt bonds	1872	1,000	500,000	7	M. & N.	do do	May 1, 1897
Old Jersey City bonds, coupon	Various.	1,000	860,400	6 & 7	Various	do do	1880-'90
Hudson City bonds	Various.	Various	162,550	7	Various	do do	'84-'85-'89 & 1900
Bergen school loan bonds	1869	1,000 &c	150,000	7	J. & J.	do do	Jan., '98 to 1900
do street improvement bonds	1869	1,000 &c	400,000	7	J. & J.	do do	July, 1889
do bounty loan	Various.	Various	73,000	7	Various	do do	1884 & 1889
Greenville street improvement bonds, &c.	Various.	500 &c.	97,000	7	J. & J.	do do	1881-'86
Assessment funding bonds	1875-'76	....	900,000	....	Various	do do	1906-6
Revenue bonds, coupon or registered	1876	....	400,000	7	J. & D.	do do	June 1, 1886
Two-year temporary loan	1878	....	500,000	....	.....	do do	June 17, 1880

Des Moines, Iowa.—Assessed value of property, \$5,104,243, which is about 50 per cent of true value. Tax rate, \$5 per \$100.

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

Elizabeth, N. J.—Default was made in interest Feb. 1, 1879, see V. 28, p. 146. Suits on bonds are pending. Total bonded and floating debt Jan. 1, 1879, was stated at \$5,823,885. Estimated true value of real and personal property, \$28,000,000; assessed valuation, \$14,400,000. Tax rate is \$3 56 within the lamp and water district. Population in 1875, 25,000. (V. 27, p. 461, 539; V. 28, p. 146, 599, 624, 641; V. 29, p. 120, 225, 277, 357, 563.)

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

Fall River, Mass.—The sinking fund amounted to \$143,068, January 1, 1877. The water works are now completed. Total debt, \$3,577,047. Population, 1875, 45,340.

Fitchburg, Mass.—Sinking fund, \$101,000. Total debt, \$900,000. Tax valuation, 1879, \$9,570,997. Bonds all coupon. Population, 1875, 12,289.

Galveston, Texas.—The total city debt is \$865,500, of which all are 10 per cent currency, except \$35,000 park 8s, due 1892-1902, and the limited debt bonds. Assessed value of real and personal prop-

erty, 1878, \$17,000,000. Tax rate, \$1 25 on \$100. (V. 25, p. 283.)

Hartford, Conn.—Total debt, April, 1878, \$3,050,000; net, after deducting resources, \$2,152,100. Tax rate in 1877, 9 1/2 mills for city, and 8 1/2 for town purposes; for 1878, 8 1/2 mills for city was recommended. (V. 28, p. 593.)

Holyoke, Mass.—Bonds all coupon, but can be registered. Sinking funds, \$45,500. Total debt, \$564,500. Tax valuation, 1877, \$9,399,820. Population, 1875, 16,260.

Indianapolis.—The assessment of taxable property in 1878 was \$50,029,975; tax rate, \$1 03 per \$100. The School Board is a distinct organization and levies its own tax, which is included in tax rates and amount above given. There are a few other small issues, amounting in all to about \$50,000.

Jersey City.—One of the main causes of the temporary embarrassment of Jersey City is found in the failure to collect back assessments. The Comptroller, in Jan., 1880, made the following statement in his report:

AMOUNT OF TAXES DUE AND UNPAID DEC. 1, 1879.

Taxes of 1874 and previous	\$508,406
Taxes of 1875	193,120
Taxes of 1876	294,546
Taxes of 1877	409,128
Taxes of 1878	459,811
Taxes of 1879	1,245,370
Total	\$3,165,381

Less amount deducted by Commissioners of Appeals for the years 1873 to 1878 inclusive..... \$100,181

Amount for 1879, estimated..... 15,000

Also amount due State and County, as collected..... 782,105— 897,233

Balance..... \$2,268,145

Interest due on 95 per cent of past due taxes, estimated at 7 p. c. per annum..... \$35,000

Total..... \$2,603,145

AMOUNT OF ASSESSMENTS DUE AND UNPAID.

For street improvements..... \$2,262,202

For sewers..... 781,930

Total..... \$3,044,132

Interest due on 60 per cent assessments past due, estimated at 7 p. c. per annum..... 619,11

Balance..... \$3,663,248

In order to more fully explain the actual financial condition of Jersey City, he makes the following statement:

After a careful examination of the taxes and assessments past due, I believe it safe to say that 95 p. c. of the taxes and 60 p. c. of the assessments past due are good for that amount and interest.

STATEMENT OF DEBT.

The bonded and floating debt..... \$15,738,435

Deduct Water-debt, which is self-sustaining..... 4,788,000

\$10,950,435

To deduct from debt—

Amount of taxes past due, good \$2,603,145

Amount of assessments past due, good..... 2,475,596—5,078,741

Balance..... \$5,871,694

Add the whole amount to be expended during the next fiscal year..... 1,517,195

Actual debt..... \$7,388,839

The total debt of the city January, 1880, was \$16,803,000; sinking funds, \$1,069,565; taxes due and unpaid, \$2,268,145. Tax rate, 1879-80, \$23 per \$100. Population by State census in 1875 was 126,883, against 85,000 by U. S. census of 1870. (V. 28, p. 173, 193, 352, 451; V. 29, p. 120, 337.)

CITY SECURITIES.

[VOL. XXX.]

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							
Lawrence, Mass.—Funded debt.	1859 to '64	5000 &c.	\$74,000	5 1/2	Various	Boston, Tremont Bank.	1879-1884
Funded debt.	1862 to '75	5000 &c.	133,000	6 & 7	Various	do do	1880 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
Lewiston, Me.—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
Louisville, Ky.—For Jeffersonville RR. stock.	1852	1,000	137,000	6	A. & O.	N. Y., Mercantile N. Bank.	April, 1882
Subscription to stock of L. & N. RR.	1854	1,000	377,000	6	A. & O.	do do	April, 1883
Water works.	1857 to '67	1,000	1,311,000	6	Various	N. Y., Bank of America.	1887, '89, '91
do	1873	1,000	56,000	7	M. & S.	do do	March 1, 1883
For improvement of streets.	1866 to '67	1,000	193,900	6	Various	Louisville.	1886, '96, '97
Re-constructing street.	1873	1,000	600,000	7	J. & J.	N. Y., Bank of America.	July 1, 1903
Public buildings and institutions.	1871 to '73	1,000	650,000	7	Various	N. Y., Bank of America.	1891, '92 & 1903
Public school and school houses.	1853 to '70	1,000	180,000	6	Various	New York and Louisville.	1883 to '89
Sewer bonds.	1868	1,000	79,000	6	J. & J.	Louisville, City Treasurer.	July, 1898
do	1871	1,000	425,000	7	J. & D.	N. Y., Bank of America.	June, 1901
Elizabeth & P. Railroad.	1868 & '73	1,000	1,993,000	7	Various	do do	1888 & 1903
Wharf property.	'54, '62, '3, '8	1,000	288,000	6	Various	Louisville and New York.	1879 to 1898
Jail bonds.	1868	1,000	133,000	6	A. & O.	do do	Oct. 1, 1898
For old liabilities.	1869	1,000	75,000	6	J. & D.	do do	1889
do	1870 to '74	1,000	605,000	7	Various	do do	1880, '94 & 1901
Louisville, New Albany & St. L. Air Line RR.	1871	1,000	500,000	7	M. & S.	N. Y., Bank of America.	Sept., 1891
Change of gauge, Louisv., Cin. & Lex. RR.	1871	1,000	107,000	7	F. & A.	do do	Feb. 1, 1880
Road bed do do	1871 to '73	1,000	350,000	7	J. & J.	do do	July, 1901 & 1903
City bonds payable by RRs. (mostly L. & Nash.)	1851 to '63	1,000	1,508,000	6	Various	New York and Louisville.	1881 to '93
Water notes.	1852 to '75	Large.	481,000	5 to 7	Various	City Treasury.	1879 to 1894
Water bonds.	1871 to '76	Large.	500,000	6, 6 1/2	Various	do	1886 to 1894
do	1870	1,000	1,300,000	6	M. & N.	Boston, Bank Redemption.	Nov. 1, 1890
Lynn, Mass.—City notes.	.....	.....	175,000	6, 7	Various	City Treasury.	1887 to 1890
Water notes.	1870-'3-'5	Large.	121,500	6, 7	Various	do	1885 to 1890
Water bonds.	1871-'4-'6	1,000	450,000	6	J. & J.	Boston, Bank Republic.	July 1, '91-'94-'96
Funded debt.	1862 to '76	500 &c.	387,500	5, 5 1/2, 6	Various	Treas'y & Bost. Bk. Repub.	1879 to 1896
City Hall and School House.	1857 to '67	1,000	44,200	5, 6	Various	do do	1882 to 1896
Manchester, N. H.—City bonds.	.....	.....	117,500	6	J. & J.	City Treasury.	Jan. 1, 1880-1894
do	.....	.....	80,000	6	A. & O.	do	April 1, 1884-'85
Water bonds (\$100,000 each year).	1874	100 &c.	200,000	6	M. & N.	Suffolk Bank, Boston.	May 1, 1893
do do do	1872	100 &c.	400,000	6	J. & J.	do do	July 1, 1890 & '95
Sewer bonds (\$8,000 1880, '81, '83, '85)	.....	1,000	32,000	5	J. & J.	City Treasury.	1887-'92-'97-1902
Suncook Valley Railroad.	.....	100 &c.	29,500	6	F. & A.	do	July 1, 1880 to '85
Memphis, Tenn.—School and paving bonds.	1867 to '68	1,000	1,300,000	6	J. & J.	do	Aug. 1, 1879 to '87
Post bonds.	1867, '8, '9	500 &c.	341,000	6 g.	M. & N.	Memphis.	1873 to 1902
Funding loan, gold.	1870	1,000	60,000	6	.....	.....	1873 to 1900
Mississippi River Railroad bonds.	.....	.....	300,000	7	J. & J.	Charleston, S. C.	Nov., 1900
Endorsement Memphis & Little Rock RR.	1857	1,000	900,000	6	J. & J.	.....	July, 1872
Compromise bonds, coupon.	1877	1,000	328,289	5	J. & D.	N. Y., H. Talmadge & Co.	1907
Milwaukee—Re-adjustment bonds.	1861	500 &c.	242,000	7	J. & J.	Milw. and N. Y., A. Goettel.	June 1, 1891
General city bonds.	1871	1,000	100,000	7	J. & J.	do do	Jan. 1, 1901
do do	1876	1,000	429,000	7	J. & J.	do do	June 1, 1896
Water bonds, coupon.	1872	1,000	1,171,000	7	J. & J.	do do	Jan. 1, 1902
do registered.	.....	.....	250,000	8	J. & D.	New York, Park Nat. Bank.	Dec. 2, 1892
Minneapolis, Minn.—City bonds.	.....	.....	70,000	8	F. & A.	do do	Feb. 2, 1894
do	.....	.....	50,000	8	M. & N.	do do	May 1, 1905
Western division.	.....	.....	60,000	10	Various	do do	1881 to 1885
do	.....	.....	124,500	8	J. & J.	do do	1886 to 1900
do	.....	.....	110,000	7	J. & J.	do do	July, '91-'98-1902
do	.....	.....	115,000	8	F. & A.	do do	Feb. 1, 1891 & '9
do	.....	.....	125,000	7	M. & N.	do do	Nov. 1, 1901
Mobile—Funding bonds (act March 9, 1875).	1875	500	1,785,122	6	M. & N.	Mobile, Mob. Savings Bank	Nov., 1905
Nashville, Tenn.—Nashville & Chatt. Railroad.	1849	1,000	46,000	6	Various	New York.	1875-77-79
Various city bonds.	1870 to '77	100 &c.	1,333,900	6	Various	New York and Nashville.	1879 to '99
Newark—Bonds, city purposes (s. fund of 1859)	.....	.....	73,000	6 & 7	Various	Newark, City Treasury.	1879 to '93
War bonds, floating debt, &c. (s. fund of 1864)	.....	.....	1,840,000	6 & 7	Various	do do	1879 to '91
Public school bonds.	.....	.....	500,000	7	A. & O.	do do	April, 1888, to '91
Clinton Hill bonds, coup. & reg. (s. fd. 3 p. c.)	1875	1,000	400,000	7	J. & J.	Newark, Mech. Nat. Bank.	July 1, 1895
Corporate bonds, coup. or reg. (act Apr. 21, '76)	1878	1,000	700,000	6	F. & A.	.....	Aug. 1, 1908
Sewer and improvement bonds (local liens)	.....	.....	2,500,000	7	M. & S.	Newark, Mech. Nat. Bank.	1879 to '93
Aqueduct Board bonds.	.....	.....	3,030,000	7	Various	do do	1879 & 1892
Bonds.	1879	1,000	450,000	6	.....	do do	1909
Tax arrearage bonds.	1876-'77	.....	888,000	7	F. & A.	do do	1886-'87
New Bedford, Mass.—City bonds.	1861-'74	.....	72,000	6, 7	A. & O.	City Treasury.	1879 to 1889
City improvement.	1875	10,000	223,000	6	A. & O.	do	1891 to 1910
War loan.	.....	.....	123,000	5	A. & O.	.....	1879 to 1884
Water bonds.	1876	1,000	100,000	5	A. & O.	.....	1900 to 1904
do	1867 to '76	1,000	400,000	6	A. & O.	.....	1885 to 1909
do	1872-'74	1,000	200,000	7	A. & O.	.....	1883 to 1909
New Haven, Conn.—Sewerage.	1871	1,000	499,000	7	A. & O.	City Treasury.	Oct. 1, '91 & 1901
City Hall.	1861	1,000	60,000	6	J. & J.	do	July 1, 1881
For Derby Railroad (\$20,000 payable yearly)	1867	1,000	160,000	6	A. & O.	do	Oct. 1, 1879 to '86
City bonds (10-20 bonds)	1877	1,000	150,000	5	J. & J.	do	July 2, 1887-1897

Lawrence, Mass.—Total debt, \$1,790,700, of which \$20,000 are 7 per cents. Sinking fund, \$40,000. Tax valuation, 1879, \$23,088,897; tax rate, \$16 40. Population, 1875, 34,916.

Lewiston, Me.—Total debt, \$1,096,100; sinking fund, \$90,110. The railroad bonds were issued to build the Lewiston & Auburn RR., which is owned by the cities of those names. Assessed valuation 1877, \$11,740,602; tax rate, 20 mills on the \$1.

Louisville.—The funded debt, January 1, 1879, exclusive of loans payable by railroad, was \$8,079,000, against \$4,182,000 January 1, 1878. The sinking funds on January 1, 1879, amounted to \$4,501,489. Of the \$8,079,000 there is payable out of the sinking fund \$3,561,000; payable by special tax, \$4,518,000. Population by census of 1870 was 100,759, against 68,038 in 1860; now estimated upon the basis of 7 to a voter makes 120,000. Assessed value of property was highest in 1874, being then \$78,295,114; in 1878 it was \$63,194,487. Rate of taxation for all city purposes in 1878 was \$2 17 on \$100 in each district. The following figures give the assessed property valuation for the past eight years. For 1871, \$76,845,995; 1872, \$77,156,642; 1873, \$77,225,372; 1874, \$78,295,114; 1875, \$75,586,812; 1876, \$71,849,772; 1877, \$63,522,947; 1878, \$63,194,487. In order that this shrinkage in values may be better understood, the following table is added:

Grounds & impr'ts.	1874.	1876.	1878.
Merchandise.....	\$62,218,922	\$56,380,964	\$48,770,596
Residuary.....	9,696,402	8,061,150	7,213,601
Personality.....	5,664,930	6,897,733	6,614,321
	714,860	509,925	595,969

Lowell, Mass.—All the notes held by savings banks. Water loan sinking fund, \$215,000. Sinking fund for debt of '76, \$8,500. Tax valuation, '79, \$39,605,000. Total debt, \$2,261,000. Population, '79, 50,600.

Lynn, Mass.—Total debt, \$2,256,000. Sinking fund, \$166,470. Tax valuation, 1870, \$20,927,115. Population, 1875, 32,500.

Manchester, N. H.—Total debt, \$329,000; assets, \$83,367.

Memphis, Tenn.—The city has been in default for interest since Jan. 1, 1873. The legislature passed a bill, January, 1879, repealing the city's charter, to enable it to avoid its debts. A receiver for the city was appointed by the U. S. courts. The circular of July, 1877, urged the city creditors to accept the proposition to issue the new compromise bonds in exchange for the present indebtedness (including interest on past due indebtedness) at 50 cents on the dollar. For judgments the Legislature authorized the payment of 55 cents. Assessed valuation of real estate, 1875, \$19,329,600; personal, about \$6,500,000. Tax rate, \$2 per \$100. Population in 1870, 40,230. (V. 25, p. 114; V. 27, p. 652, 678; V. 28, p. 121, 146, 224, 579, 657.)

Milwaukee.—The city cannot issue debt beyond 5 per cent of its average assessed value for five years. In 1878, valuation was \$55,255,711. Sinking funds are provided for all the bonds. There is also about \$47,000 scrip issued to settle old railroad bonds. Population by State census, 1875, 101,000. (V. 23, p. 622.)

Minneapolis, Minn.—Total debt, \$1,101,000; tax valuation, 1879, about \$24,000,000; tax rate, 14 3/5 mills; bonds all coupon.

Mobile.—The valuation of property in 1877 was \$11,022,049 real estate and \$6,118,462 personal property; tax rate, 1 6-10 per cent. Interest was in default from July, 1873. A settlement with bondholders was offered by Act of March 9, 1875, viz.: \$510 in 6 per cent bond for \$1,000 of the old 8 per cent. The 5 per cent bonds have a lien on city revenue, and

exchange for these was offered at 75 per cent of their face. In February, 1879, the Legislature repealed the charter of the city, and in October, 1879, a meeting was held in New York, and bondholders again asked to scale interest to 3 per cent, but they declined. Population about 28,000. (V. 28, p. 224, 327; V. 29, p. 278, 374.)

Nashville, Tenn.—At the close of the fiscal year, Sept. 30, '79, there were \$301,185 of past-due coupons, judgments, overdrafts, &c. Assessed valuation of all property, 1879, about \$11,000,000; tax rate, 1879, 2 per cent.

