Investors' Supplement

OF THE

COMMERCIAL AND FINANCIAL CHRONICLE.

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INVESTORS' SUPPLEMENT

Cammercial 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.

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INVESTMENTS IN DECEMBER.

The amount of business done this month has been much below that of November or October. The dealings in government bonds are well maintained, and the demand for these securities does not appear to be lessened by the reduction of the rate of interest to 4 per cent. Among the notable purchases late in November was that of Mr. Vanderbilt, reported to be for about \$8,000,000, which added to his former holdings makes him the reputed owner of \$20,000,000, and one of the largest, if not the largest, private owner of U. S. Government bonds in the world.

In State and city bonds there is very little investment business done, except in the changing off of one bond for another, through the medium of brokers in such securities. It is one of the favorable conditions of the times, that there is little disposition on the part of States or municipal corporations to increase their debts. A new loan by a state, for any purpose except the retiring of outstanding bonds, has become a rare thing, since Missachusetts stopped borrowing for her Hoosac Tunnel, and state debts have become unpopular throughout the North.

The great bulk of transaction at the Stock Exchange both on speculative and investment account are in railroad securities, and these must necessarily increase largely as our railroad system is developed. There is one feature of the present expenditure of capital in railroad construction or betterments that is exceedingly favorable, and that is, the comparatively low rate of interest at which the bonds are issued. This is in striking contrast with the period of 1868-73 when 8 per cent was rather the rule than the exception on new railroad loans, as the bonds issued at 7 to 7 30 were sold so much below par as to make them pay 8 per cent to the buyer. Again, the outlay for railroad material in 1877, 1878, and the greater part of 1879, was made at prices which were lower on some articles, (steel rails for instance), than ever before, and the benefit of the business.

improvements made on many of the railroads of the country during those years must be felt, in reducing the percentage of operating expenses to gross earnings. But in taking into consideration the points just mentioned, and also the notable change for the better in mercantile business which will affect railroad earnings, the question arises whether the improvement has not been fully "discounted" in the advance in prices of stocks and bonds which has taken place in the past three months. The course of both merchandise and stocks has been peculiar, in that the gradual decline which took place during four or five years of depression was recovered in large part during one or two months.

With the first of January, 1880, the new interest law goes into effect in New York State, which reduces the legal rate to 6 per cent. While we have never agreed with those who believed that the rate of interest on government bonds, now 4 per cent, was going to be the standard for interest hereafter in the United States, we have taken the view that with the resumption of specie payments and the placing of capital in London and New York on a basis of greater equality, or interchangeability, there would be a natural and permanent decline in the rates for money of about 1 per cent. This seems likely to be the case, and as it is highly improbable that the legal rate in this State will ever be raised again, the basis for investments ranking on the level of real estate mortgages, should hereafter be about 6 per cent. This result has the natural tendency of pushing up the prices of the numerous seven per cent bonds now outstanding, and a reference to the extended list of quotations in the CHRONICLE of this date, shows that there are very few good bonds selling below 105@110.

The remarkable combinations and consolidations which have recently taken place among railroad lines, and the rapid development in the construction of new roads west of the Mississippi River, will furnish abundant opportunity for the purchase of railroad securities on the chance of future profits. This can not exactly be called an investment business, but the purchase of a stock for cash, not on margin, upon a careful estimate of the future income of a railroad which has been brought into a new combination, or has been reorganized on a new basis, is quite a legitimate transaction of its sort. The probable future income of such a road is as fair a subject for estimate as the probable future value of real estate or any other property. The principal caution to be exercised is in the matters of fact, that the real status of the road should be known, and its contracts, obligations, combinations, &c., fairly ascertained before we undertake to make any calculation of its future

STOCK AND BOND TABLES.

NOTES.

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

Prices of all active Stocks and Bonds are quoted weekly in the CHRONICLE, and a list of general quotations is published monthly.

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

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

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

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

by the mortgage.

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

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

When Payable.—J. & J. stands for Jan. & July; F. & A., Feb. & Aug.; M. & S., March & Sept.; A. & O., April & Oct.; M. & N., May & Nov.; J. &

D., June & Dec.; Q.—J., quarterly from January; Q.—F., quarterly from Feb.; Q.—M., quarterly from March.

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

when the last dividend was paid on stocks.

STATE SECURITIES.