Newark.—The bonds in the first line in the table are payable out of the sinking fund of 1859, which amounts to \$114,900; those in second line out of sinking fund of 1864, \$1,017,000; public school bonds out of public school fund, \$179,000; Clinton Hill bonds by sinking fund, \$53,200; tax arrearage, \$275,000; against local improvement bonds the city holds \$2,039,724 of assessments unpaid and a lien on the property. Temporary loan bonds, Jan. 1, 1879, were \$683,500. Valuation of real property, 1879, \$78,432,000. Tax rate for all purposes, 1879, \$2 06 per \$100. Population in 1870, 105,059. (V. 23, p. 253.)

New Bedford, Mass.—Total debt, \$1,123,000. No sinking fund. Tax valuation in 1878—real estate, \$12,808,700; personality, \$13,137,011. Tax rate, 1878, \$12 00 per \$1,000, against \$18 60 in 1877. Population, 1879, 27,000.

New Haven, Conn.—Total debt, Jan. '79, \$869,000. Sinking fund on City Hall loan, \$54,832; municipal bond fund, \$12,617. The city made a special loan of \$75,000 to the N Haven & Derby RR., and guaranteed \$225,000 of its 2d mortgage bonds. Population, 1870, 50,840. Tax rate, 1878, 9 mills.

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DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			(Principal—When due.
				Rate.	When payable	Where payable and by whom.	
For explanations see notes on first page of tables.							
New Orleans—Consolidated debt.....	1852	\$1,000	\$4,376,250	6	J. & J.	New Orleans.	July 1, 1892
Railroad debt.....	1854-55	1,000	699,000	6	Various	do	1874-5 & 1894
Waterworks loan of 1869.....	1869	.....	1,642,700	5	J. & J.	do	Jan. 1, 1899
Seven per cent funding loan of 1869.....	1869	.....	601,100	7	M. & S.	do	March 1, 1894
Seven per cent funding loan of 1870.....	1870	.....	430,900	7	J. & D.	do	June 1, 1895
Jefferson City (debt assumed).....	'57, '67, '70	.....	98,000	8	Various	do	1887 to 1897
Wharf impr. bonds (assumed by lessees).....	1870	.....	210,000	7-3	J. & D.	do	Dec., 1880
Street improvement bonds.....	1871	1,000	30,000	7-3	F. & A.	do	Aug. 1, 1911
Consol. gold bonds (gen'l and drainage series)	1872	1,000	197,000	7 g.	Q.-J.	New York or London.	July 1, 1922
Ten per cent bonds, deficit and old claim.....	1871	Various.	298,900	10	A. & O.	New Orleans.	April 1, 1881
New premium bonds (in exchange).....	.....	.....	9,302,120	5	.....	.....	.....
N. O. Waterw'ks Co. new bds. (for \$2,000,000)	.....	.....	.....	.....	.....	.....	.....
Newton, Mass.—City bonds and notes.....	1864 to '75	1,000 & c	397,000	5, 6 & 6 1/2	Various	City Treasury.	1879 to 1895
Water loan (\$600,000 6s, balance 5s).....	1875	1,000	812,750	5 & 6	J. & J.	Boston, Comm'nwealth Bk.	July 1, 1905
New York—Water stock.....	1841 to '63	100 & c.	2,147,000	5 & 6	Q.-F.	.....	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 '79	500 & c.	3,618,600	5, 6 & 7	Q.-F.	.....	Aug. 1, 1900
Croton water main stock.....	1871 to '79	500 & c.	5,026,000	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.....	1879	500	500,000	5	M. & N.	.....	1884
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.	3,819,800	6	Q.-F.	.....	1887 & 1895
Dock bonds.....	1870-'79	500 & c.	6,895,000	6g, 5, 6, 7	M. & N.	.....	Nov. 1, 1901 to '10
Market stock.....	1865 & '68	100 & c.	296,000	6 & 7	M. & N.	.....	1894 & 1897
City Cemetery stock.....	1869	100 & c.	75,000	7	M. & N.	.....	1888
City improvem't st'k (part red'mable after '96)	1876	500 & c.	2,215,900	5 & 6 g.	M. & N.	.....	'89, '92, '96 & 1926
do do.....	1870-'73	500 & c.	7,269,400	7	M. & N.	.....	1889 & 1892
Lunatic Asylum stock.....	1869-'70	100 & c.	700,000	6 & 7	M. & N.	.....	1889
Fire Department stock.....	1869-'70	100 & c.	521,953	6	M. & N.	.....	1899
Fire telegraph bonds.....	1870-'73	100 & c.	597,586	6	M. & N.	.....	1884
Tax relief bonds, coupon.....	1870	500 & c.	3,000,000	7	M. & N.	.....	1890
N.Y. Bridge bds (\$2,300,000 red. after July, '96)	1869-'79	500 & c.	3,800,000	5 & 6	M. & N.	.....	1905 & 1926
Accumulated debt bonds.....	1869-'70	100 & c.	6,500,000	7	M. & N.	.....	1884 to '88
Street improvement bonds.....	1874-'77	100 & c.	2,438,139	5 & 6	M. & N.	.....	1880, '82, & '88
Street opening and improvement bonds.....	1871	100 & c.	750,000	7	M. & N.	.....	1890 to '82
Ninth District Court-house bonds.....	1871	500 & c.	300,000	7	M. & N.	.....	1890
Department of Parks improvement bonds.....	1874-'79	500 & c.	2,168,000	5 & 6	M. & N.	.....	Nov. 1, 1880 to '84
Assessment bonds.....	1874-'78	500 & c.	8,022,900	5, 6 & 7	M. & N.	.....	Nov. 1, 1880 to '84
City parks improvement fund stock.....	1871-'78	500 & c.	5,660,000	5, 6, 7 & 6g	M. & N.	.....	1901-1904
Normal school fund stock.....	1871	500 & c.	200,000	6	M. & N.	.....	Nov. 1, 1891
Public school building fund stock.....	1871	500 & c.	636,000	6	M. & N.	.....	Nov. 1, 1891
Additional Croton water stock.....	1871-'79	500 & c.	1,279,000	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-'79	500 & c.	954,000	5 & 6	M. & N.	.....	1903
Third District Court-house bonds.....	1874	500	398,000	5 & 6	M. & N.	.....	Nov. 1, 1890
Armories and drill-rooms.....	1877	500 & c.	375,880	5	M. & N.	.....	1880 & 1881
Central Park commission improvement bonds	1878 & '79	500 & c.	733,000	6	M. & N.	.....	Nov. 1, 1890 & '84
County Court-house stock.....	1862 to '68	100 & c.	1,620,000	6	M. & N.	.....	1880 to '92
do do No. 3.....	1871	100 & c.	600,000	7	M. & N.	.....	1884 to '88
do do No. 4 & 5.....	1872-9	500 & c.	584,600	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 indemnity bonds.....	1864 to '72	100 & c.	855,204	6	M. & N.	.....	1882
Assessment fund stock.....	1868 to '72	100 & c.	1,719,400	6	M. & N.	.....	1887
do do.....	1873	100 & c.	493,200	6 & 7	M. & N.	.....	1903
do do.....	1875	100 & c.	900,450	6	M. & N.	.....	1910
Repairs to buildings stock.....	1870	100 & c.	100,000	6	M. & N.	.....	1884 to '88
Consolidated stock, gold, coupon.....	1871 to '72	500 & c.	14,702,000	6 g.	Various	.....	1896 to 1901
Accumulated debt bonds.....	1869 to '70	100 & c.	6,000,000	7	M. & N.	.....	1884 to '88
N. Y. and Westchester Co. improvement bonds	1870	100 & c.	30,000	6	M. & N.	.....	1891
Consolidated stock.....	1874	100 & c.	1,680,200	7	J. & D.	.....	1896
For State sinking fund deficiency.....	1874	100 & c.	2,729,646	7	M. & N.	.....	1880 to '86
Debt of Westchester towns annexed.....	.....	.....	1,000,000	.....	.....	.....	.....
Consolidated stock, gold.....	1878	500 & c.	6,900,000	5 g.	M. & N.	.....	1908-1928
Norfolk, Va.—Registered stock.....	.....	.....	942,771	6	J. & J.	Norfolk, Treasurer's Office.	1879 to '85
Coupon bonds (\$20,000 due '94 are 6s J. & J.)	1870-'74	100	329,000	6 & 8	M. & S.	do do	1890-'94-'99
Trust & paving, coup. (pav'g, \$189,300, J. & J.)	1872-'73	100	415,800	8	A. & O.	Norfolk, Cit. & Peop. Banks	Apr., '92; July, '93
Coupon bds, water (a mort. on water works.)	1871	100	500,000	8	M. & N.	New York, Park N. Bank.	May, 1901
Norwich, Conn.—City bonds.....	1868	1,000	125,000	7	A. & O.	Thames N. Bk; Bost., Bk. Rep	Oct. 1, 1893
City bonds.....	1877	1,000	160,000	5	A. & O.	Norwich.	April 1, 1907
Water loan (\$50,000 1890, \$250,000, 1898)...	1868 & '70	1,000	200,000	6 & 7	J. & J.	do	Jan. 1, '98 & 1900
Court House.....	1875	1,000	164,000	7	J. & J.	do	Jan. 1, 1905
Sinking fund bonds.....	1878	1,000	150,000	5	A. & O.	do	April 1, 1908

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

New Orleans.—A decision of La. Supreme Court, Dec., 1878, holds invalid the special tax provisions for consolidated bonds. The floating debt, Jan. 1, '78, was \$1,841,928. The assessed valuation of property for 1878 is \$111,123,695, real and personal. State tax, 1 1/4 mills; city tax, 15 mills; total tax, 29 1/4. A scheme for settling the debt by a bond premium drawing plan is in practice, and drawings take place Jan. 31, April 15, July 31, and October 15. Population in 1879, 191,418; in 1860, 138,670. (V. 27, p. 148, 225, 629; V. 28, p. 18, 352.)

Newton, Mass.—Total debt, \$1,262,054. Tax valuation, 1878, \$25,012,930; rate, \$13'80 per \$1,000. Population, 1875, 16,105.

New York City.—The total debt of New York, Jan. 1, 1880, was \$142,447,400; the amount of sinking funds \$33,021,985. The following statement shows the details of funded debt, and the amount in the city sinking fund at the date named:

Description.	Jan. 1, 1880.
Funded debt.....	\$123,145,333
Sinking fund.....	33,021,985
Net debt.....	\$90,123,347
Temporary debt.....	13,262,100
Revenue bonds.....	6,039,966
Total.....	\$109,425,414

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

Year.	Real estate.		Personal estate.		—Rate tax p]		Net debt.
	\$	%	\$	%	State.	City.	
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..	402,187,332	191,967,161	4 27	16 08	*26,185,190		
1864..	410,774,435	223,920,505	5 31	17 29	*33,769,601		
1865..	427,360,894	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..	553,447,062	276,339,451	4 67	22 03	*32,914,421		
1868..	623,236,553	285,199,972	6 13	20 17	*35,983,647		
1869..	684,183,918	281,142,696	2 72	19 98	*47,791,840		
1870..	742,108,075	305,285,374	2 70	19 80	*73,373,552		
1871..	769,302,250	306,947,233	4 43	17 27	*38,369,386		
1872..	797,143,665	306,949,422	5 20	23 81	*95,582,153		
1873..	836,693,330	291,576,643	5 41	19 59	*106,363,471		
1874..	881,547,995	272,481,181	6 95	21 05	*114,979,970		
1875..	883,643,545	217,300,154	—	20 40	*116,773,721		
1876..	892,423,165	218,626,178	28 00	—	*119,811,310		
1877..	895,963,933	206,028,160	26 50	—	*117,700,742		
1878..	900,855,700	197,532,075	25 50	—	*113,413,403		
1879..	918,134,380	175,934,955	25 80	—	109,425,414		

* Less sinking funds.
 Mayor Cocper, in his message January 1, 1880, gave the following in regard to the debt on Nov. 30, 1879:
 "At that date there were revenue bonds outstanding as follows:
 Payable from taxes of 1877..... \$150,000
 Payable from taxes of 878..... 2,031,000
 Payable from taxes of 1879..... 10,805,500
 Issued under special laws..... 13,966
 Total..... \$13,000,466

The personal taxes uncollected Dec. 22, 1879 amounted to \$11,475,380
 The uncollected taxes on real estate, Nov 30, 1879, amounted to 13,744,833
 The uncollected assessments November 1, 1879, amounted to 9,437,891

Total..... \$31,653,155
 "A large portion of the personal taxes are of long standing, and probably will never be collected. Property upon which assessments were laid several years ago, and which until recently could not have been sold for the amount of the assessments, has so increased in value that owners are now paying off arrears of assessments to a very considerable extent. It only requires an impartial execution of the law and the abstention by the Legislature from any interference for the benefit of special interests, to bring a large proportion of overdue assessments into the City Treasury."

The following table gives the amount of the tax levy for each year since 1873, and the amount of the State taxes included in the levy for each year:

Year.	Tax Levies.	State Taxes.
1874.....	\$33,312,816	\$7,673,461
1875.....	32,267,744	8,012,336
1876.....	31,109,521	7,233,159
1877.....	2	

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 Pay'ble, Where Payable and by Whom), Principal—When Due. Rows include various city bonds from Paterson, Philadelphia, Peoria, Pittsburgh, Portland, Providence, Richmond, Rochester, Rockland, St. Joseph, St. Louis, and St. Paul.

Paterson, N. J.—Finances are apparently in a sound condition. Back taxes due (including 1878) were \$667,786 Jan. 1, 1879.

Philadelphia.—The total funded debt, January 1, 1870 was \$70,979,004; floating debt, \$1,294,554. On Jan. 1, 1879, funded debt was \$61,092,641, and floating debt, \$10,742,458. Total assets, including sinking fund, railroad stocks held, and \$3,532,261 of taxes "due and collectible," and \$1,253,456 cash, were \$25,718,873, leaving balance of liabilities, \$46,546,222. The following table exhibits the assessed valuation and tax rate in the city since 1871:

Table with columns: Year, Real Estate, Personal Estate, Rate Tax per \$1,000. Rows from 1872 to 1880.

There is no large amount of city debt maturing in the next four years. Assessed valuations of real estate for 1880 are: Full city property, \$474,504,118; suburban property, \$35,762,261; farm property, \$18,903,000. Population, 1870, 674,022, against 565,529 in 1860. (V. 27, p. 623; V. 29, p. 435.)

Peoria, Ill.—Total debt, \$636,500; tax valuation, 1878, \$14,574,105.

Pittsburgh.—Assessed valuation in 1879: Real property, \$92,543,390; personal, only \$2,612,268. Sinking funds, \$473,277. Tax rate, 1879, 17 1/2 mills per \$1. Population about 140,000. Interest defaulted April, 1877. (V. 27, p. 68, 643; V. 29, p. 43, 302; V. 29, p. 389.)

Portland, Me.—The sinking fund and available assets March 31, 1879, were \$360,825. The city is protected by mortgages on Atlan. & St. Lawrence, Portland & Rochester, and Portland & Ogdensburg railroads. Assessed value of real estate in 1879 was \$19,212,800; personal, \$11,458,374. Tax rate, \$25 50 per \$1,000. Population in 1879, 35,010, against 31,413 in 1870, and 26,341 in 1860.

Providence, R.I.—The principal debt of Providence has been created since 1872 for water works, sewerage, new City Hall and Brook Street Improvement. The floating debt at close of fiscal year Sept. 30, 1879, was \$478,300. The assessed valuations of all property in 1879 were: real estate, \$86,816,100; personal, \$28,765,600. Rate of tax, \$14 per \$1,000. The sinking fund for bonds due in 1885, \$53,171; sinking funds of 1893, \$206,070; 1895, \$165,439; 1900-6, \$108,458. Population by U. S. census, 1870, 68,901; by State census, 1875, 100,800. The laws of Rhode Island now limit the debts of towns to 3 per cent of their assessed valuation. (V. 28, p. 578.)

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

Richmond, Va.—Real estate assessed, 1878, \$23,076,513; personal, \$11,519,584. Tax rate, \$1 40.

Rockland, Me.—Valuation of real estate, 1878, \$2,484,945; personal, \$1,032,236. Tax rate, \$31 per \$1,000.

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. 28, p. 135, 175; V. 25, p. 408; V. 28, p. 477.)

St. Louis.—Population by the U. S. census in 1870 was 310,864, against 160,773 in 1860. The city and

county were merged by law in 1877 and city assumed the county bonds. In the last fiscal year the resources were:

Table with columns: Resource, Amount. Rows include Balance April 11, 1877, Interest revenue, Municipal revenue collections, Special collections, Proceeds of anticipation notes, Proceeds of renewal bonds.

The expenditures were \$5,900,641. Unpaid warrants on hand April 11, 1878, \$0,944.

Balance in treasury April 10, 1878, \$654,431.

The Comptroller gives the following in his report to April, 1878: The liabilities appear as follows: The bonded debt at the close of fiscal year (April 9, 1878), was \$15,996,000; the bonded debt of the late county, assumed by the city, \$6,599,000. Other liabilities—claim of St. Louis Gaslight Co. for gas furnished, with interest, \$683,000. The sinking fund is as follows: Assets of this fund at commencement of the present fiscal year, \$390,095. The resources available this fiscal year will be about \$110,000. Assessed valuation of real property in 1879, \$135,705,000; personal, \$30,224,560. Tax rate for city purposes in old limits, \$1 75; in new limits, \$1 50. (V. 25, p. 204; V. 26, p. 290, 359, 486; V. 27, p. 229.)

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

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>St. Paul, Minn. (Continued.)—</i>							
Local improvement Bonds.....	1873	\$1,000	\$100,000	7	J. & J.	N. Y., Kountze Brothers.	1898
Bonds.....	1879	1,000	115,000	6	A. & O.	do do	April 1, 1904
<i>Salem, Mass.—City debt.</i>							
City debt.....	....	100 &c.	110,000	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	Apl. 1, 1883-1898
<i>San Francisco—Bonds of 1858, coupon (gold).</i>	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	Oct. 1, 1883
Western Pacific Railroad, do do.....	1864	500 &c.	377,000	7 g.	J. & J.	do	July 1, 1894
School bonds, do do.....	1865	500 &c.	250,000	7 g.	M. & N.	do	May 1, 1895
Judgment bonds, do do.....	1866 to '67	500 &c.	197,000	7 g.	A. & O.	do	April 1, 1881
School bonds, do do.....	1867	500 &c.	246,000	7 g.	A. & O.	do	Oct. 1, 1887
School bonds.....	1870 to '72	500 &c.	385,000	7 g.	J. & D.	do	June 1, 1882 to '90
Park improvement bonds.....	1874	500 &c.	200,000	6 g.	J. & J.	do	July 1, 1894
Hospital bonds.....	1872 to '75	500 &c.	475,000	6 g.	J. & J.	do	1897 & 1904
House of Correction bonds.....	1871 to '73	500 &c.	210,000	6 g.	M. & N.	do	Nov. 1, 1891
City Hall construction.....	1874	500 &c.	150,000	7 g.	J. & J.	do	July 1, 1894
Widening Dupont St. (Act March 4, 1876).....	1875 to '76	500 &c.	750,000	6 g.	....	do	1899
<i>Savannah, Ga.—New compromise bonds.</i>	1876	....	915,000	7 g.	J. & J.	do	1896
<i>Somerville, Mass.—City debt.</i>	1879	100 &c.	3,000,000	5	Q-F.	New York and Savannah.	Feb. 1, 1909
City debt.....	....	Large.	10,000	7	A. & O.	Boston, Nat. Security Bank	April 1, 1879
do.....	....	Various.	461,000	6 1/2	A. & O.	do do	April, 1879 to '84
do.....	....	Large.	165,000	6 1/2	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	5 1/2	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	6 1/2	Various	do do	1881 to 1884
Water loan.....	....	Large.	320,000	5 1/2, 6, 6 1/2	Various	do do	1880 to 1906
<i>Springfield, Mass.—City notes.</i>	....	Large.	137,000	5 1/2, 6	Various	City Treasury.	1879 to 1884
City bonds.....	....	1,000	217,000	6	Various	Boston, First National B'k.	1879-1890
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.—General fund city bonds, coup.</i>	'70, '71, '76	....	1,310,000	6, 7 & 8	Various	N. Y., Imp. & Trad. N. Bk.	1879 to '94
Toledo & Woodville Railroad, coupon.....	1870	....	447,000	7 3/4	M. & N.	do do	May, 1900
Water works.....	1873 & '74	....	1,000,000	8	Various	do do	June, '93 & Sep., '94
Short bonds, chargeable on special assessm'ts	1875-'78	....	640,300	7 & 8	Various	do do	1879 to '81
<i>Worcester, Mass.—City debt, coup. and regist'd.</i>	....	Large.	45,000	5 & 6	J. & D.	City Treasury.	1879-1884
City debt, registered (5 pieces, \$100,000 each)	....	....	500,000	6	J. & J.	do	Jan. 1, 1881
do (\$250,000 reg., \$550,000 coupon)	....	500 &c.	800,000	6	A. & O.	C. Treas. & Bost. Mchts.' Bk.	April 1, 1892
do reg. (\$200,000 J. & J., \$300,000 A. & O.)	....	500 &c.	500,000	5	Various	do do	1887-89 & 1905
Sewer loan (\$92,000 are J. & D., balance J. & J.)	....	Various.	311,900	5 & 6	Various	do do	1880 to 1899
Water loan (\$305,400 reg., \$80,000 coup.).....	....	500 &c.	385,400	5 & 6	Various	do do	1880 to 1906

Salem, Mass.—The sinking fund amount's to about \$200,000, 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, 1879, \$22,978,677.

San Francisco.—Population by the U. S. census of 1870 was 149,482, against 56,802 in 1860; in 1876 claimed 272,000. Real estate for the fiscal year ending June 30, 1879, 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 was \$1.60 per \$100, for city and county purposes. (V. 28, p. 165.)

Savannah, Ga.—Default was made on interest Nov. 1, 1876, in consequence of yellow fever and non-collection of taxes. The compromise now virtually carried out is given in V. 26, p. 625, by which new 5 per cent bonds are exchanged for the face of old bonds; and for interest up to Feb. 1, 1879, 58 per cent of the face value in similar bonds. Assessed value of real estate, \$14,000,000; personalty, \$4,200,000; tax rate, 1 1/2 per cent. Population in 1870, 28,235, against 22,292 in 1860. (V. 26, p. 18, 626; V. 27, p. 122, 173, 568; V. 28, p. 17.)

Somerville, Mass.—Total debt, \$1,771,854; sinking fund, \$45,181; tax valuation, 1876, \$26,573,400. Except \$140,000 in \$1,000 pieces, all bonds are in \$2,000 to \$50,000 pieces.

Springfield, Mass.—Total debt, \$1,946,611; cash assets, \$303,489. The railroad debt falls due \$30,000 each year. No registered bonds. Tax valuation, 1870, \$23,514,060; 1876, \$35,109,456; 1877, \$30,697,776. Rate, 1.32. Population in 1875, 31,053.

Toledo.—Total debt, Jan., 1879, was \$3,531,296. Of this the debt payable by special assessments was \$640,300, and the certificates of indebtedness, \$103,147. Taxable valuation of real estate, 1878, \$134,030,070; personal, \$5,567,000. Tax rate, \$3.28 per \$100.

Worcester, Mass.—Total debt, \$2,507,100. Cash assets, \$210,658, including \$94,126 sinking fund. Population, 49,317 in 1875. Tax valuation, 1870, \$34,018,453; 1878, \$39,572,158; tax rate, 1.56.

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DESCRIPTION. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding.	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate per Cent.	When Payable.	When Payable, and by Whom.	
<i>Alabama Central</i> —(Selma & Merid.)—1st mort.	81	1871	\$....	\$1,600,000	8	J. & J.	.....	June, 1901
<i>Ala. & Gt. South'n.</i> —Receiver's certifi. of Ala. & Chatt	296	1878	1,000	700,000	8	M. & S.	.....	1882
1st mortgage, new, (for \$1,750,000)	201	1878	1,000	752,000	6 g.	J. & J.	N. Y., Farmers' L. & T. Co	Jan. 1, 1908
<i>Albany & Susquehanna</i> —Stock	201	1878	100	3,500,000	3½	J. & J.	N. Y., B'k of Commerce.	Jan. 1, 1880
1st mortgage	142	1863	1,000	1,000,000	7	J. & J.	N. Y., Del. & Hud. Can. Co	July, 1888
Albany City loan (sinking fund, 1 per ct. yearly).	142	1865	1,000	933,000	6	M. & N.	do do	Nov., 1895
2d mortgage	142	1865	1,000	2,000,000	7	A. & O.	do do	Oct., 1885
3d mortgage, sinking fund	142	1869	500 &c.	253,000	7	M. & N.	do do	May, 1881
Consol. mort. (guar. D. & H.) coup., may be reg.	142	1876	1,000	1,960,000	7	A. & O.	do do	April 1, 1906
<i>Alleghany Valley</i> —Stock	262	.....	50	2,166,500	.....	.....	.....	.....
General mortgage (Riv. Div.)	132	1866	1,000	4,000,000	7-30	J. & J.	N. Y., Winslow, L. & Co.	March 1, 1896
Bonds to State Pa. (endorsed) 2d mort. East ext.	110	1870	1,000	3,100,000	5	Jan'y	Harrisburg, Treasury.	\$100,000 y'ly.
1st mort., East'n Exten., guar. by Pa. RR.	110	1871	1,000	10,000,000	7 or 6 g.	A. & O.	Philadelphia or London	April 1, 1910
Funding income bonds, with traffic guarantee	262	1874	100 &c.	6,870,000	7	A. & O.	Pittsburgh.	Oct. 1, 1894
<i>Atchison & Nebraska</i> —Stock	176	.....	.....	3,344,650	1	.....	.....	.....
1st mortgage	149	1878	100 &c.	1,125,000	7	M. & S.	Boston, Office.	Dec., 1878
<i>Atchison, Topeka & Santa Fe</i> —Stock	867	.....	100	10,615,000	3	F. & A.	Boston, at Office.	Mar. 1, 1908
1st mortgage, gold	867	1869	500 &c.	7,041,000	7 g.	J. & J.	do	Feb. 1, 1880
Land grant mortgage, gold	.....	1870	500 &c.	3,265,000	7 g.	A. & O.	do	July, 1899
Consol. bonds, gold	.....	.....	.....	3,389,000	7 g.	A. & O.	do	Oct. 1, 1900
Construction notes	.....	.....	.....	78,000	7	J. & J.	do	1903
Land income bonds, 5 to 10 years	.....	1878	500 &c.	480,000	8	J. & J.	do	1882
Pottawatt'mie b'ds on 73,158 ac. land (contingent)	.....	.....	.....	413,000	7	M. & N.	do	Jan. 1, 1883-'88
Wichita & Southwest. (leased) 1st M., gold, guar.	27½	1872	1,000	412,000	7 g.	J. & J.	do	Nov. 1, 1879
Kans. City Top. & West., (leased,) stock	.....	.....	100	200,000	3	F. & A.	do	July 1, 1902
do do 1st mort., gold	65	1875	1,000	854,000	7 g.	F. & A.	do	Feb. 2, 1880
do do income bonds	.....	1878	.....	200,000	.....	.....	do	July 1, 1905
Pueblo & Ark. Valley, (leased) 1st M., gold	148	.....	1,000	1,719,000	7 g.	J. & J.	do	.....
do do 1st mortgage	.....	1878	.....	1,067,000	.....	.....	do	1905
Pleasant Hill & De Soto (leased), 1st M., gold	44	1877	500	120,000	7 g.	A. & O.	do	1907
Florence Eldorado & W. (leased), 1st mort., gold	31	1877	1,000	310,000	7 g.	A. & O.	do	July 1, 1907
New Mexico & So. Pacific, 1st mortgage, gold	.....	1878	1,000	(?)	7 g.	.....	do	1908
<i>Atlanta & Charlotte</i> —New pref. mort.	265½	1877	1,000	500,000	7	A. & O.	New York, Office.	April 1, 1897
Mortgage bonds	265½	.....	1,000	4,250,000	7	J. & J.	do	Jan. 1, 1907
<i>Atlanta & West Point</i> —Stock	87	.....	100	1,232,200	4	J. & J.	Atlanta, Ga., at Treas'y.	Jan. 1, 1880
<i>Atlantic & Great Western</i> —Old 1st mort., Ohio Div.	460	1871	500 &c.	2,416,300	7 g.	A. & O.	New York and London.	Oct. 1, 1876
1st general mortgage (\$18,000,000)	460	1871	500 &c.	15,165,200	7 g.	J. & J.	do do	Jan., 1902
2d do do (\$12,000,000)	460	1871	500 &c.	11,989,680	7 g.	M. & S.	do do	Sept., 1902
3d do do (\$29,000,000)	460	1871	500 &c.	28,783,000	7 g.	M. & N.	do do	Nov., 1902
Leased lines rental gold bonds (Cl. & M.)	.....	1872	1,000	5,355,000	7 g.	J. & J.	do do	Jan., 1902
do do (P. P., P. V. and S. & A.)	.....	1873	1,000	3,568,000	7 g.	J. & J.	London, Co.'s Office.	Jan., 1903
Western Extension certificates (Cl., Col., Cin. & I.)	.....	1873	500	2,060,000	8	J. & J.	do do	July 1, 1876
do do do bonds	.....	.....	.....	1,748,500	7	.....	do do	.....
Prior lien bonds (for \$8,000,000)	427	1879	500	2,500,000	6	M. & S.	do do	Sept. 1, 1895
New 1st mortgage bonds (for \$4,500,000)	.....	.....	.....	(?)	.....	.....	.....	.....
<i>Atlantic & Gulf</i> —Consolidated 1st mortgage	286	1867	500 &c.	1,666,000	7	J. & J.	.....	July, 1897
Sav. Albany & Gulf RR. mortgage bonds	.....	.....	.....	300,000	7	.....	.....	1879
Southern Georgia & Florida, 1st mortgage	58	1868	.....	464,000	7	M. & N.	N. Y., Perkins, L. & Post	Nov. 1, 1888
do do 2d mortgage	58	1869	.....	200,000	7	M. & N.	do do	May 1, 1889
<i>Atlantic, Miss. & Ohio</i> —Stock, (com'n, pref. & guar.)	428	.....	.....	6,921,900	.....	.....	.....	.....
1st mort. consolidated, gold (for \$15,000,000)	428	1871	.....	5,470,000	7 g.	A. & O.	N. Y., First Nat. Bank.	Oct. 1, 1901
2d mort. to the State (no interest till 1880)	428	1871	.....	4,000,000	.....	.....	.....	.....
<i>Norfolk & Petersburg</i> —1st mortgage, extended	81	1857	500 &c.	306,000	8	J. & J.	N. Y., Perkins, L. & P.	Jan. 1, 1887
do do 1st do do	81	1857	500 &c.	157,000	7	J. & J.	do do	Jan. 1, 1887
do do 2d do do	81	1868	1,000	458,000	8	J. & J.	do do	July 1, 1893
<i>South Side</i> —1st pref. consol. mort	133	1866	1,000	684,000	6	J. & J.	do do	Jan. 1, '84-'90
do 2d do guar. Petersb'rg	133	1866	200 &c.	621,000	6	J. & J.	do do	Jan. 1, '84-'90
do 3d do do	133	1866	200 &c.	452,500	6	J. & J.	do do	Jan. 1, '86-'90
<i>Virginia & Tennessee</i> —Enlarged mortgage	214	1854	1,000	990,000	6	J. & J.	do do	July 1, 1884
do do 4th mortgage	214	1865	1,000	969,000	8	J. & J.	do do	Mch. 1, 1900
do do Registered certificates	.....	Var'us	Various	84,190	8	J. & J.	Lynchburg Office.	Jan. 1, 1875
do do Interest funding bonds	.....	1869	100 &c.	226,900	8	J. & J.	N. Y., Perkins, L. & P.	July 1, 1880
<i>Atlantic & St. Lawrence</i> —Stock, sterling	150	.....	£100	5,454,680	3 g.	M. & S.	London, Gr. Trunk Rr.	Sept. 15, 1879
Portland city bonds, 1st mort., sinking fund	150	1868	1,000	787,000	6	M. & N.	Portland.	May 2, 1886
2d mortgage, sterling, 5-20 years	150	1864	£100	1,500,000	6 g.	A. & O.	London, Gr. Trunk Rr.	Oct. 1, 1884
3d do do do	150	1871	£100	713,000	6 g.	M. & N.	do do	Oct. 1, 1891
<i>Augusta & Savannah</i> —Stock	53	.....	100	1,022,900	3½	J. & D.	Savannah.	Dec., 1879
<i>Bald Eagle Valley</i> —1st mort., s. f. (\$5,000 per year)	51	1861	100 &c.	336,900	6	J. & J.	Phila., Farm. & M. Bank	July 1, 1881
2d mortgage (\$5,000 per year)	51	1864	1,000	100,000	7	J. & J.	do do	July 1, 1884
<i>Baltimore & Ohio</i> —Stock	595	.....	100	14,785,100	4	M. & N.	Baltimore Office.	Nov. 1, 1879
Preferred stock	.....	.....	100	4,999,999	3	J. & J.	Balt., Merchants' Bank.	July 1, 1879
Washington branch	30	.....	100	1,650,000	5	M. & N.	Baltimore Office.	Nov. 1, 1879
Loan, 1850	.....	1850	.....	579,500	6	J. & J.	Balt., Merchants' Bank.	1880
do 1853	.....	1853	.....	1,710,000	6	A. & O.	Baltimore Office.	1885
do 1870, sterling, £800,000, sink. fund	.....	1870	.....	3,017,697	6	M. & S.	London.	1895
Baltimore loan, 1855-'90, sink. fund	.....	1855	.....	2,938,091	6 g.	J. & J.	Baltimore Office.	1890
Debentures, sterling	.....	1874-5	£200	2,420,000	6 g.	J. & J.	London, Naylor & Co.	Jan. 1, '80 & 81
Sterling mortgage, sinking fund	411	1872	£100	8,683,686	6 g.	M. & S.	London.	Mch. 1, 1902
Sterling mortgage, sinking fund	421	1874	£200	9,231,341	6 g.	M. & N.	London, Speyer Bros.	1910
Purchase of Connellsv. RR. (payable \$40,000 y'ly)	.....	1875	.....	840,000	6	J. & J.	Baltimore.	1879-1900

Alabama Central.—Defaulted January, 1872, and re-organization has been made and a connection to Meridian, Miss., completed November, 1878. (V. 27, p. 40, 586.)

Alabama & Great Southern.—Ala. & Chattanooga reorganized. Ordinary stock issued, \$7,800,000; pref. stock authorized, \$783,000. Gross earnings 1878, \$419,119; net, \$112,705. About \$450,000 of the receiver's certificates are disputed. (V. 25, p. 40, 186; V. 26, p. 17, 89, 84, 264; V. 27, p. 67, 85, 121.)

Albany & Susquehanna.—This road is leased for 150 years from 1870 to Delaware & Hudson Canal Co., at 7 per cent per annum, on stock and bonds. Consol. mort. is for \$10,000,000, of which \$3,450,000 is to retire old bonds, and balance for a part of old stock and to lease for improvements. Net earnings in 1878, \$454,580. (V. 25, p. 615; V. 27, p. 602; V. 29, p. 581.)

Alleghany Valley.—This road was embarrassed in 1874, and compromised with creditors. Gross earnings 1878, \$1,910,228; net \$915,726, against \$1,144,971 in 1877. Deficiency for mortgage interest in 1878, \$240,260; deficiency on all interest, \$698,396. Of income bonds, \$2,648,400 are held by individuals, and pay interest in cash when earned; \$3,939,000 held by railroads draw interest in bonds. (V. 26, p. 493; V. 27, p. 356; V. 28, p. 399; V. 29, p. 256.)

Atchison & Nebraska.—Under re-organization, \$1,125,000 bonds and \$3,337,000 stock were given for old bonds and overdue coupons. Dividend of 1 per cent paid December, 1878. Gross receipts 1878, \$452,057; net receipts, \$98,405. (V. 25, p. 510; V. 28, p. 399; V. 29, p. 62.)

Atchison, Topeka & Santa Fe.—\$2,000,000 stock was issued for equipment, &c., June, 1879. Land grant estimated to be 2,932,784 acres, of which 865,161 acres were sold to January 1, 1879. Net earnings, 1878, \$1,909,395, against in 1877, \$1,229,556; see annual report, V. 28, p. 475. The extension of leased lines and new roads building in 1878 are referred to in V. 27, p. 15. The K. C., T. & W. is leased at 30 per cent of gross earnings,

rising to 34 per cent in 1880 and thereafter. (V. 28, p. 120, 222, 301, 379, 400, 427, 475, 502, 553, 623, 641; V. 29, p. 40, 66, 95, 119, 224, 293, 356, 406, 459, 563, 583, 639; V. 31, p. 16, 42.)