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

DESCRIPTION.	Date of	Size or	Amount			INTEREST.	Delevier of Miles
For explanations see notes above.	Bonds.	par Value.	Outstanding	Rate.	When		Principal—When Due.
		- Value.			Payable	Whom.	
Alabama-Substitution bonds (A) (\$7,000,000).	1876	\$100&c.	\$6,358,600	2 &c.	J. & J	New York.	T-1-1 1000
Substitut'n b'ds for RR. (B) (\$596,000)	1876	100 &c.	535,000	5	J. & J	do	July 1, 1906 July 1, 1906
do for Ala. & Chatt. (C) (\$1,000,000) Educational funded debt.	1876	100 &c.		2 &c.	J. & J	do	July 1, 1906
Funded "obligations". Arkansas—Funding bonds of 1869 and 1870	1874		2,810,670 1,000,000	- 8	J. & J.	Montgomery.	
Arkansas - Funding bonds of 1869 and 1870	1869 to '70	1,000	1,886,000	6	J. & J.	N. Y., Union Trust Co.	July 1, 1884 1899
Funding Bonds 1870 (Holford). Levee bonds (or warrants). Old unfunded debt, including interest. Ten year bids. Act May 20 174	1870	1,000	1,316,000	6	1	, , , , , , , , , , , , , , , , , , , ,	1900
Old unfunded debt, including interest	1838 to '39	100 &c.	1,986,773 1,985,955	7	J. & J.		1900
LUL YOU UUN. AUL MAY 237. 74	1 1 1 1 1 1 1		258,300	10			1884
Secured sinking fund bonds (Act. Dec., 1874)	1875		375,000	6	J. & J.	New York, Latham, A. & Co.	1884
To Memphis & Little Rock Railroad To Little Rock & Fort Smith Railroad	1869 1870	1,000	1,200,000	7 7 7 7	A. & O.	N. Y., Union Trust Co.	1899
To Little Rock, Pine Bluffs & N. Orleans RR	1970	1,000	1,000,000	7	A. & O.	do do	1900
To Miss., Ouachita & Red River Railroad To Arkansas Central Railroad	1870	1,000	600,000	7	A. & O. A. & O.	do do	1900 1900
To Arkansas Central Railroad	1870	1 000	1,350,000	7	A. & O.	do do do	April, 1930
California—Soldiers' relief	1863	500 &c.	1,353,120	& 8			
State scrip. California—Soldiers' relief. State capital bonds.	1870 & '72	300 &c.	95,500 500,000	7 g.	J. & J. J. & J.	Sacramento, Treasury.	1883
runded dept bolids of 1873	1873	500 &c.	2,801,000	6 g.	J. & J.	do do do	1885 1893
Connecticut—War bonds, 20 year) Coupon	1863	1,000	877,000	F1	AT	Hartford Troopsy	Ton 1 1000
War bonds, 20 year or do not taxable, 20 year regist'd.	1864 1865	1,000	1,318,500	6	J. & J.	do do do do Wash. or N. Y., U. S. Treas.	Jan. 1, 1884
New bonds, coupon, 10-20 year	1877	1,000 &c.	1,741,100 1,031,000	6	A. & O.	do do	Oct. 1, 1885
Distant Columbia – Perm't imp't, gold, coup	1872	500 &c.	3,995,000	6 g.	J. & J.	Wash or N V II S Trees	May 1, 1897 July 1, 1891
Permanent improvement bonds, coupon	1873		670,000	7 5.	J. & J. J. & J.	do do	July 1, 1891
Bds for fund'g (Act June 10, '79) coup. or reg. Fund. b'ds (U.S. guar., Acts June, '74& Feb., '75)	$\begin{array}{c} 1879 \\ 1874 \end{array}$	50.60	1,092,300	5	J. & J.	do do do	July 1, 1899
Market house bonds, coupon	1879	50 &c. 50 &c.	13,504,900	3·65 7	F. & A. J. & J.		Aug. 1, 1924
Water stock bonds, coupon. Wash. fund'g, gld, (\$660,000 are M.&N.,1902).	1871 to '73	1,000	423,000	7	J. & J.		July 26, 1892 Oct. 1, 1901 to '03
Wash. fund'g, gld, (\$660,000 are M.&N.,1902).	1872	100 &c.	1,830,000	6 g.	J. & J.	do do	1892 & 1902
Florida—State bonds	1871 1873	1,000	350,000	7	:	do do N. Y., Importers' & Tr. B'k. do do	
Loan to Jacksonville, Pensacola & Mobile RR.	1870	1 000	923,100 4,000,000	/ æ e g.	J. & J.	do do	Jan. 1, 1903
Georgia—Atlantic & Gulf Railroad bonds	1858 to '66	500	800,000	6 5.	F. & A.	N. Y., Fourth National B'k.	1881 and 1886
Bonds, act of Mar. 12, '66 (renewal W. & A.) Quarterly gold bonds, act of Sept. 15, 1870	1866	500 &c.	3,600,000	1	J. OZ J.	ao ao	May, 1886
Bonds, act of Jan. 18, '72	1870 1872	1,000	2,097,000 307,500	7 g.	QJ.	do do do do do do	Oct., 1890
Bonds for funding (Act Feb. 19. '73)	1873	250&c.	300,000	7 8 7 6	J. & J. A. & O.	do do	July, 1892
Bonds to fund coupons on endorsed bonds	1876	1,000	542,000	7	J. & J. J. & J.	do do	April 1, 1896 July 1, 1896
Bonds exchanged for endorsed RR. bonds New funding bonds, small	1877 1879	1,000	2,298,000		J. & J.	do do	Jan. 1, 1889
Illinois—Refunded stock bonds.	1847	500 &c. 1,000	500,000 357,442	6	Jan.	State Treasury. N. Y., Am. Exchange Bank.	Jan. 1, 1885
Normal University bonds	1	1,000	23,000	6	J. & J.	do do	At will. Jan., 1880
Thornton loan bonds		1,000	36,000	6	M. & S.	. 40	Jan., 1880
Indiana—Bonds, short loan.	1876	100 &c.	142,300	6	J. & J.	do do	Jan., 1880
Bonds, coupon, (payable after April 1, 1884)	1879		200,000 510,000		J. & D. A. & O.	N. Y., Winslow, L. & Co.	Dec. 1, 1879
School fund bonds (non-negotiable)			3,904,783		Various	do do	April 1, 1889
Iowa—War and defense bonds. Kansas—Bonds, 1861 to '69, funding, &c	1861	100.6	300,000	7	J. & J.	New York, Kountze Bros.	July 1, 1881
Bonds for various State nurnoses	1861 to 2751	100 &c.	101,175	6	July.	N. Y., Am. Exch. Nat. Bk.	1883 to '84
Military loan. Louisiana—Bonds for relief of State Treasury.	1864 to '65	100 00.	739,000 289,000	7	J. & J. J. & J.	do do do	1879 to '99
Louisiana—Bonds for relief of State Treasury.	1853	500	63,500	6	J. & J.	\$15,000)	1884 to '99 July, 1893
Bonds in aid of various railroads Levee bonds—Act 35 of 1865	1000	1,000	284,000	6	Various	119,000	1872 to 1906
do Act 115 of 1867	1866 1867	1,000	57,000 112,000		Various		1886
do special—Act 32 of 1870	1870	500	49,000		M. & N. M. & S.	fundable, per report of Jan.	May 1, 1907 March 1, 1875
Bonds funding coupons	1866	100 &c.	49,500	6	J. & J.	1, 1878.	1886 & '88
do to Boeuf & Crocodile Navigation Co do issued to State Penitentiary	1870	1,000	80,000	8	J. & J.	80,000	Jan. 1, 1890
and the state of t	1869	1,000	12,000	7	M. & S.)	March 1, 1909
	1	1					