Atlanta & Charlotte.—This is the Atlanta & Richmond Air-Line sold in foreclosure December, 1876, and re-organized. Gross earnings 1873, \$623,278; net, \$202,033. (V. 23, p. 277, 427.)

Atlanta & West Point.—Gross earnings in 1873-9, \$330,262; in 1877-8, \$321,140; in 1876-7, \$311,158; net earnings in 1878-9, \$123,370; in 1877-8, \$145,435; in 1876-7, \$106,949. There are \$83,000 bonds outstanding. (V. 27, p. 121; V. 29, p. 301.)

Atlantic & Great Western.—The common stock is \$24,795,208, and pref., \$9,876,256. Trustees' certificates of 1879 will be exchanged into prior lien bonds, and the Ohio Division mortgage paid off. Foreclosure sale took place Jan. 6, 1880, and proceedings for re-organization are in progress. Gross earnings in 1878, \$3,745,206; net deficit, \$19,960. (V. 29, p. 222, 276, 399, 452, 476, 525, 553, 577; V. 29, p. 40, 193, 213, 406, 537, 563, 608, 636; V. 20, p. 42.)

Atlantic & Gulf.—The Company also had \$334,000 of old sectional mort. bids outstanding; \$500,000 10 per cent coupon notes; \$45,000 Junction Branch RR. bonds, and \$52,500 Bainbridge Extension bonds. Com. stock was \$3,603,200; guar. stock, \$782,976. Was sold in foreclosure November 4, 1879, for \$301,000. (V. 25, p. 57, 407; V. 27, p. 538; V. 29, p. 40, 250, 488, 608.)

Atlantic, Mississippi & Ohio.—Gross earnings year ending June 30, 1879, \$1,673,131; expenses, \$1,060,088; net earnings, \$613,043. The divisional bonds matured and maturing up to July, 1880, have been extended for ten years by order of the Court, and new sheets of coupons are issued to the holders. Interest on the divisional bonds is paid two or three months after it falls due. A final decree of sale under the consolidated mortgage was made in May, 1879, but the date of

sale not fixed. A scheme of re-organization approved by the consolidated mortgage bondholders (mostly in London) will probably be carried out. (V. 28, p. 97, 199, 22476, 624; V. 29, p. 356; V. 30, p. 66.)

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

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

Bald Eagle Valley.—Leased to Pennsylvania Railroad at 40 per cent of gross receipts. The Pennsylvania Railroad holds all the 2d mortgage bonds. A new mortgage for \$400,000 is authorized to take up the old bonds. In Aug., 1879, 2½ per cent was paid on stock. (V. 27, p. 486; V. 29, p. 563.)

Baltimore & Ohio.—The amount of stock as above includes the last stock dividend. Annual report for 1878-9 in V. 29, p. 537. The floating debt Sept. 30, 1878, was \$2,563,302 of "bills payable," and \$2,554,959 of "loans and sterling obligations," and on Sept. 30, 1879, it was reduced to \$1,159,507 in all. The gross earnings of the "Main Stem" and its branches for six years were as follows:

	Gross Earnings.	Net Earnings.	Stock and Debt.
1878-9	\$8,864,825	\$4,341,245	\$.....
1877-8	8,563,956	4,039,611	55,947,662
1876-7	8,262,045	3,658,892	.....
1875-6	9,632,361	4,215,554	47,311,000
1874-5	10,514,178	4,332,206	47,173,000
1873-4	11,693,955	5,018,060	45,876,000

The gross earnings of the main and all leased lines in 1878-79 were \$14,193,980, and net earnings, \$6,502,384, against \$5,995,978 in 1877-8, including earnings of Pittsburgh Division. B. & O. direct bonds of 1879 on Parkersburg Branch are secured by deposit of mortgage on that road. (V. 26, p. 2-9, 367, 598; V. 27, p. 67, 535, 651; V. 28, p. 223, 276, 378; V. 29, p. 145, 225, 250, 328, 50, 535.)

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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.

Cayuga & Susquehanna.—Leased in perpetuity to Del. Lack. & West. at \$54,600 per year. Deficit in net earnings 1877-8 was \$16,185.

Central Railroad & Bank, Ga.—A lease was made to Nashville Chattanooga & St. Louis before that road was controlled by Louisville & Nashville, which may or may not be confirmed. In April, 1875, purchased one-half interest in Western Railroad of Alabama at foreclosure sale. The "tripartite" bonds are issued jointly by this Company, the Macon & West., and Southwestern. Gross earnings year ending August 31, 1879, \$2,821,543; net, \$1,208,215, against 1,123,309 in 1877-8. (V. 27, p. 381; V. 29, p. 655; V. 30, p. 66.)

Central of Iowa.—Sold in foreclosure, July 18, 1877, under first mortgage. Reorganization made in 1879. First preferred stock is \$907,000; 2d pref. stock is \$1,167,800 given for old 2d mortgage bonds and interest; common stock is \$495,200. Gross earnings, 1878, \$755,658; net, \$326,023; renewals, &c., \$145,942. (V. 28, p. 17, 145, 299, 378, 453, 477, 553, 577.)

Central of New Jersey.—A full abstract of the reorganization scheme was published in the CHRONICLE, V. 16, p. 215. Gross earnings 1878, \$5,589,525; net, \$2,276,769. Net earnings, 1877, after payment of Leh. & Susq. rental, were \$1,838,335. The American Dock & Imp. Co. executed a mortgage for \$4,000,000, in 1877, to secure its bonds. The following table shows the receipts, expenses and net earnings, including Lehigh & Susquehanna Division:

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

(V. 26, p. 40, 66, 95, 141, 216, 315, 391, 495, 574, 592, 624; V. 27, p. 651; V. 28, p. 120, 223, 476, 518; V. 29, p. 197, 637.)

Central Ohio.—Leased to Baltimore & Ohio RR. in 1866 for 2) years; rent 35 per cent of gross receipts for five years, and 40 after. Pays 6 per cent dividends.

Central Pacific.—The Southern Pacific is leased. The annual report for 1878, was given in the CHRONICLE, V. 28, p. 623, and V. 29, p. 405. Gross earnings, 1878, \$17,530,853; expenses, \$8,786,116; net earnings, \$8,744,739; rental of leased lines, \$2,435,038; interest, \$3,954,779. In January, 1880, a sale of 100,000 shares stock, at 75¢, was made to a syndicate. Trustees of land mortgage held in May, 1879, \$108,512 in cash and \$1,737,078 in notes, and in August they called for sale to them of \$100,000 land bonds, and again in October for \$100,000. (V. 27, p. 40, 95, 122, 147, 253, 274, 407, 459; V. 28, p. 60, 121, 477, 623; V. 29, p. 95, 405, 434, 510, 563; V. 30, p. 91.)

Champaign, Havana & West.—This is the reorganization of the Ind. Bloom. & Western Extension. Stock is \$1,650,000. (V. 23, p. 301; V. 30, p. 91.)

Charlotte, Columbia & Augusta.—Stock is \$2,578,000, and \$189,500 of old Col. & Aug. bonds are yet out, due 1890. Gross earnings 1877-78, \$441,357; net, \$168,578. Interest and taxes, \$2,301. "Bills payable," \$132,775. Control of road sold to Richmond & Danville. (V. 24, p. 62; V. 25, p. 95; V. 27, p. 280; V. 28, p. 96.)

Chattanooga.—Leased to Pitts. Cin. & St. Louis, and operated by Penn. Co. Net earnings go to lessor—in 1878, \$42,588. (V. 23, p. 377.)

Cherry Valley, Shar. & Al.—Transferred to Delaware & Hudson Canal Co., April, 1875. Interest unpaid in December, 1875. (V. 20, p. 404.)

Chesapeake & Ohio.—Sold in foreclosure April 2, 1876, for \$2,750,000 and re-organized, with bonds as above, when all are issued. The payments on old Virginia Central bonds and coupons, and notes

issued therefor, were made as per circular, CHRONICLE, V. 27, p. 94. Gross earnings, 1878-9, \$1,891,542; net, \$384,209. (V. 26, p. 17, 342, 522, 625; V. 27, p. 15, 94; V. 28, p. 41, 172, 502, 525; V. 29, p. 17, 66, 670; V. 30, p. 16.)

Cheshire.—Net income, 1877-78, \$78,019. New 6 per cent bonds for \$536,000 authorized, to redeem bonds of 1880. (V. 23, p. 548; V. 26, p. 495; V. 27, p. 537.)

Chicago & Alton.—The report for 1878 is given at length in V. 23, p. 274, 298, and shows gross earnings of \$4,671,519, and net earnings of \$2,156,384, against \$2,107,337 in 1877, and \$2,269,467 in 1876. Joliet & Chicago Railroad is leased for interest on stock and bonds. St. Louis Jacksonville & Chic. Railroad leased at \$240,000 per year. Louisiana & Missouri Railroad operated under contract. Extension to Kansas City built in 1878, and a mortgage on that line (K. C. St. L. & Chic. RR.) is deposited in trust as security for C. & A. gold 6s of 1878. The preferred stock on K. C. St. L. & O. was issued for equipment. (V. 28, p. 95, 192, 213, 289, 436, 547; V. 27, p. 41, 94, 382; V. 23, p. 274, 298, 400, 423, 624.)

Chicago Burlington & Quincy.—Gross earnings for 1878 were, \$14,119,665; expenses, \$7,871,915; net earnings, \$6,247,750. The Chic. Burl. & Quincy leases numerous branch roads, giving them a traffic guarantee (usually 40 or 50 per cent) for purchasing their bonds. Leases in perpetuity the Quincy Alton & St. Louis at \$42,000 per annum. Enough of the Chicago Burlington & Quincy consolidated mortgage is reserved to take up prior debts. In Jan., 1879, new stock equal to 10 per cent of the old was issued to stockholders at par. The bonds of 1876, for St. Louis Rock Island & Chicago Railroad, are plain bonds of Chicago Burlington & Quincy, offset by mortgage of like amount, on St. Louis Rock Island & Chicago road, deposited with trustees. (V. 25, p. 133; V. 26, p. 190, 548; V. 27, p. 356, 435, 651; V. 23, p. 223, 274; V. 29, p. 67, 119, 355, 658; V. 30, p. 15.)

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Chicago & Canada Southern.—Connection of Canada Southern. Interest in default. Controlled by Lake Shore & Michigan Southern. (V. 25, p. 261; V. 29, p. 170, 537.)

Chicago, Cincinnati & Louisville.—No information furnished.

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

Chicago & East Illinois.—Chic. Danv. & Vinc. sold in foreclosure, and re-organized. On income bonds interest is to be paid as earned, not over 7 per year. Gross earnings 1878-9, \$831,893. Leased in January, 1880, the Evanville Terre Haute & Chicago. (V. 28, p. 113, 327; V. 29, p. 146, 488; V. 30, p. 91.)

Chicago & Iowa.—Sold Mar. 9, 1878, in foreclosure of 2d mortgage of \$1,150,000, and a re-sale ordered. Compromise effected and coupon of July, 1878, paid July, 1879. Net earnings 1877-8, \$272,351. (V. 27, p. 40, 251, 513; V. 30, p. 58.)

Chicago, Iowa & Nebraska.—Leased in perpetuity to Chic. & Northwest., at 3 1/4 per cent of gross receipts.

Chic. & Lake Huron.—This was a consolidation of the Peninsular Railroad and Port Huron & Lake Mich. Port Huron Division sold June 22, 1879. Western Division, Lansing to Valparaiso, was sold Aug. 25. Peninsular Division sold Nov. 1 to Grand Trunk of Canada. (V. 26, p. 116; V. 27, p. 403, 467, 652; V. 23, p. 17, 120, 233, 302, 641; V. 29, p. 146, 225, 489.)

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

Chicago Milwaukee & St. Paul.—Net earnings in 1878, \$3,659,454; 1877, \$3,574,460; 1876, \$3,100,847; 1875, \$3,085,389. The earnings were reduced in 1874

and 1875 by the lower freight rates imposed by the Wisconsin railroad law. Annual report for 1873. V. 28, p. 393. The following is a comparison for three years of operations, and financial condition at the close of year:

Table with columns: 1878, 1877, 1876. Rows: Miles owned, Stock, Funded debt, Earnings, Op. expenses, Net earnings, Of consol. bonds of 1875 enough reserved to take up old debt.

Chicago & Northwest.—The mileage of road above (2,154) includes "proprietary" lines. For year ending May 31, 1879, gross earnings were \$14,590,421; operating expenses, \$7,707,649; net earnings, \$6,882,772; rentals, interest, &c., \$4,585,644; balance net profits, \$2,297,127. The corresponding net surplus for 1877-8 was \$2,464,467. The net deficit on proprietary roads was \$1,127,312. Lands of the company were 2,063,829 acres unsold. Operations of the whole road for two years, compare as follows:

Table with columns: Gross earnings, Expenses and taxes, Net earnings. Rows: 1873-79, 1877-78.

(V. 25, p. 160, 441, 532; V. 26, p. 469, 574; V. 27, p. 140, 170, 372, 436, 603, 623; V. 29, p. 119, 168, 197, 225, 277, 357, 408, 638, 656.)

Chicago & Paducah.—To be sold in foreclosure. Gross earnings 1877-8, \$266,622; net, \$27,956. (V. 23, p. 617; V. 29, p. 323; V. 30, p. 91.)

Chic. Pek. & Southw'n.—Receiver appointed June, 1877. Gross earnings 1877-8, \$343,443; net, \$98,400. (V. 28, p. 41, 63, 199; V. 29, p. 323, 631.)

Chicago Rock Island & Pacific.—In 1878-9 gross receipts were \$9,401,933; net receipts, \$4,329,900; net income over interest, &c., \$3,196,380. Owns stock of Ia. So. & Mo. North., and pays 2 per cent quarterly to Rock Island stockholders, making their quarterly dividend actually 2 1/2 per cent. Controls Peoria & Rock Island road. Keokuk & Des Moines RR. was leased Oct., 1878. (V. 26, p. 574, 599, 623, 653; V. 27, p. 514, 677; V. 28, p. 502; V. 29, p. 15, 489, 608, 631.)

Chic. St. L. & N. O.—The stock of this company is controlled by the Ill. Central. The present organization was formed by a consolidation after foreclosure of the Jackson and Miss. Central roads in 1877. Gross earnings 1878, \$3,819,019; net earnings, \$88,733. Of 1st mort. \$1,199,000 are a prior lien in Tenn. (V. 28, p. 277, 503; V. 29, p. 406.)

Chicago St. Paul & Minneapolis.—This is the West Wisconsin RR. reorganized. Pref. stock \$100,000, common \$4,000,000. The 1st mortgage is a 2d on the lands; the land mort. a 2d on road, but no foreclosure can be had except on default on 1st mortgage. Gross earnings 1877-8, \$365,125; net, \$130,114. The lands mortgaged are about 600,000 acres, and the total lands owned considerably more. (V. 26, p. 436; V. 27, p. 332; V. 28, p. 501.)

Cinc. Ham. & Dayton.—Net income of C. H. & D. in 1878-9, \$141,193 after payment of interest. Defaulted on C. H. & I. guarantee in 1877. Report of bondholders' conference, V. 23, p. 63. (V. 26, p. 117, 599, 624; V. 27, p. 326; V. 28, p. 68, 202, 535, 624; V. 29, p. 15, 197, 563, 658.)

Cincinnati, Lafayette & Chicago.—Gross earnings in 1877-78, \$408,183; net, \$127,599. (V. 29, p. 459.)

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Cincinnati & Muskingum Valley.—Is leased for 99 years from 1873 to Pittsb., Cin. & St. Louis for net earnings, but bonded interest is guaranteed. Net earnings, 1878, \$22,310—loss to lessee, \$82,639. (V. 22, p. 519, 614.)

Cleveland & Pittsburgh.—Leased to Pennsylvania Railroad at 7 per cent on stock, besides expenses and interest, and transferred to Pennsylvania Co. Net earnings 1878, \$1,168,580, deficit to lessee, \$148,112; in 1877 a deficit of \$207,111. (V. 26, p. 67, 287; V. 28, p. 41, 300.)

Concord.—Net receipts in 1877-8, \$340,453. (V. 26, p. 521; V. 28, p. 525.)

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Delaware.—Leased by Phila. Wil. & Balt. till 1897 at 6 per cent on stock and bonds, but if 30 per cent of gross earnings does not pay that, the balance is charged to Del. RR. In 1878 the total deficiency to date was \$259,155. (V. 26, p. 141; V. 28, p. 69.)
Delaware & Bound Brook.—Leased to Phila. & Reading for 990 years, lessee paying int. and 6 per cent on stock in 1879-81, 7 per cent in 1881-83, and 8 per cent afterward. Gross earnings 1878, \$270,570; net, \$119,023. (V. 26, p. 342; V. 28, p. 451, 503.)
Delaware Lackawanna & Western.—For 1878 the income account is given thus:
Net receipts..... \$3,651,434
Interest on bonds..... \$411,965
Rentals..... 3,198,752—3,610,725
Net profit in 1878..... \$40,709
Loss for year 1877..... 908,021
The mortgage authorized for \$10,000,000 is to take up prior bonds with \$2,920,000, and the balance for cash resources. The Morris & Essex Railroad is leased and some of its bonds guaranteed. (V. 23, p. 144; V. 28, p. 119, 225.)
Denver & Boulder Valley.—This road is leased to the Denver Pacific.
Denver Pacific.—Stock, \$1,000,000. Land grant, 1,100,000 acres. In 1877-8 gross earnings were \$288,639; net earnings, \$87,546. Receiver appointed. Control purchased by Jay Gould, and road consolidated January, 1880, with Union Pacific and Kansas Pacific on equal terms. (V. 26, p. 342, 408, 444, 549; V. 27, p. 253, 274; V. 28, p. 67, 197, 357.)
Denver & Rio Grande.—Narrow-gauge road. Leased from Dec. 1, 78, for 50 years to Atch. Top. & Santa Fe, at 43 per cent of gross earnings first year and thence decreasing; afterwards put in hands of a receiver. (V. 28, p. 120, 173, 427, 502, 641; V. 29, p. 40, 66, 301, 329, 382, 407, 457, 562, 583; V. 30, p. 16.)
Denver So. Park & Pac.—Denv. City to Leadville, and San Juan, 208m. when finished. Bonds issued at \$12,000 per mile. Stock is \$3,500,000. (V. 29, p. 511; V. 30, p. 66.)
Des Moines & Ft. Dodge.—There are also \$1,200,000 income bonds. Coupons of Jan., 1877, were funded.

Delaware.—Leased by Phila. Wil. & Balt. till 1897 at 6 per cent on stock and bonds, but if 30 per cent of gross earnings does not pay that, the balance is charged to Del. RR. In 1878 the total deficiency to date was \$259,155. (V. 26, p. 141; V. 28, p. 69.)
Delaware & Bound Brook.—Leased to Phila. & Reading for 990 years, lessee paying int. and 6 per cent on stock in 1879-81, 7 per cent in 1881-83, and 8 per cent afterward. Gross earnings 1878, \$270,570; net, \$119,023. (V. 26, p. 342; V. 28, p. 451, 503.)
Delaware Lackawanna & Western.—For 1878 the income account is given thus:
Net receipts..... \$3,651,434
Interest on bonds..... \$411,965
Rentals..... 3,198,752—3,610,725
Net profit in 1878..... \$40,709
Loss for year 1877..... 908,021
The mortgage authorized for \$10,000,000 is to take up prior bonds with \$2,920,000, and the balance for cash resources. The Morris & Essex Railroad is leased and some of its bonds guaranteed. (V. 23, p. 144; V. 28, p. 119, 225.)
Denver & Boulder Valley.—This road is leased to the Denver Pacific.
Denver Pacific.—Stock, \$1,000,000. Land grant, 1,100,000 acres. In 1877-8 gross earnings were \$288,639; net earnings, \$87,546. Receiver appointed. Control purchased by Jay Gould, and road consolidated January, 1880, with Union Pacific and Kansas Pacific on equal terms. (V. 26, p. 342, 408, 444, 549; V. 27, p. 253, 274; V. 28, p. 67, 197, 357.)
Denver & Rio Grande.—Narrow-gauge road. Leased from Dec. 1, 78, for 50 years to Atch. Top. & Santa Fe, at 43 per cent of gross earnings first year and thence decreasing; afterwards put in hands of a receiver. (V. 28, p. 120, 173, 427, 502, 641; V. 29, p. 40, 66, 301, 329, 382, 407, 457, 562, 583; V. 30, p. 16.)
Denver So. Park & Pac.—Denv. City to Leadville, and San Juan, 208m. when finished. Bonds issued at \$12,000 per mile. Stock is \$3,500,000. (V. 29, p. 511; V. 30, p. 66.)
Des Moines & Ft. Dodge.—There are also \$1,200,000 income bonds. Coupons of Jan., 1877, were funded.

per cent till Sept., 1882, and 6 for balance of term. In 1878-79 net income was \$994,775. The Eastern in N. H., a separate corporation, is leased. (V. 27, p. 15, 251, 353, 382, 537, 626; V. 29, p. 537, 629.)
El River.—This is the Det. El R. & Ill. re-organized. Net earnings 1878, \$67,842. In August, 1879, leased to Wabash at 3 per cent for five years and 4 1/2 thereafter. (V. 28, p. 276; V. 29, p. 236.)
Elizabethtown Lex. & Big Sandy.—This road is to be a western connection of the Chesapeake & Ohio. 33 1/2 miles are completed. See V. 29, p. 16.
Elmira Jeff. & Canandaigua.—Leased to Northern Central Railway Company.
Emira & Williamsport.—Leased in 1863 to North. Cent. for 999 years. Rent amounts to \$185,000 per year. Bonds due: 1890 to be extended at 6 per cent. (V. 28, p. 233.)
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, 1878, \$157,602; interest and dividend charge, \$372,540. (V. 23, p. 377.)
European & North American.—Defaulted in 1875. Sterling mort. on N. Brunswick Div. foreclosed Aug., 1878. (V. 26, p. 18, 142, 418; V. 27, p. 148, 251, 623; V. 29, p. 357.)
Evansville & Terre Haute.—This was the Evansville & Crawfordville. Net earnings 1878-9, \$180,554, against \$178,748 in 1877-8. (V. 25, p. 456; V. 27, p. 538; V. 29, p. 459, 489.)
Evansville, Terre Haute & Chicago.—Gross earnings, 1877-8, \$213,523; net, \$56,596.
Fitchburg.—Leases Vt. & Mass. Net income, 1878-9, above rentals and interest, \$279,740. (V. 23, p. 17, 226; V. 29, p. 41, 67, 537; V. 30, p. 42.)
Flint & Pere Marquette.—Stock is \$3,398,200. Receiver appointed, June, 1879. Gross earnings in 1878, \$1,081,147; net earnings, \$433,370. The lands are in five trusts: sales in Jan. 1, 1878, 275,722 acres, for \$2,277,436; lands then un-sold, 235,779 acres. Coupons on consol. bonds passed Nov., 1875, and part were funded. (V. 28, p. 69, 146, 223, 525, 599; V. 29, p. 17, 223, 621; V. 30, p. 91.)

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Florida Central.—From Jacksonville to Lake City. Bonds authorized, \$59,000. Gross earnings 1877-8, \$156,458. (V. 28, p. 599.)
Flushing, North Shore & Central.—Leased to L. I. RR. There are, in addition to above, \$125,000 N. Y. & Flushing RR. 7s; \$149,000 North Shore 7s; and \$93,000 Whitestone & Westchester 7s. Company embarrassed, since Sept., 1877. Central of L. I. 1st mort. foreclosed and road sold Aug., 1879. (V. 27, p. 677; V. 29, p. 17, 19, & 407.)
Fonda, Johnstown & Gloversville.—Net earnings 1876-7, \$45,066.
Fort Wayne, Jackson & Saginaw.—Was sold in foreclosure Dec. 3, 1879, and re-organized as Fort Wayne & Jackson. (V. 2, p. 193, 300; V. 29, p. 301, 631; V. 30, p. 43.)
Fort Wayne, Muncie & Cincinnati.—Receiver appointed November, 1874. (V. 23, p. 396.)
Framingham & Lowell.—Leased to Boston, Clinton & Fitchburg; has also \$250,000 8 per cent notes due in 1882-3. (V. 26, p. 166.)
Frankfort & Kokomo.—Capital stock, \$600,000. Dividend of 1 1/2 per cent paid October, 1879.
Galveston, Harrisburg & San Antonio.—Stock is \$6,449,999. Gross earnings, 1878, \$1,325,845; expenses, \$533,831; net earnings, \$792,014. The company has 16 sections of land per mile. (V. 26, p. 366.)
Galveston, Houston & Henderson.—Net earnings 1878, \$184,595. Litigation pending. See V. 30, p. 43. (V. 28, p. 146, 172; V. 30, p. 43.)
Geneva, Ithaca & Sayre.—Sold Sept. 2, 1876, and re-organized, this mort. being the old L. & A. mort. (See V. 23, p. 256, 304, 451; V. 24, p. 110.)
Georgia Railroad & Banking Company.—The annual report for the last fiscal year, ending April 1, 1879, was published in V. 23, p. 501. A comparative statement for three years was as follows:
1876-7. 1877-8. 1878-9.
Tot. gr. earn'g's... \$1,143,129 \$1,013,712 \$997,718
Operat'g expenses. 643,110 727,500 659,325
Net earnings..... 500,017 286,212 338,392
In May, 1875, this company, with the Central Ga., purchased at foreclosure sale the Western RR. of Ala

For Montgomery & West Point 8 per cents this company offers sixes. (V. 25, p. 10; V. 26, p. 468; V. 28, p. 501.)
Grand Rapids & Indiana.—Gross earnings 1878, \$1,200,829; net, \$242,458. Unguaranteed bonds are secured by the same mortgage as the guaranteed on the land grant. Since Dec., 1875, 1st mortgage bonds redeemed by sinking fund are replaced by income bonds issued to Continental Improvement Co. The Penn. railroad virtually buys the coupons paid by it, and holds \$1,652,110. of them. (V. 26, p. 95, 192, 239, 443, 543, 625; V. 29, p. 146, 299; V. 30, p. 91.)
Grand Trunk (Canada).—The above figures represent pounds sterling. Net earnings in half year ending June 30, 1879, £198,446. Interest, rentals, &c., £210,988. (V. 26, p. 265, 443; V. 27, p. 95, 148, 362, 408, 460; V. 28, p. 453, 474, 553; V. 29, p. 40, 146, 252, 301, 510, 511, 537, 621.)
Great Western (Canada).—The above figures are given in pounds sterling. For the half year ending July 31, 1879, the gross receipts were £335,771; working expenses, £275,896; net earnings, £59,875. (V. 27, p. 94, 283, 513; V. 28, p. 474; V. 29, p. 146, 252, 229, 357, 458.)
Greenville & Columbia.—This company defaulted but compromised with its bondholders. Net earnings 1877, \$180,614; in 1878, \$181,659. (V. 26, p. 547; V. 27, p. 227; V. 28, p. 553.)
Hannibal & St. Joseph.—Gross earnings in 1878, \$2,045,450; net, \$180,255; interest charge, \$660,000. The company has about \$2,500,000 in land notes, and about 40,000 acres yet unsold. The bonds secured on land notes have a sinking fund of \$25,000 per quarter. (V. 27, p. 279, 487, 603; V. 28, p. 199, 220, 641; V. 29, p. 95, 333, 489.)
Harrisburg, Portsm'th, Mt. Joy & Lancaster.—Leased to Penn. RR, which owns a majority of the stock.
Housatonic.—Leases Berkshire Railroad, Stockbridge & Pittsfield, and West Stockbridge. Gross earnings in 1877-8 were \$570,413; net, \$219,941.
Houston East & West Texas.—In progress, Houston to Shreveport, 225 miles. Narrow gauge; bonds \$7,000 per mile.

Houston & Texas Central.—Capital stock is \$7,722,900. Gross earnings for year ending April 30, 1879, were \$3,031,631; net, \$1,326,906, against \$930,042 net in 1878. Company owns about 5,240,000 acres land against first and consol. mortgages. (V. 26, p. 40, 296, 334; V. 27, p. 41, 118, 119.)
Huntingdon & Broad Top.—Capital stock is \$2,052,800. Gross earnings in 1878 were \$28,889; net, \$132,693. Interest passed on 3d mortgage bonds. (V. 24, p. 369.)
Illinois Central.—The general mortg. of 1874 provides for all bonds outstanding. It is limited to \$15,000,000. The Company controls the Chic. St. Louis & N. O. road, owning 62,792 shares of its stock, \$1,087,000 of first mort. bonds, and \$4,958,000 of the 2d mort. income bonds. In July, 1877, took the Chicago & Spring. under lease, and issued the bonds secured on that road. In 1878, net income from all sources was \$3,147,387, leaving a surplus of \$665,532 over annual charges and dividends. Following is a comparison for four years:
Year. Gross Earnings. Net Earnings. Interest.
1878.....\$7,111,784 \$3,015,229 \$661,182
1877..... 6,639,845 2,546,561 582,900
1876..... 7,040,969 2,144,776 616,792
1875..... 7,802,556 2,670,051 661,068
(V. 28, p. 95, 198, 199; V. 29, p. 301; V. 30, p. 91.)
Indiana, Bloomington & West.—Sold in foreclosure October 30, 1879. Of preferred bonds \$600,000 have been issued to pay expenses of foreclosure and prior liens, and \$400,000 more may be issued if needed. The 1st and 2d mortgage bonds pay 3 per cent, 1879-81, 4 in 1881-83, 5 in 1883-85, and 6 afterward. Stock is \$2,500,000; stock scrip, \$830,000. Net earnings of main line in 1877-8, \$302,803. (V. 28, p. 18, 146, 221, 224, 276, 302, 332, 401, 536; V. 29, p. 277, 302, 322, 511.)
Indianapolis, Cincinnati & Lafayette.—The common stock is \$5,587,150 and preferred stock \$1,418,400. The company defaulted July, 1876, and Mr. Ingalls, President, was appointed receiver. To be sold and re-organized. Gross earnings 1878-9, \$1,342,701; net earnings, \$507,921. (V. 26, p. 265,

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625; V. 27, p. 172, 203, 354, 393; V. 28, p. 202, 401, 526; V. 29, p. 18, 95, 277, 301, 405, 432, 459, 535, 563, 600.)

Indianapolis, Decatur & Springfield—This embraces the former Indiana & Illinois Central. The 2d mortgage till July, 1881, has interest payable out of net earnings only if sufficient. Stock is \$500,000. Gross earnings, 1878, \$110,347; net, \$28,965. (V. 28, p. 271, 624; V. 30, p. 67.)

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. Belong to Penn. system, and leases the St. Louis A. & T. H. In 1877-8, net earnings were \$313,903; payment, \$68,590. (V. 26, p. 95, 614, 654; V. 27, p. 41, 409, 454, 603; V. 28, p. 377; V. 29, p. 95.)

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

International & Great Northern (Texas).—A consolidation of the International and the Houston & Great Northern. Receiver appointed April, 1878, and re-organization made, as per CHRONICLE, V. 27, p. 95, 331, and sale was made July 31 and Oct. 14, 1879, pursuant thereto. Net earnings, 1878, \$371,982. Land grant is about 5,000,000 acres, and is conveyed in the settlement to the 2d mortgage bondholders, in lieu of any other security. It is proposed to organize a land company. (V. 28, p. 351, 426; V. 29, p. 41, 120, 357, 459; V. 30, p. 91.)

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

Jacksonville, Pensacola & Mobile.—This road is mortgaged for a like amount of Florida State bonds, and is held by the State. (V. 23, p. 53, 256, 576; V. 24, p. 40, 204; V. 25, p. 212; V. 28, p. 576, 599.)

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

Jeffersonville, Madison & Indianapolis.—Leased Jan. 1, 1873, to Pennsylvania Company for interest and sinking fund of bonds, and 7 per cent a year on stock. Lease guaranteed by Penna. Railroad. In 1878, gross earnings were \$1,150,014; net earnings, \$422,988. (V. 26, p. 192; V. 28, p. 378.)

Jersey City & Albany.—This was sold in foreclosure and re-organized, 1878. (V. 29, p. 624; V. 29, p. 433, 511.)

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

Junction (Phil.).—Owned by connecting companies. Cost of road \$1,061,730; paid-up stock, \$250,000. Net earnings 1878, \$57,163. Dividends 14 per cent.

Kansas City, Fort Scott & Gulf.—The Mo. River Fort Scott & Gulf was sold in foreclosure Feb. 4, 1879; the 1st mortgage bondholders took new 7 per cents for 80 per cent of their bonds, and for all other claims stock was issued. Gross receipts in 1878, from road, \$833,835; net, \$115,567. (V. 28, p. 42, 146, 624; V. 29, p. 538.)

Kansas City Lawrence & S. W.—Reorganization of the Leavenworth Lawrence & Galveston Railroad. The bonds carry 4 per cent till 1882; 5 in 1882-3 and 6 after. (V. 28, p. 42, 351, 401, 623)

Kansas City, St. Joseph & Council Bluffs.—The above statement is made of the securities as issued since re-organization. In 1878 gross earnings were \$1,533,650, and net earnings \$448,059. (V. 26, p. 390; V. 28, p. 350, 599.)

Kansas Pacific.—Consolidated with Union Pacific and Denver Pacific Jan. 24, 1880. Scrip for coupons funded is about \$2,500,000. In 1878 gross earnings were \$3,610,224, and net earnings \$1,193,662, against \$1,367,777 in 1877. The land grant was in two tracts, 2,000,000 acres in the first, from the 1st to the 360th mile, and 3,000,000 acres in the second, from

380th mile westward. (V. 28, p. 18, 69, 121, 190, 275, 453, 477, 503, 578, 699, 624; V. 29, p. 67, 95, 196, 407, 424, 657; V. 30, p. 17, 93.)

Kentucky Central.—This was formerly Covington & Lexington. The company purchased the Mayville & Lexington road. In May, 1879, it paid a dividend of 3 per cent on preferred stock of \$300,000 and 1 per cent on common stock of \$450,000. Gross earnings 1878-9, \$553,289; net, \$208,750. (V. 24, p. 495; V. 26, p. 573.)

Keokuk & Des Moines.—The stock is \$1,524,000 8 p. c. pref. and \$2,600,400 com non—a majority held by lessee. Leased to Chic. Rk. I. & Pacific for 25 years from Oct. 1, 1878, on basis of 25 per cent of gross earnings with a guarantee of 40 cents on the bonds. Gross earnings, 1878-9, \$565,556; 1877-8, \$532,541. (V. 26, p. 470, 523, 546; V. 27, p. 254, 628.)

Knox & Lincoln.—In 1877 net earnings were \$48,943; in 1878, \$16,957. Interest is paid on bonds by cities and towns. Annual report for 1876, V. 22, p. 204.

Lake Erie & Western.—This is a consolidation made Dec. 12, 1879, and includes the Lafayette Bloom. & Muncie, and extends from Fremont, O., to Bloomington, Ill. (V. 29, p. 329, 407, 528, 631; V. 30, p. 17.)

Lake Shore & Michigan Southern.—The report for 1878 (V. 26, p. 473), showed surplus income, etc., interest, rentals, &c., \$2,774,578. For 1879 net profits above int. and rentals were \$3,557,000. The following shows a summary for the years named:

Summary table for Lake Shore & Michigan Southern for years 1876, 1877, and 1878, showing Miles, Gross earnings, Operat'g exp'es, Net earnings, Stock, and Total debt.