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 tili 1896, and 5 per cent for last 10 years, for old bonds, without any allowance for past-due coupons. Ala. & Chat, 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 is event bear \$1.000,000 of the new bonds. ments the bonds issued bear 5 per cent. An analysis of the debt and funding operations is in V. 24, p. 28. There were \$3,705,000 of railroad obligations unprovided for in the "adjustment." Tax rate, 1678-9, 7 mills. The assessed valuation of real estate and personalty is about \$125,000,000. (V. 24, p. 28, 420; V. 27, p. 94; V. 28, p. 199.)

Arkansas.—The State Supreme Court has decided Levee bonds of 1869 and 1870 invalid. Rate of tax-ation, 10 m:lls. The State is in default for interest, except on the ten per cents of 1-74 and secured sinkin fund bonds, issued under the law of December, 167. Assessed valuation of taxable property, \$94,095 43. (V. 25, p. 161; V. 27, p. 15, 40; V. 28, p. 171, Z.o.)

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 \$586,953,036 in 1878. Tax rate, 1879, 55 cents per \$100, against 63 cents in 1878.

Connecticut.-The debt of Connecticut was all

of real and personal property, 1878, \$335,382,854; 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 3-5 bonds is provided for by Congress. See law of 1878, V. 23, p. 599. There is due the sinking fund \$256,2:1 per year. (V. 26, p. 599; V. 27, p. 303; V. 28, p. 553, 578; V. 29, p. 17, 40, 95.)

Florida.—Less the sinking fund of \$130,700, and J. P. and M. lcan, the total debt is \$1,284,100, which does not include \$122,000 bonds of 1357, held by Indian Trust Fund. Coupons of the consol bonds are receivable for taxes. Real and personal property assessed in '77 at \$30.598,247; tax rate, 9 mills. The Jacksonville Pensacola & Mobile RR. loan is in litigation, and the State Supreme Court has decided that the State is not bound for it. (V. 23, p. 576; V. 25, p. 212.)

Georgia.-The constitutional amendment in 1877 declared void several issues of bonds and railroad The So. Ga. & Florida RR. has end rements. \$464,000 of bonds endorsed, but the Company pays interest and the road is estimated to be nearly worth the bonds. Assessed value of property in 1878 was as follows: Lands, \$36.255.473; city and town property, \$48,370,413; total, including personal, \$226,221.718, against \$235,659,530 in 1877, \$245,858,750 in 1876, Connecticut.—The debt of Connecticut was all and \$261,755,884 in 1875; rate of tax in 1878, five created originally for war purposes. Assessed value mills. (V. 25, p. 188, 162; V. 27, p. 653; V. 28, p. 17.)

Illinois.—The Illinois Central RR. charter tax on earnings is about \$300,000. For 1874 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 war foan bonds. There has been some question as to the State's obligation to pay the Wabash & Eric Canal debt. Valuation, 1877, of all taxable property, \$855.190,125, against \$864,720,440 in 1876 and \$897,739,783 in 1875. Tax rate, 13 mills. (V. 22, p. 104, 209, 615.)

Kansas.—Kansas has but a small State debt, but the issues of municipal bonds amount to \$13,000,000. The valuations in 1879 were: Real estate, \$101,103,-127; personal, \$27,331,715; railroad, \$16,165,829—total, \$143,930,279, again t \$183,693,801 in 1878, and \$136,019,113 in 1877. Tax rate, 5½ mills for State purposes. State funds hold \$713,700 of the bonds. (V. 24, p.40.)

Louisiana.—The Constitutional amendment passed Dec., 1879, provides for a new bond in place of consols of 1.71, bearing 2 per cent for 5 years, 3 per cent for 15 years and 4 per cent afterwards. New bonds were voted for New Orleans & Pacific Railroad in 1878, and their validity is affirmed by the Supreme Court, but the Governor declined to sign them and was sustained by the courts. Constitutional provision of 1874, see V. 29, p. 96. Interest of Jan. 1, 18 9, was paid, one-half cash and one-half scrip. The assessed value of property