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Lawrence.—Leased to Pittsb., F. Wayne & Chic. at 40 per cent on gross earnings. Lease transferred to Pennsylv'a Company. Net earnings, 1878, \$103,263. Sinking fund has \$14,000 bonds. (V. 20, p. 425.)
Leavenworth Atch. & N. W.—Operated by Missouri Pacific.
Lehigh & Lackawanna.—Operated by Central of New Jersey as a coal road.
Lehigh Val.—This company's earnings are chiefly from anthracite coal. The gross income from all sources, in 1877-8, was \$6,186,021; net \$3,729,091. The Co.'s report gives no general balance sheet, nor the cost or value of its miscellaneous investments. Of the E. & Amboy mort., \$5,000,000 have been issued to L. V. Company. A comparative statement for three years is as follows:
1875-6. 1876-7. 1877-8.
*Coal (tons) moved... 3,951,513 4,362,124 3,445,616
Gross income... \$7,049,646 \$7,100,218 \$6,186,021
Operating expenses... 3,842,750 3,162,822 2,459,926
Net income... \$3,206,896 \$3,937,396 \$3,729,094
Capital stock... 27,228,920 27,228,855 27,228,855
Funded debt... 24,186,000 24,301,000 24,508,000
Floating debt... 460,208 635,813 696,833
* Anthracite. (V. 23, p. 95; V. 20, p. 91.)
Little Miami.—This company leases the Columbus & Xenia, and both are leased to Pittsburg, Cincinnati & St. Louis, guaranteed by Penn. RR., lessees assuming interest payment on bonds and 3 per cent on stock. Net earnings, 1878, (L. M. & C. & X) \$275,177. (V. 24, p. 420; V. 23, p. 378.)
Little Rock & Fort Smith.—Foreclosed Dec. 10, 1874. Re-organized and stock issued for old bonds. Coupons due July, 1877, and Jan., 1880, are funded into 3 per cent notes. Land grant about 1,000,000 acres. Land notes outstanding, \$335,201. Net receipts, 1877, \$114,283; in 1878, \$116,557. (V. 23, p. 401; V. 2, p. 17; V. 20, p. 17, 43.)
Little Schuylkill.—Leased and operated by Philadelphia & Reading. Dividends, 7 per cent.

Long Island.—Gross receipts, year ending Sept. 30, 1879, \$1,617,949; net earnings, \$338,259. This company leased the Flushing North Shore & Central, and the Southern of Long Island, and afterward went into Receiver's hands October, 1877. (V. 23, p. 17, 224, 453; V. 29, p. 197; V. 20, p. 65.)
Louisville, Cincinnati & Lexington.—Sold in foreclosure Oct. 1, '77, for \$731,000, to 2d mort. bondholders, subject to above liens. New co. organized with \$2,100,000 stock. (V. 25, p. 16, 335, 356, 433, 533; V. 27, p. 302; V. 23, p. 41, 599; V. 29, p. 147.)
Louisville & Nashville.—In 1878-9 gross earnings were \$4,514,348, and net \$1,917,185; interest charge, \$1,065,499. Nashville & Decatur is leased, and liabilities for the S. & N. Ala. are assumed. Purchased Evan's. Hend. & Nashv., May, 1879, and in January, 1880, bought controlling interest in stock of Nashville Chattanooga & St. Louis. (V. 28 p. 428, 477, 579, 600; V. 29, p. 41, 170, 359, 381, 405, 538, 601, 657; V. 30, p. 91.)
Louisville New Albany & Chicago.—The stock was placed on N. Y. Stock Exchange list Nov., 1879. (V. 29, p. 511, 657.)
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. Gross earnings, 1877-8, \$99,787; expenses, \$104,407. To be foreclosed. (V. 23, p. 579; V. 30, p. 17.)
Madison & Portage.—Stock \$394,300. Controlled by Chic. Mil. & St. Paul. Gross earnings, 1878, \$29,746. (V. 23, p. 459.)
Mahoning Coal.—This coal road runs from Andover, O., to Youngstown, O., and is leased to the Lake Shore & M. S. for 25 years from May, 1873, at 40 per cent of gross earnings.
Manchester & Lawrence.—Formerly operated with the Concord RR. as one line. Net earnings 1878-9, \$100,411, against \$100,458 in 1877-8. (V. 25, p. 39; V. 27, p. 60; V. 23, p. 598.)

Manhattan Elevated.—This company leases the two elevated roads and guarantees 10 per cent dividends on their stocks. (V. 23, p. 553, 579, 649; V. 29, p. 214, 407, 459, 511.)
Maine Central.—The total earnings for the year 1878 were \$1,440,961; operating expenses, \$40,704; net earnings, \$599,956, against \$650,693 in 1877. (V. 26, p. 341; V. 23, p. 325.)
Mansfield & Framingham.—Leased to Boston, Clinton & Fitchburg, at 25 per cent of gross earnings. Consolidation made June, 1875. (V. 20, p. 615.)
Marietta & Cincinnati.—Capital stock is \$14,000,000. Gross earnings for 1877-8 were \$1,545,733; net earnings, \$266,980. Default was made in 1877 and a receiver was appointed in suit to foreclose the 4th mortgage, which is nearly all held by Balt. & O. R. R. Co. For coupons overdue on each mortgage see V. 20, p. 41. (V. 23, p. 401, 452; V. 29, p. 170, 608; V. 28, p. 43.)
Marquette, Houghton & Ontonagon.—The stock is \$2,306,600 common, and \$2,259,026 preferred. Gross earnings, 1878, \$566,452; net, \$199,181. Lands amount to 425,000 acres, chiefly timber and mineral. (V. 23, p. 222.)
Memphis & Charleston.—This road was leased in June, 1877, to the E. Tenn. Va. & Ga. RR. Co., and lease modified Dec., 1879, with a guaranty of interest on bonds for three years. Of the new consol. mortgage \$1,400,000 is secured by old Tenn. State lien for \$1,728,906, assigned to a trustee, and enough is reserved to take up 1st and 2d mortgages. Net earnings year ending June 30, 1879, \$231,028, against \$307,030 in 1877-8. (V. 26, p. 115; V. 23, p. 221; V. 29, p. 18, 382, 603, 631.)
Memphis & Little Rock.—Sold April 28, 1877, and reorganized. Stock, \$1,500,000. Gross earnings, 1878, \$443,764; net, \$116,417. The land grant is about 1,000,000 acres. The general mortgage pays 8 per cent after 1882. (V. 29, p. 657.)

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Metropolitan (N. Y. City).—This is the elevated road formerly known as the "Gilbert." Is leased to Manhattan Railway Co. with guarantee of 10 per cent dividends. Gross earnings 1878-9, \$1,285,980; net, \$576,456. (V. 27, p. 143, 627; V. 28, p. 42, 112, 253, 27, 526, 55, 579; V. 29, p. 42, 407, 511, 631, 656.)

Missouri, Kansas & Texas.—Gross earnings 1878, \$2,931,681; net, \$471,958. Annual interest charge now is \$776,398. gold. The M. K. & T. bonds and U. P. S. B. bonds draw 5 per cent in 1879-81, but several coupons on the consolidated mortgage remain unpaid. Land grant is about 4,565,192 acres. In Jan., 1880, Jay Gould was elected president. (V. 27, p. 426, 514, 603, 653; V. 28, p. 144, 173, 298; V. 29, p. 119, 170, 278, 302, 358, 658; V. 30, p. 67.)

Morris & Essex.—Leased in perpetuity to the Delaware, Lackawanna & Western. The lessees assume all liabilities and pay 7 per cent on stock. Net earnings of the road in 1877-78, \$782,328. (V. 26, p. 191; V. 28, p. 451.)

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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 Jersey Midland.—To be sold under first mortgage. Net earnings 1878, \$122,406. (V. 23, p. 328, 554; V. 29, p. 52, 528, 670; V. 30 p. 9.)
New Jersey & New York.—Consolidation of the Hackensack & N. Y. and Hackensack Extension.

1878-9, \$2,238,439; net, \$1,068,150. (V. 26, p. 653; V. 27, p. 280, 400, 463; V. 28, p. 302, 526, 551, 579; V. 29, p. 407, 511, 630.)
V. Y. & Greenwood Lake.—Re-organization of old Montclair road sold in foreclosure. Road sold again Oct. 12, 1873. (V. 27, p. 16, 68, 95, 172, 192, 228, 232, 303, 357, 383, 431, 462, 539, 623, 652.)

New York New Haven & Hartford.—Net income over interest and all charges, 1878-9, \$1,561,634, against \$1,554,489 in 1877-8. (V. 27, p. 337; V. 28, p. 40; V. 29, p. 510; A. 30, p. 18.)
New York & Oswego Midland.—Foreclosure sale took place November 14, 1879. In vol. 30, on p. 92, is a statement of the various old bonds, stock, &c., which may come in under the plan of re-organization; amounts are approximately correct, as the old issues and claims were very numerous. (V. 23, p. 18, 42, 277, 302, 580, 625; V. 29, p. 147, 301, 330, 434, 489, 538, 581; V. 30, p. 43, 92.)

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

Northern of N. Jersey.—Operated by Erie at 35 per cent of gross earnings. Gross earnings in 1877 were \$233,438; in 1878 \$234,719. Bonds due in 1878 were paid or extended at 6 per cent interest. (V. 26, p. 600.)

outstanding as above. Net earnings 1873-9, \$45,801. (V. 26, p. 573; V. 23, p. 402, 623.)

In 1878 the net income over rentals, interest, &c., was \$1,515,516 and advances to railroads charged off \$473,044, leaving a profit of \$1,042,472. The registered bonds are secured by deposit of \$1,000,000 of Pittsburg & Chic. special stock. (V. 23, p. 261; V. 18, p. 50; V. 23, p. 118.)

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Given at length in V. 30, p. 61. 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 into income mortgage bonds. Bonds due 1880 will be extended 30 years, on payment of 10 per cent premium. A comparison of statistics for three years is as follows:

Table with 3 columns: Year (1876-7, 1877-8, 1878-9), 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 99 years to Philadelphia & Reading at 12 per cent on stock. Philadelphia, Wilmington & Baltimore.—Net earnings year ending Oct. 31, 1872, \$1,095,103, leaving a surplus income of \$28,112 above payment of all charges and 8 per cent dividends. (V. 26, p. 191; V. 28, p. 67.)

capital stock. Common stock, \$2,508,000; 1st pref., \$2,929,200; 2d pref., \$3,000,000. Gross earnings in 1878 of road proper \$3,176,370; net, \$1,186,763; surplus over interest, &c., \$371,383. Loss on leased line, &c., \$511,141; net deficit, \$131,757. (V. 27, p. 97, 200, 304, 409, 567, 629, 633; V. 28, p. 376; V. 29, p. 539.)

Portland & Rochester.—Interest in default, and receiver appointed in January, 1877. The report for 13 mos. to Sept. 30, 1878, shows gross earnings, \$149,157; expenses, \$118,816. (V. 25, p. 333; V. 28, p. 41, 625; V. 29, p. 42.)

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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.

Richmond, Fredericksburg & Potomac.—Gross earnings 1878-79, \$317,032; net earnings, \$155,056. (V. 27, p. 68, 85, 566; V. 29, p. 656.)
Richmond & Petersburg.—Gross earnings year ending Sept. 20, 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 \$600,000 towards its construction. (V. 2, p. 139.)
Rome, Watertown & Ogdensburg.—The last report shows gross earnings in 1878-9 of \$1,113,238; net, \$28,648, against \$340,224 in 1877-8. Default was made on coupons consol. bonds April, 1878. (V. 26, p. 334; V. 23, p. 276; V. 29, p. 68, 581.)
Rulland.—Common stock is \$2,480,000, and preferred \$4,000,000. Five per cent bonds were given in exchange for equipment bonds and 6 per cents for mortgage bonds. (V. 27, p. 121, 253, 384, 567; V. 28, p. 200; V. 29, p. 145.)
St. Joseph & Western.—The St. Jo. and Denver City was sold in foreclosure Nov., 1875, and reorganized. The stock is \$3,300,000. The land grant of 300,000 acres was put in hands of trustees, for the benefit of the holders of the old land scrip of \$2,250,000. The first coup. on K. & Neb. bonds is due July, 1881. In 1878 gross earnings were \$641,351; operating expenses and rentals, \$50,209. (V. 28, p. 351, 625; V. 29, p. 331; 670, V. 30, p. 93.)
St. Louis, Alton & Terre Haute.—The main line was leased June, 1887, for 99 years, to Indianap. & St. L. at 30 per cent of earnings (but \$450,000 a minimum). This was guaranteed by three other companies; see V. 26, p. 614, 634. In 1878, gross earnings were \$928,301, against \$953,570 in 1877. The Belleville Br. and Extension earned net in 1878, \$141,268. Coupons due August, 1879. On 2d mort. bonds were paid in January, 1879. (V. 26, p. 417, 614, 625, 651; V. 27, p. 17, 140, 437, 454, 483, 603, 673; V. 28, p. 476; V. 29, p. 436, 678.)
St. Louis Hannibal & Keokuk.—(V. 29, p. 539, 608.)
St. Louis, Iron Mountain & Southern.—Gross earnings, 1878, \$4,514,321; net, \$1,915,955. In

1875, the company failed to pay interest, but afterward compromised without foreclosure. (V. 26, p. 287, 242, 368, 625; V. 27, p. 358, 384, 409; V. 28, p. 43, 173, 302, 325; V. 29, p. 18.)
St. Louis & San Francisco.—This is the re-organization of the Atlantic & Pacific, sold in foreclosure Sept. 8, 1876. The stock authorized is—\$4,500,000 of 1st preferred; \$10,000,000 of pref.; \$9,500,000 of common. The land grant amounts to some 1,000,000 acres, and on about 300,000 acres bonds "B" are receivable in payment for lands. The interest on bonds "B" and "C" is 3 per cent for 1879-'80-'81, 4 for 1882, 5 for 1883, and 6 afterward. In 1878 gross earnings were \$1,301,651; net, \$503,517. Against \$739,136 in 1877. (V. 28, p. 253, 454, 495, 527, 555; V. 29, p. 145, 331, 383, 436, 440, 539, 583, 630, V. 30, p. 67.)
St. Louis & Southeastern.—Tennessee Div. sold April 9, 1879, and purchased by Louisv. & Nashv. RR. Kentucky Div. was sold July 19. Division north of Ohio river, to Nashv. Chatt. & St. Louis. Gross earnings of whole line 1877-8, \$1,162,196; net, \$272,558. (V. 23, p. 18, 351, 378; V. 29, p. 42, 96, 303, 631, 632; V. 30, p. 42.)
St. Louis, Vandalia & Terre Haute.—The com. stock is \$2,383,315; pref., \$1,451,700. This road is leased to Terre Haute & Indianapolis at 30 per cent of gross earnings. In 1878-9 the earnings were \$1,254,641. In 1877-8 the earnings were \$1,054,627. Bonds guaranteed by Terre Haute & Indiana, by Col., Chic. & Ind. Cent., and Pitts. Cin. & St. Louis. (V. 24, p. 110; V. 26, p. 165; V. 23, p. 119.)
St. Paul & Duluth.—This is the Lake Superior & Mississippi reorganized. Preferred stock is receivable for lands. Lands unsold, about 1,300,000 acres. Gross earnings, 1878-9, \$139,291; net, \$87,018. (V. 29, p. 68, 118, 436; V. 31, p. 58.)
St. Paul Minneapolis & Manitoba.—St. Paul & Pac. fic. First Div. sold in foreclosure in June, 1879, and reorganized. (V. 29, p. 200, 354, 493, 555, 580, 616; V. 29, p. 147, 226, 331, 460, 483, 513, 558; V. 30, p. 67.)
St. Paul & Sioux City.—This company has about

550,000 acres of land unsold. In Aug., 1879, purchased Sioux City & St. Paul and issued new mortgage. See V. 29, p. 226, 303, 331. (V. 26, p. 548; V. 27, p. 171; V. 28, p. 171; V. 29, p. 226, 303, 331, 383, 436, 459, 483, 513, 539.)
Saginaw Valley & St. Louis.—Has a traffic guarantee by Michigan Central. Net earnings, 1877, \$37,518; in 1878, \$51,967. (V. 27, p. 304; V. 29, p. 96.)
Sandusky, Mansfield & Newark.—This road is leased to the Central Ohio, and the lease guaranteed by Baltimore & Ohio. (V. 26, p. 290.)
Savannah & Charleston.—Road in hands of receiver and decree of sale made.
Savannah & Memphis.—Defaulted after the crisis of 1873. Net earnings, 1877-8, \$7,357.
Schenecady & Duaneburg.—Capital stock is owned by the D. & H. Canal Co., which runs the road.
Schuykill Valley.—Leased to Philadelphia & Reading, with 5 per cent dividends.
Scioto Valley.—This new road, from Columbus to Portsmouth, reports gross earnings of \$282,153 in 1878, and net earnings of \$125,877. (V. 27, p. 653; V. 28, p. 525.)
Seaboard & Roanoke.—Net earnings year ending March 1, 1879, \$188,355. Of the stock, \$200,000 is guaranteed.
Selma & Gulf.—Sold in foreclosure Sept. 22, 1879. (V. 27, p. 304; V. 29, p. 162, 331, 483.)
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, 1861, to Northern Central, at 7 per cent on bonds and 6 per cent on stock.
Shenandoah & Alleghany.—Defaulted 1873. Gross earnings, 1878, \$99,151; net, \$20,072. (V. 24, p. 192, 345; V. 26, p. 521; V. 28, p. 467.)
Shenandoah & Alleghany.—Leased to Atlantic & Great Western, and "rental trust bonds" issued. Defaulted on interest Oct., 1879. (V. 29, p. 408.)
Shore Line.—Leased to New York & New Haven at \$100,000 per year. Gross earnings, 1874-7, \$342,374, net \$49,859; gross earnings, 1877-8, \$317,978; net profit to lessee, \$1,539. (V. 24, p. 63; V. 28, p. 40.)

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Stour City & Pacific.—Div. of 3/4 on pref. stock paid October 1, 1879. (V. 27, p. 96, 253, 374)
Sourcet.—This road is leased to Maine Central.
South Carolina.—Receiver appointed Sept., 1877.
Cross earnings Oct. 1 to April 1, 1878 9, \$649,353; operating expenses, \$310,000; net earnings, \$339,353. A proposal is made for re-organization without foreclosure. (V. 23, p. 555, 570; V. 29, p. 632; V. 30, p. 43.)
South & North Alabama.—Operated by Louisv. & Macky, which holds a majority of the stock, and guarantees the bonds and holds \$1,000,000 of 2d mortg. bonds. Pref. stock, \$2,000,000.
Southern of Long Island.—Sold in foreclosure of 2d mort., and subject to 1st mort., June 3, 1879. Re-organized as Brooklyn & Montauk. (V. 27, p. 85; V. 23, p. 530; V. 29, p. 19, 66, 632.)
Southern Central.—Forms an extension into New York State for Lehigh Valley, which company encloses \$400,000 of second mortgage bonds. Net earnings in 1878-9, \$102,182; in 1878, \$142,906. (V. 21, p. 629.)
South Iowa & Cedar Rapids.—In progress. Ot- tawa to Cedar Rapids, Ia.
Southern Minnesota.—Sold under 2d mortgage and re-organized March, 1877. There are yet out \$220,000 of 1st mort. 7s (pink), due 1884. Land grant is about 6,39,000 acres. Net earnings in 1878, \$311,152, against \$296,666 in 1877. (V. 27, p. 67, 358, 515; V. 21, p. 451; V. 29, p. 383, 460.)
Southern Pacific (Cal.).—This road is leased to Central Pacific. The bonds are in series A, B, C and D, of which "A" includes \$15,000,000. Proceeds of land sales go to pay bonds. The land grant is 12,830 acres per mile. The stock paid in is \$36,762,903. In 1878 the gross earnings were \$4,327,086 and net earn- ings, \$2,155,704. (V. 27, p. 321, 409; V. 30, p. 93.)
Southern Pennsylvania.—Re-organized in 1872 after foreclosure under 2d mortgage. The road is leased by Cumberland Valley.
Southwestern Georgia.—Leased to Central Georgia. Dividends a year to every 10 per cent on Central Georgia stock, but 7 per year guaranteed. "Tri- ple" bonds issued; see Central Georgia.
Staten Island.—Local road. Earnings, 1877-8, \$253,011 gross, and \$47,234 net.
Sterling Mountain.—Cost of road and equipment, \$502,468. Net earnings 1872-3, \$15,673.
Stockton & Copperopolis.—Defaulted July, 1874, and old bonds of \$1,000,000 exchanged for present. (V. 21, p. 159, 160, 316.)
Syracuse, Binghamton & New York.—Operated by Del. L. & W., and bonds guar. by that Co. Net earnings, 1877-8, \$179,099. (V. 26, p. 316; V. 27, p. 568.)
Summit Branch.—This is a coal road, and leases Lykens Valley. Net earnings in 1878, \$12,972 (V. 25, p. 113.)
Terre Haute & Indianap.—Net earnings in 1875-6, \$355,955; in 1876-7, \$344,403; in 1877-8, \$366,666. Leases St. L. Van. & T. H. at 30 p.c. gross earnings.
Terre Haute & Logansport.—This is the Logans- port Crawfordsville & S. W., sold in foreclosure Sept., 1879, and re-organized. (V. 29, p. 116, 252, 277, 459.)
Texas & New Orleans of 1874.—The company has a l'd gr. of 875,000 acres timber and agricultural lands.
Texas & Pacific.—Extension to the Pacific Coast undertaken by a contraction company. Gross earnings, 1878-9, \$2,135,143; net, \$738,630, against \$882,871 in 1877-8. Of old land bonds \$773,000 are yet out, and \$131,915 coupons. The Rio Grande div. bonds were sold at 90, with \$600 stock to each \$1,000 bond. (V. 29, p. 171, 299, 358, 564, 621, 632, 650; V. 30, p. 17, 43.)
Texas Western.—This narrow-gauge road is in progress. (See V. 23, p. 49, 152, 526.)
Toledo, Peoria & Warsaw.—Passed into receiver's hands Feb., 1874. Sold in foreclosure Jan. 20, 1880. (V. 28, p. 69, 429; V. 29, p. 68, 383, 408, 539, 608, 632; V. 30, p. 93.)
Troy & Boston.—With leased roads forms a line from Troy, N. Y., to North Adams, Mass. In 1877-78, gross earnings were \$560,343; net, \$274,747. There are \$119,000 of old 1st and 2d mortgage bonds yet outstanding. (V. 23, p. 119.)
Troy Union.—A short road in Troy city. Bonds issued by city and guaranteed by several roads.

Union Pacific.—In Jan., 1880, consolidated with Kansas Pacific and Denver Pacific on basis of stock of each company unchanged. Land sales during 1878, 318,903 acres, for \$1,557,082. Land contracts outstanding and cash, January 1, 1879, \$4,184,214. Land sales Jan. 1 to Nov. 1, 18 9, 220,781 ac r e, for \$9,688,31. (V. 23, p. 41, 70, 121, 147, 200, 252, 322, 429, 477, 495, 555; V. 29, p. 434, 513, 653; V. 30, p. 93.)
Union Pacific Central Branch.—Formerly the Atchison & Pike's Peak. Interest in default since November, 1873. Gross earnings 1875-76, \$114,414; expenses, \$131,500. (V. 27, p. 96, 253, 274, 539; V. 23, p. 454, 477, 553; V. 29, p. 95, 352.)
United New Jersey Railroad & Canal Companies.— Leased to Pennsylvania Railroad, October 20, 1871, at 10 per cent on stock and assumption of all li- abilities. In 1877 the gross earnings were \$8,960,696; net income, \$2,954,521, leaving a deficit for lessees of \$1,433,118 after paying interest and dividends. (V. 24, p. 516; V. 25, p. 349, 433, 458, 476; V. 26, p. 215, 391.)
Utah Central.—Salt Lake to Ogden. In year end- ing April 30, 1879, net earnings were \$223,725, and dividends amounting to 11 per cent were paid.
Utah Northern.—Built by the Union Pacific interest.
Utah & Pleasant Valley.—See V. 29, p. 539.
Utah Southern.—Gross earnings 1878, \$247,725; net, \$117,534. Stock is \$1,500,000.
Utica & Black River.—Gross earnings, 1878-9, \$475,506; net, \$184,917 (V. 26, p. 141; V. 27, p. 124; V. 28, p. 96; V. 29, p. 536.)
Utica Chenango & Susquehanna Valley.—Road is leased to Del Lack. & West. Railroad at 6 per cent per annum on stock. Net earnings 1877-8, \$132,050.
Valley (Va.).—This road was built chiefly by sub- scription of Balt. & Ohio RR., Baltimore city, and Virginia counties. (V. 22, p. 463, 559, 591, 607.)
Vermont & Canada.—Under lease to Vermont Central. (V. 29, p. 460.)

Jan. 1, 1898
Jan. 1, 1898
July, 1891
May, 1871
1878 to '88
1878 to '88
Oct. 1, 1902
April, 1891
1880 and 1892
Jan. 1, 1890
.....
Mar. 1, 1887
Aug. 1, 1899
Mar. 1, 1882
May 1, 1900
.....
1888
April 1, 1905
Mar. 1, 1900
Dec. 20, 1879
1886
Jan. 1, 1897
.....
1885
January, 1905
August, 1879
June, 1887
Oct. 1, 1906
Aug. 16, 1876
Jan. 1, 1904
Feb. 2, 1880
July, 1879
1893
Aug. 1, 1905
March 1, 1905
June 1, 1905
Jan. 1, 1915
.....
Feb. 1, 1896
Dec. 1, 1894
April 1, 1896
May 2, 1910
June 1, 1901
Feb. 2, 1880
1894
1882
.....
Jan. 1, 1880
1896 to 1899
.....
Mch. 1, 1894
1887
April, 1896
May 1, 1895
1896, '97, '98
Jan. 10, 1880
Mch. 1, 1901
Oct. 1, 1894
Mch. 1, 1894
Mch. 1, 1894
Feb. 1, 1888
1880
Feb. 1, 1883
Jan. 1, 1889
Nov. 1, 1889
Overdue.
12 p. c., 1878-9
Jan. 1, 1890
July 1, 1908
.....
July 1, 1891
(?)
July, 1878
July, 1891
May 1, 1879
June 1, 1872
July 1, 1891
.....
Jan. 1, 1891

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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.								
Vermont Central—1st mortgage, consolidated	1866	1866	\$100 &c.	\$3,000,000	7	M. & N.	Boston, Nat. Bk of Redm	Nov. 1, 1886
2d mortgage, consolidated	1866	1866	100 &c.	1,500,000	7	J. & D.	do do	1891
Equipment loans	1866-9	1866-9	500 &c.	1,500,000	8	M. & N.	do do	1876 to 1889
Stanstead, S. & Chambly bonds	1867	1867	100 &c.	444,100	7	J. & J.	do do	Jan. 1, 1887
Income and extension bonds (to pay float'g debt)	1872	1872	1,000	1,508,800	8	M. & N.	do do	1902
Vermont & Massachusetts—Stock	80	1865	100	2,860,000	3	A. & O.	Boston, Office.	Oct. 7, 1879
1st mortgage (sinking fund \$7,000 per year)	77	1865	100 &c.	550,000	6	J. & J.	do do	July 1, 1883
Convertible bonds	1872	1872	1,000	150,000	7	J. & J.	do do	July 1, 1885
Vicksburg & Meridian—1st series (red endorsed)	140	1866	500 &c.	703,500	7	J. & J.	Phila., Girard Nat. B'k.	Jan. 1, 1890
2d series (blue endorsed)	140	1866	1,000	850,000	7	J. & J.	do do	Jan. 1, 1890
3d do (black endorsed)	140	1866	1,000	145,000	7	J. & J.	do do	Jan. 1, 1890
4th do (not endorsed)	140	1866	100 &c.	1,180,600	7	A. & O.	do do	Jan. 1, 1890
Special loan, funding mortgage	1871	1871	100 &c.	217,400	8	J. & J.	do do	1880
Wabash St. Louis & Pacific—Stock, common	1,550	1865	100	20,000,000	.....	.....	.....	.....
Preferred stock, 7 per cent, (not cumulative)	1,550	1865	100	20,000,000	.....	.....	.....	.....
Wabash, 1st mort. (Toledo & Illinois)	75	1853	1,000	900,000	7	F. & A.	N. Y., Metropolitan B'k.	Aug. 1, 1890
do 1st mort. (Lake Erie, Wab. & St. L.)	167	1853	1,000	2,500,000	7	F. & A.	do do	Aug. 1, 1890
do 1st mort. (Great Western of 1859)	180	1863	1,000	2,495,000	7	F. & A.	do do	Aug., 1888
do 1st mort. (Quincy & Toledo)	33	1865	1,000	500,000	7	M. & N.	do do	Nov. 1, 1890
do 1st mort. (Illinois & Southern Iowa)	29	1862	1,000	300,000	7	F. & A.	do do	Aug. 1, 1882
do 2d mortgage (Toledo & Wabash)	75	1858	250 &c.	1,000,000	7	M. & N.	do do	Nov. 1, 1878
do 2d mortgage (Wabash & Western)	167	1858	100 &c.	1,500,000	7	M. & N.	do do	Nov. 1, 1878
do 2d mortgage (Great West. of 1859)	180	1859	1,000	2,500,000	7	M. & N.	do do	May 1, 1893
do Consol. M., (on all but Dec. & E. St. L.)	490	1867	1,000	2,610,000	7	Q.—F.	do do	Feb., 1907
do 1st mort., (Decatur & E. St. Louis)	109	1869	1,000	2,700,000	7	F. & A.	do do	Aug., 1889
do Funded debt bds (sec. by dep'sit of coups.)	1877	1877	500 &c.	2,942,450	4 to 6 & 7	F. & A.	do do	Feb. 1, 1907
do New M., gold, s. f. \$25,000 after '82	1879	1879	1,000	1,000,000	7 g.	A. & O.	do do	April 1, 1909
St. L. K. C. & No., 1st mort. (North Missouri)	354	1865	1,000	6,000,000	7	J. & J.	N. Y., Nat Bk of Com'roe	July 1, 1895
do real estate & railway 2d mort.	354	1874	1,000	2,993,000	7	M. & S.	do do	Sept. 1, 1904
do 1st & 2d M. on St. Char. Bridge, coup. or rg	1878	1878	1,000	1,388,500	7 g.	A. & O.	do do	Oct. 1, 1908
do 1st m., Omaha Div., gld, s. l., coup. or rg	146	1879	1,000	2,350,000	7 g.	A. & O.	do do	April 1, 1919
Warren (N. J.)—Stock	18	1855	100	1,800,000	3 1/2	A. & O.	N. Y., Del., L. & W. RR.	Oct., 1879
2d mortgage	18	1870	.....	750,000	7	A. & O.	do do	1900
1st consol. mortgage	18	1875	.....	600,000	7	M. & S.	do do	1905
Washington City, Va. Mid. & Gt. Southern—Stock	310	1871	100	2,692,539	.....	.....	.....	.....
1st mortgage, O. & A., and funded interest	.....	.....	.....	525,070	6	M. & N.	Balt., R. Garrett & Sons	Nov. 1, 1866
2d mortgage, O. & A., do do	.....	1855	.....	1,657,652	6	J. & J.	do do	Jan. 1, 1875
3d mortgage, O. & A., do do	.....	1858	.....	317,800	8	M. & N.	do do	May 1, 1873
4th mortgage, O. & A., do do	.....	1860	.....	1,200,000	8	M. & S.	do do	Sept. 1, 1880
1st mortgage, O. A. & M. RR.	.....	1867	.....	1,650,000	7	J. & J.	do do	July 1, 1880
2d mortgage, O. A. & M. RR.	.....	.....	.....	133,050	7	J. & J.	do do	July 1, 1882
Gen. mort., gold, Wash. C., Va. Mid. & Gt. South'n	336	1873	.....	1,000,000	7 g.	M. & N.	do do	May 1, 1903
Lynchburg & Danville, 1st mort., guar., coup.	65 1/2	1871	500 &c.	1,310,000	6	A. & O.	do do	April 1, 1896
Westchester & Philadelphia—Preferred stock	.....	.....	.....	821,300	2	J. & J.	Philadelphia, Office.	Jan. 10, 1880
1st mortgage, new	27	1871	100 &c.	1,100,000	7	A. & O.	do do	April 1, 1891
West Jersey—Stock	128	.....	50	1,359,750	2	F. & A.	Phila., Pa. RR. Co. Office	Nov. 17, 1879
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	.....	.....	.....
Western & Atlantic (Ga.)—Income bonds	138	1873	1,000	736,000	10	Q.—J.	Atlanta, Co.'s Office.	Oct. '79 to '91
Western (Ala.)—1st mortgage (Mont. & W. P.)	116	1866	.....	300,000	8	J. & J.	New York & Savannah.	July, 1881
Western RR. bonds, before consolidation	44	1868	.....	600,000	8	A. & O.	do do	Oct. 1, 1888
2d mort., guar. by Cent. of Ga. and Ga. RR. & B. Co.	160	1870	.....	1,200,000	8	A. & O.	do do	Oct. 1, 1890
Western Maryland—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, endorsed by Baltimore	90	1870	1,000	875,000	6	J. & J.	do do	Jan., 1900
4th do endorsed by Baltimore	90	1872	.....	1,000,000	6	J. & J.	do do	Jan., 1902
Western Pennsylvania—1st mortgage	57	1863	500 &c.	800,000	6	A. & O.	Philadelphia, Office.	April 1, 1893
1st mortgage, Pittsburgh Branch	28	1865	100 &c.	1,000,000	6	J. & J.	do do	Jan. 1, 1896
General mortgage	.....	.....	.....	1,200,000	7	A. & O.	do do	Oct. 1, 1901
Williamston & Tarboro—1st mortgage	4	1870	.....	350,000	8	M. & N.	New York, J. M. Pickrell	May 1, 1900
Wilmington, Columbia & Augusta—1st mortgage	188	1870	500 &c.	3,200,000	7	J. & D.	Balt., Safe Deposit Co.	June, 1900
Income bonds	.....	.....	.....	600,000	.....	.....	.....	.....
Wilmington & Weldon—Stock	179	.....	100	1,456,200	3	J. & D.	.....	Nov. 22, 1879
Sterling bonds	179	.....	.....	648,700	8 g.	J. & J.	London.	1881
do do	.....	.....	.....	221,400	7 g.	M. & N.	do	1886
Sinking fund bonds, gold	.....	.....	.....	749,000	7 g.	J. & J.	N. Y., Bost., Lond., Frank	1896
Wisconsin Central—1st mortgage, gold, land grant	327	1871	.....	8,168,000	7 g.	J. & J.	Boston, Office.	July 1, 1901
Wisconsin Valley—New mortgage bonds	90	1879	500	1,075,000	7	.....	Boston.	.....
Worcester & Nashua—Stock	94	.....	100	1,789,800	2	J. & J.	Worcester, Office.	July 1, 1876
Bonds	.....	.....	.....	350,000	5	Various	do do	1881 & 1887
Bonds	.....	1873	.....	250,000	5	A. & O.	Bost., Globe Nat. Bank.	April 1, 1893
Bonds	.....	1875	.....	400,000	5	F. & A.	do do	Feb. 1, 1895
Nashua & Rochester—Stock	48	.....	.....	1,185,000	1 1/2	A. & O.	Worcester, Office.	Oct., 1879
do do 1st m., guar. (for \$700,000)	48	1874	500 &c.	700,000	5	A. & O.	Bost., Globe Nat. Bank.	April 1, 1894

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, 589; 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 1898, and 6 per cent for the remainder of the lease, exclusive of all taxes.

Vicksburg & Meridian.—Net earnings 1878-9, \$70,314, against \$123,364 in 1877-8. The only coupons paid since April, 1876, were those maturing January, 1878, and the special loan coupons of January, 1877. (V. 27, p. 67; V. 29, p. 95.)

Wabash St. Louis & Pacific.—Wabash was consolidated with St. Louis Kansas City & Northern, Nov., 1879. Preferred stock of the new company was issued for preferred stock of the St. L. K. C. & N., and for one-half of Wabash stock; common stock of new company was issued for the St. L. K. C. & N. common and for one-half of Wabash stock. Of the Wabash funded debt bonds, \$1,953,253 carry 5 per cent in 1879-80 and 6 per cent thereafter; the balance are 7 per cents. There is also the "Seney" mortgage of \$820,000, payable \$200,000 yearly. (V. 28, p. 220, 224, 350, 354, 402, 429, 495, 554, 600, 617; V. 29, p. 19, 42, 84, 121, 171; V. 29, p. 226, 403, 460, 513.) The St. Louis Kansas City & Northern gross earnings in 1873 were \$3,321,495; net, \$1,347,500. First mortgage on St. Charles Bridge is for \$1,000,000, and is 7 per cent for 3 years and 8 per cent for 27 years. Omaha Div. completed Oct., 1879. (V. 28, p. 68, 288, 471; V. 27, p. 332, 483, 515; V. 28, p. 200, 253, 275, 299; V. 29, p. 19, 42, 121, 147, 278, 408, 553.)

Warren (N. J.).—Leased to Delaware Lackawanna & Western at 7 per cent on stock and bonds. Net earnings in 1878, \$183,137.