DESCRIPTION.	Date of	Size or	Amount			INTEREST.	Principal-Wh
or explanation see notes on first page of tables.	Bouds.	par Value.	outstanding.	Rate.	When Payable	Where payable and by whom.	due.
	***************************************	-					
puisiana—(Continued)— Bonds to fund floating debt of State	1870	\$1,000	\$6,000	6	M. & N.		Mar. 1010
do to Mississippi & Mexican Gulf Canal	1869	1,000	260,000		M. & 8	960 000	May, 1910 1899
do to Northern Louisiana & Texas RR. Co.	1869	1,000	10,000	8	A. & O.	Amounts not	1909
do school & seminary, held by St. Treas	1857	1,000	48,000	6	Various	48,000 Tundable,	1897
do to N. Orleans, Mobile & Chatt. RR	1870	1,000	70,000	8	J. & J.	70.000 per report of	July 1, 1910
do to N. Orleans, Mobile & Texas RR	1871	1,000	2,500,000	8	A. & O.		April, 1911
N. O. Mob. & Texas RR. bonds, end. by State	1869	1,000	875,000	8	J. & J.	875,000	
Consolidated funded bondsBonds for N. O. & Pacific RR. (\$2,000,000)	1874	100 &c.	11,777,100	7	J. & J.	N. Y., Winslow, L. & Co.	Jan., 1914
aine—War loan bonds	$\begin{array}{c} 1878 \\ 1863 \end{array}$	500 &c.	(?) 385,000		M. & S.	Poston Cuffelle Donle	March 1, 188
Bounty loan bonds or	1863	1,000	307,000	6	F. & A.		Aug. 15, 188
do do regis-	1864	500 &c.	2,330,000	6	J. & D.	do do	June 1, 1889
Municipal war debt assumed) tered.	1868	100 &c.	2,826,900	6	A. & O.	Augusta and Boston.	Oct. 1, 1889
aryland—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	QJ.	Baltimore, State Agency.	1880 & 189
Eastern Shore Railroad	1839		31,069	5	A. & O.	do do	1890
Baltimore & Susquehanna Railroad	1837	1	269,000	8	Quart'y J. & J.	do do	1890
Chesapeake & Ohio Canal	1870 1839		528,355	6			1385
Annapolis & Elkridge Railroad	1839		298,435 62,605	6	Q.—J. A. & O.	do do	1890
Defense Rounty Loan	1868	••••	3,326,750	. 6	J. & J.	do do	1890
Deaf and Dumb Asylum Loan	1870 & '74		225,000	Ř	J. & J.	do do	1885 & '89
Defense Bounty Loan Deaf and Dumb Asylum Loan Maryland Hospital Loan, 10-15 years	1872 & '76	100 &c.	465,000	6	J. & J.	do do	1887 & 189
faryland State Loan Freasury relief loan, 10-15 yearssachusetts—Back Bay Lands Loan	1872		691,291	6		do do	1887
Freasury relief loan, 10-15 years	1878		500,000	6	J. & J.	do do	1888 to 189
ssachusetts-Back Bay Lands Loan	1861 to '62	500	220,000	5 g.	M. & N.	Boston Tressurv	May 1, 188
coast Defense Loan	1863	1,000	888,000	5 g.	J. & J.	do do	July 1, 188
Sounty Fund Loan	1863	1,000	200,000	5 g.	J. & J. J. & J.	do do	July 1, 188
do storing	1804	500 &c.	4,379,500	og.	IM. ON.	00 . 00	May 1, 189
Var Loan starling	1860	\$100 &C	4,000,744 999,944	5 g.	M. & N. J. & J.	London, Baring Bros.	May 1, 189
roy & Greenfield Railroad loan sterling	1858 to '61	2200 kg	5.506.952	5 g. 5 g.	A. & O.	do do	July 1, 1989 Oct., 1888 to
Bounty Fund Loan do do sterling. Var Loan, sterling. Troy & Greenfield Railroad loan, sterling. do do home	1861 to '63	500 %	1,366,500	50	A & O	Roston Treasurer	April, 1891 &
do do sterling	1871	200 &c.	3,598,450	5 g.	J. & J.	London, Baring Bros.	July 1801
do do sterling	1875	£500	1,497,980	5 g.	J. & J.	do do	July, 1891 Jan. 1, 1898
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, 1898