Washington City, Virginia Midland & Great Southern.—Gross earnings year ending Sept. 30, 1878, \$1,218,017; expenses, \$803,030; net earnings, \$415,117. The company has been assisted by Balt. & O. The president, Mr. John S. Barbour, was appointed receiver in July, 1876. Interest in default, but receiver ordered to make certain payments. Full statement of liabilities and condition of litigation in V. 23, p. 70. (V. 27, p. 332, 437; V. 28, p. 70, 147, 555; V. 29, p. 19, 68, 96, 303, 331, 383.)

Westchester & Philadelphia.—Gross earnings, 1877-78, \$312,436; net, \$146,127. (V. 22, p. 304; V. 24, p. 62; V. 26, p. 116.)

West Jersey.—Gross earnings, 1878, \$503,233; expenses, \$305,826; net, \$197,456. Net profit above interest and rentals, \$8,241. (V. 24, p. 249; V. 26, p. 263.)

Western & Atlantic.—This road is owned by State of Georgia, and leased at \$300,000 per annum. Lessees have issued the income bonds. (V. 29, p. 489.)

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

Western Maryland.—This company was largely assisted by the city of Baltimore. Proposition to bondholders, V. 23, p. 121. Adjustment of bonded interest was made as per annual report for last fiscal year, to Sept. 30, 1879, which showed gross receipts, \$317,412; expenses, \$274,347; net receipts, \$43,065. (V. 27, p. 406, 678; V. 23, p. 97, 121, 147, 454; V. 29, p. 458.)

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 1878, \$231,175. (V. 22, p. 206.)

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

Wilmington Columbia & Augusta.—Road was sold in foreclosure, October, 1879, for \$860,500, and reorganization is in progress on basis of \$960,000 stock and \$1,600,000 bonds. Each holder of \$2,000 old bonds to receive \$1,000 new and six shares stock. (V. 29, p. 351; V. 30, p. 84.)

Wilmington & Weldon.—Formerly leased to Wilmington, Columbia & Augusta road, but in Dec., 1877, default was made by lessee and property reverted. In 1877-8 gross receipts were \$457,815; net, \$175,645. (V. 26, p. 68, 420, 496; V. 28, p. 44 144.)

Wisconsin Central.—Of the above bonds, \$1,091,500 are "unfunded" bearing coupons of July, 1875, and since; \$3,594,000 have funded nine coupons, including July, 1879; \$3,481,500 are "clipped" bonds, first coupon due Jan., 1881; \$15,000 are partially "clipped" bonds, issued by mistake, with coupon of July, 1880, on. In year ending Sept. 30, 1876, net earnings, \$297,733. Paid rent of Mil. & Northern RR., leased, \$167,404. Land grant is over 800,000 acres. The Philips & Colby Construction Company operating this road became embarrassed in Dec. 1877. Foreclosure suit begun September, 1878. Trustees took possession Jan., 1879, and it is proposed to reorganize without a sale. (V. 28, p. 18; V. 27, p. 358, 375, 490; V. 23, p. 18, 70; V. 29, p. 147, 303.)

Wisconsin Valley.—This company has been reorganized, and has \$1,400,000 pref. stock and \$600,000 of common. (V. 29, p. 452, 513.)

Worcester & Nashua.—Guarantees the stock and bonds of Nashua & Rochester, leased. Interest to be reduced to 5 per cent. For year ending September 30, 1878, net income was \$23,060. (V. 25, p. 430; V. 27, p. 557; V. 28, p. 378; V. 29, p. 65, 539.)

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

DESCRIPTION.	Date of Bonds.	Size or par Value.	Amount outstanding.	INTEREST.			Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate.	When Pay'ble	Where Payable, and by Whom.	
For explanation of column headings, &c., see notes at the head of first page of tables.							
Adams Express Company—Stock.....	.....	\$100	\$12,000,000	2	Q—M.	N. Y., Company's Office.	Dec. 1, 1879
American Express—Stock.....	.....	100	18,000,000	2	J. & J.	N. Y., Company's Office.	Jan. 2, 1880
American Coal (Maryland)—Stock.....	.....	25	1,500,000	2½	M. & S.	New York, Office.	Sept. 10, 1877
American Union Telegraph—Stock.....	.....	.....	(?)	.....	.....	.....	.....
Atlantic & Pacific Telegraph—Stock.....	.....	100	15,000,000	¾ & ¼ ex	Q.—J.	New York.	Dec. 30, 1879
Boston Land Co.—Stock.....	.....	10	800,000	.....	.....	.....	.....
Boston Water Power.....	.....	50	4,000,000	10 s.	.....	Boston, Office.	Nov. 12, 1872
Mortgage bonds (for \$2,800,000).....	1874	1,000	1,948,000	7	J. & D.	do	June, 1884
Canton Improvement Company—Stock.....	.....	16¼	717,875	.....	.....	.....	.....
Sterling bonds (sink.f'd one-fifth of land sales)	1873	£200	575,000	6 g.	J. & J.	London, Brown S. & Co.	Jan. 1, 1904
Mortgage bonds, gold, sixes (for \$2,500,000)	1874	1,000	1,073,000	6 g.	J. & J.	New York or London.	Jan. 1, 1904
Un. 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'nts on \$144,800)	.....	500 &c.	600,000	6 g.	M. & N.	London.	1900
Consolidation Coal of Maryland—Stock.....	.....	100	10,250,000	2½	M. & S.	N.Y., Co.'s Office, 71 B'y.	Jan. 2, 1877
1st mortgage (convertible).....	1864	1,000	387,000	7	J. & J.	do do	Jan., 1885
1st mortgage, consolidated, convertible.....	1872	1,000	753,000	6	J. & J.	do do	Jan. 1, 1897
Cumberland Coal & Iron Company—Stock.....	.....	100	500,000	6	A. & O.	New York, Office.	Oct. 15, 1875
Dunleith & Dubuque Bridge—Bonds, sink. fund	1868	1,000	400,000	8	M. & N.	N. Y., at Ill. Cent. R. R.	Nov., 1893
Excelsior Water & Mining Co.—Stock.....	.....	100	10,000,000	.....	.....	.....	.....
Iowa RR. Land Co.—Stock.....	.....	100	7,620,000	1	Q.—F.	Boston, Treasurer's Office.	Feb. 1, 1880
Mariposa Land & Mining Company—Stock.....	.....	100	10,000,000	.....	.....	.....	.....
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
New Central Coal—Stock.....	.....	.....	.....	.....	.....	.....	.....
Ontario Silver Mining—Stock.....	.....	100	10,000,000	.....	.....	St. Louis.	.....
Oregon Railway & Navigation Co.—Stock.....	.....	100	4,455,300	2	Q.—F.	New York.	Feb. 15, 1880
Mortgage bonds, gold.....	1879	1,000	4,795,006	6 g.	J. & J.	N.Y., Farmers' L. & Tr. Co.	July 1, 1909
Pacific Mail Steamship Company—Stock.....	.....	100	20,000,000	3	.....	.....	Sept., 1868
Pennsylvania Coal—Stock.....	.....	50	5,000,000	3	Q.—F.	N. Y., 111 Broadway.	Nov., 1879
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, 1879
Bonds, 2d series.....	.....	.....	328,000	8	M. & N.	do do	May 15, 1881
Bonds, 3d series.....	.....	.....	445,000	8	F. & A.	do do	Feb. 15, 1887
Bonds, 4th series.....	.....	.....	820,000	8	Q.—F.	do do	Aug. 15, 1892
Bonds, debenture.....	1878	.....	199,000	7	A. & O.	do do	Oct. 15, 1889
Bonds, sterling debenture, convertible.....	1875	£100	218,000	7 g.	A. & O.	London, J. S. Morgan & Co.	April 1, 1885
Quicksilver Mining Company—Common stock..	.....	100	5,708,700	.....	.....	.....	.....
Preferred stock.....	.....	100	4,291,300	.....	.....	.....	.....
Southern & Atlantic Tel.—Guaranteed stock.....	.....	25	948,000	2½	A. & O.	N.Y., West. Union Tel.	Oct., 1879
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, 1879
St. Louis Bridge—1st mortgage, new, s. f.	1878	1,000	5,000,000	7	A. & O.	New York and London.	April 1, 1928
Tunnel RR. of St. Louis, stock.....	.....	.....	1,250,000	2	.....	.....	Nov. 17, 1879
Sutro Tunnel—Stock.....	.....	10	18,920,000	.....	.....	.....	.....
Mortgage bonds (for \$2,000,000).....	1879	.....	600,000	.....	.....	London.	Jan. 1, 1891
United States Express—Stock.....	.....	100	7,000,000	2	.....	New York, Office.	Aug. 15, 1879
United States Rolling Stock—Stock.....	.....	.....	5,000,000	2	M. & S.	New York and London.	Mar. 1, 1879
Wells, Fargo & Company Express—Stock.....	.....	100	6,250,000	4	J. & J.	New York, Office.	Jan. 15, 1886
Western Union Telegraph—Stock.....	.....	100	41,050,000	1½ & 1 ex	Q.—J.	New York, Office.	Jan. 15, 1880
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 list of Dinsmore and others in V. 19, p. 270.
American Coal.—There are mortgage bonds for \$114,300. The report for 1875 showed gross receipts, \$311,570; net deficit for year \$3,503.
American Union Telegraph Co.—V. 29, p. 17, 461, 630; V. 30, p. 66, 90.
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. 26, p. 304, 426, 469, 521; V. 27, p. 280, 627; V. 28, p. 452.)
Boston Land Co.—Stock placed on N. Y. Stock Exchange Nov., 1879. See V. 29, p. 510, 537; V. 30, p. 90.
Boston Water Power Co.—Statement of assets, &c., in V. 29, p. 432. (V. 27, p. 121; V. 29, p. 119, 432.)
Canton Improvement Co.—The annual report for year ending May 31, 1879, is in V. 29, p. 65. Of the \$2,500,000 mortgage \$600,000 is reserved to pay sterling loan. The Company owns the stock of the Union Railroad Company and guarantees its bonds. (V. 27, p. 14; V. 24, p. 65.)
Consolidation Coal.—Annual report for 1878 in V. 28, p. 301, showing gross receipts, \$1,563,503; expenses, \$1,209,283; net, \$354,220. Consol. mortgage bonds are held to retire old bonds. Guarantees also bonds of the Cumberland & Penn., and assumes \$135,000 Un. Mining Co. bonds. (V. 26, p. 262; V. 28, p. 301.)
Excelsior Water & Mining Co.—Stock placed on

N. Y. Stock Exch. list Nov., 1879. See V. 29, p. 511.
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 \$62,932. The cash collections were \$772,665, 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.
New Central Coal.—Net earnings in 1878, \$104,494. (V. 29, p. 536.)
Oregon Railway & Navigation Co.—Stock and bonds placed on N. Y. Stock Exchange list Nov., 1879. (V. 29, p. 512.)
Pacific Mail Steamship Co.—Report for 1878-9, V. 28, p. 552. (V. 26, p. 217, 523, 547, 625, 653; V. 27, p. 68, 229, 384, 623, 653; V. 28, p. 42, 97, 402, 552, 554, 550; V. 29, p. 512.)
Pennsylvania Coal.—Liabilities at a minimum and dividends are paid.
Pennsylvania Anthracite Coal.—Stock and bonds admitted to N. Y. Stock Board Feb., 1877. Company failed February, 1879. (V. 24, p. 112.)
Pullman Palace Car Company.—Annual report V. 29, p. 329. The sterling bonds of 1875, of which the whole issue authorized is \$1,000,000, are convertible into stock till April 1, 1881. (V. 26, p. 217; V. 27, p. 302; V. 28, p. 200; V. 29, p. 329.)

Quicksilver Mining Company.—Bonds paid off July, 1879. Validity of preferred stock sustained by N. Y. Court of Appeals. (V. 27, p. 228; V. 29, p. 302.)
Spring Mountain Coal Company.—This is guaranteed 7 per cent per year till 1885 by Lehigh Valley RR.
St. Louis Bridge.—Net income, 1876-77, \$219,777; 1877-78, \$219,598; 1878-9, \$269,697. The railroad and tunnel were sold under the mortgage of 1873, July 1, 1878, for \$150,000. Foreclosure under the first and second mortgages on the Bridge was made Dec. 20, 1878. The above mortgage and \$7,990,000 in stock are issued under the re-organization. Of the stock \$2,490,000 is first preferred, \$3,000,000 2d pref., and \$2,500,000 common. The coupons due Oct., '78, '79 and '81 on 1st mort. bonds to be paid in same bonds, April, 1881. (V. 26, p. 423, 521; V. 27, p. 17, 227, 435, 461, 677; V. 28, p. 224; V. 29, p. 196.)
Sutro Tunnel.—Tunnel on Comstock Lode for facilitating mining operations. (V. 27, p. 529; V. 28, p. 147, 224, 302.)
United States Express.—No reports; V. 23, p. 87.)
United States Rolling Stock Co.—See reports V. 26, p. 289; V. 28, p. 145.
Wells, Fargo & Co.—An increase in capital to \$6,250,000 was made in 1879. (V. 28, p. 13.)
Western Union Telegraph.—The company divided 17 per cent in stock to the stockholders of record June 20, 1879, making the total stock as above. (V. 27, p. 274, 381, 454, 568, 629, 663; V. 28, p. 277, 592; V. 29, p. 278, 379, 461, 632.)

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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	July, 1886
<i>Chesapeake & Ohio</i> —Stock	.....	.....	25	8,229,594	.....	.....	.....	.....
Maryland loan, sinking fund	.....	.....	.....	2,000,000	6	Q-J	Balt., A. Brown & Sons	1870
Guaranteed sterling loan	.....	.....	.....	4,375,000	5	Q-J	London.	1890
Bonds having next preference	.....	.....	.....	1,699,500	6	J. & J.	Balt., A. Brown & Sons.	1885
<i>Delaware Division</i> —Stock, (Conv. into L.C. & N. stock.)	60	.....	50	1,633,350	2s.	F. & A.	Philadelphia, Office.	Aug. 4, 1879
1st mortgage (extended 20 years in 1878)	60	1858	1,000	800,000	6	J. & J.	do	July 1, 1893
<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	Nov. 1, 1891
1st mortgage, registered	148	1869	1,000	3,500,000	7	J. & J.	do	1884
do	148	1871	1,000	6,482,000	7	J. & J.	do	1891
Debenture loan of 1894, coup and reg.	.....	1874	1,000	4,856,000	7	A. & O.	N. Y., office 71 B'way.	1894
1st M., coup. & reg., on Penn. Div. (\$10,000,000)	.....	1877	1000&c.	5,000,000	7	M. & S.	do	Sept. 1, 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	1894
1st mortgage, registered	.....	.....	1,000	5,381,963	6	Q-J	do	1894
1st mortgage, registered, railroad	.....	.....	1,000	2,000,000	6	Q-F	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	1897
Loan	.....	.....	1,000	508,520	6	J. & D.	do	'79-'80-'81-'82
Loan extension, convertible till December, 1877.	.....	1872	1,000	41,550	6	J. & D.	do	1882
Consolidated mortgage loan	.....	1871	.....	2,119,259	7	J. & D.	do	June 1, 1911
Greenwood mortgage, reg. Extended, 1877	.....	1872	.....	717,000	7	F. & A.	do	1892
<i>Morris</i> —Stock, consolidated	103	.....	100	1,025,000	2	F. & A.	Leh. Val. R.R. Co., Phila.	Aug. 4, 1879
Preferred stock	103	.....	100	1,175,000	5	F. & A.	do	Aug. 4, 1879
New mortgage (for \$1,000,000)	103	1876	1,000	780,000	7	A. & O.	do	April 1, 1906
Boat loan	103	1865	various.	220,000	7	A. & O.	do	Oct., 1885
Preferred stock scrip dividend	.....	1869	various.	103,164	7	F. & A.	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. 6, 1879
Preferred stock	.....	.....	50	3,175,900	\$1 40	F. & A.	do	Aug. 6, 1879
1st mortgage, extended	.....	.....	1,000	1,709,380	6	Q-M	do	March, 1897
2d mortgage	.....	.....	1,000	3,990,392	6	J. & J.	do	1882 to 1907
Mortgage bonds, coup. (payable by P. & R.)	.....	.....	1,200,000	1,200,000	6	J. & J.	do	1895
Improvement bonds	.....	1870	1,000	260,000	6	M. & N.	do	May, 1880
Boat and car loan	.....	1863	1,000	756,650	6	M. & N.	do	May, 1913
Boat and car loan	.....	1864	1,000	628,100	7	M. & N.	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
Susquehanna Canal, common bonds, 3d mort.	.....	1859	.....	1,320,000	6	J. & J.	do	Jan. 1, 1873
do pref., 3d. T. W. priority b'ds.	.....	1841-4	.....	325,310	6	J. & J.	do	Jan., 1894
do bonds of 1872	.....	1872	.....	250,000	7	J. & J.	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, 1878, \$289,457; net, \$82,525. (V. 28, p. 599.)

Delaware Div.—Leased to Lehigh Coal & Navigation Co., at interest on bonds, and 4 per cent a year on stock, payable till Feb., 1880, inclusive, in scrip, then till Aug., 1881, half in scrip. (V. 28, p. 41, 196.)

Del. & Hudson Canal.—This Co., which is among the largest miners and carriers of coal, leases the Alb. & Susq. and Renes. & Sar. Railroads. Also endorses bonds of N. Y. & Canada R.R. Annual report, 1878, V. 28, p. 501. (V. 27, p. 602, 628; V. 28, p. 453, 501; V. 29, p. 119, 146, 225, 357, 459, 563, 631.)

Lehigh Coal & Navigation.—Gross receipts in 1878, \$969,252; expenses and int., \$1,325,113; excess of the latter, \$355,860. The Central R.R. of N. J. assumes (in purchase of equipment), \$2,310,000 of the gold loan due 1897, and leases the Lehigh & Susquehanna Railroad. The Lehigh & Wilkes-Barre Coal Co. assumes \$500,000 of the gold loan due 1897, and \$771,000 (all) of the convertible gold loan due 1894, and has also leased the coal lands of the company. (V. 22, p. 279; V. 24, p. 247, 445; V. 25, p. 432; V. 28, p. 198, 224, 578.)

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 \$653,000, including certain real and personal property conveyed to Philadelphia & Reading. The dividend of August, 1879, 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.

T H E

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