outhern Vermont Railroad Loan	1860	5,000	200,000	5 g.	A. & O.	dodo	April 1, 1890
oston, Hartford & Erie Railroad, sterling	1868 to '69	£200	3,599,024	5 g.	J. & J.	London, Baring Bros.	July 1, 1900
Jarbor Land Improvement (5-20s)	1874 & 76	1,000	700,000	5 g.	J. & J.	Boston, Treasury.	Sept. 1, 1894-
unatic Hospital, Worcester	1975-276	1,000	1,350,000	5 g.	Various	Boston, Treasury.	J'ly1,'94-Sep.1
lew State Prisons, sterling		1,000 £500	1,100,000 1,292,280	5 g.	Various	do do	May1'95-Sep.1
chiagn—Two Million Loan	1863	1,000	591,000	6 g.	J. & J.	N. Y., Am. Exchange Bank.	Jan. 1, 189
chigan—Two Million Loan	1865	1,000	299,000	. 7	M. & N.	do do	May, 1890
nnesota-State Building loan, coupon	1873	1,000	250,000	7	J. & J.	St. Paul, Treasury.	July 1, 1883
cailroad Bonds (not recognized)	1858	1 000	2,275,000		J. & D.		Dec., 1887
souri-State bonds, proper	1865 to '66	1,000	439,000		J. & J.	N. Y., Bank of Commerce.	1883
onsolidated bondslniversity and Lunatic Asylum bonds	1868	1,000	2,727,000		J. & J.	do do	1888
niversity and Lunatic Asylum bonds	1872	1,000	401,000		J. & J.	do do	July, 1892
tate Bank stock refunding	1874	1,000	104,000	6	J. & J.	do do	April 1, 189
onds to North Missouri Railroad	1857 to 180	1,000	1,693,000	6	J. & J.	do do	1879 to '88
onds to Platte County Railroad	1859 to '80	1,000	267,000 504,000	6	J. OZ J.	do do	1879 to '89
onds to Platte County Railroad	1854 to '59	1,000	1,361,000	6	J. & J. J. & J. J. & J. J. & J. J. & J.	do do do do	1889 to '90
acific Railroad of Missouri.	1853 to '59	1,000	2,971,000	6	J. & J	do do	1879 to '89 1879 to '87
anding bonds	1874	1,000	1,000,000	6	J. & J.	do do	July, 1894
unding bonds. enewal bonds, coup., 5-20s, (act Mch. 29, '7f)	1875-6-7	1,000	4,350,000	6 1	J. OZ J.	do do	1895-6-7
annibal & St. Joseph Rauroad	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
raska-Bonds (act Feb. 14, 1877) coupon	1877	1,000	549.267	8	A. & O.	State Treasury.	April 1, 189
ada—State bonds	1871	1,000	160,000	912 & 10	various	State Treasury.	1881 and '82
erritorial bonds	1872 1864	1,000	390,000	912	M. & S.	do Concord on Boston	March, 1887
unicipal war loan		1,000	600,000 2,206,100	6	M. & S.	Concord or Boston.	Sept., 1884 &
ate bonds.		100 &c.	200,000	6	J. & J. J. & J.	do do	Jan., '92 to 19
oan of 1879.	1879	1,000	300,000	5	J. & J.	do Bost.,Nat.Bk.Commonw'lth	July 1, 188
v Jersey—War loan bonds, tax free		100 &c.	600,000	6	J. & J.	Trenton and Jersey City.	Tan 1990 +- 1
ar loan bonds, tax free	1863	100 &c.	900,900		J. & J.	do do	Jan., 1880 to 's Jan., 1886 to 's
do do taxable	1864	100 kg	595,400	6	J. & J.	do do	Jan., '97 to 19
v York—	1875	H S O	473,000	6 g.	J. & J.	N. Y., Manhattan Bank.	Oct., 1893
- (1872	2828	1,562,900	6 g.	J. & J.	do do	July, 1887
Under Art. 7. Sec. 3 of Con-							
anal debt, Under Art. 7, Sec. 3, of Con-	1873	222	847,500	6 g.	J. & J.	do do	Jan. 1. 1883
anal debt, Under Art. 7, Sec. 3, of Con- stitution, and Art. 7, Sec. 12.	1873 1873 1874	Reg st'ck in \$100& multipl's of \$100.	847,500 4,302,600 2,000,000	6 g. 6 g.	J. & J. J. & J. A. & O.	do do do do do do	July, 1887 Jan. 1, 1883 July 1, 1891 Oct. 1, 1892

in 1879 is \$177,000, 00: personal property, \$32,361,402. State tax rate, 11 milts. The interest tax was 5% mills before the constitutional amendment, and bondholders will try to enforce its collection by sut. There is considerable overdue interest of t e years 1874 to 1878 inclusive. (V. 27, p. 41, 122, 200, 303, 677; V. 28, p. 18, 42, 173, 224, 526, 553, 624, 641; V. 29, p. 18, 96, 277, 330, 353, 631.)

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

Maryland.—The assessed valuation of property in 1877 was \$478,468,925; in 1875, \$464,425,790, on which the rate of taxation is 18% cents per \$100. The State has largely assisted canals and railroads, and holds \$4,735,521 of stocks and bonds ranked as productive, leaving \$6,037,088 of deat without any offset: the State also holds \$23,762,130 in unproductive securities. (V. 28, p. 42.)

Massachusetts.-All interest on the funded debt of Massachusetts is paid in coin. The credit of the State stands high in London and at home. During 18:8 the funded debt was reduced \$200,000. The sinking funds in Jan., 1879, were \$11,268,593. The Hoosac tunnel and connections \$11,268,599. The Hoose tunnel and connections cost the State about \$18,854,024, including interest paid. Real estate assessed in May, 1876, \$1,118,557,164, against \$1,191,523,169 in 1877; personal including bank shares, \$476.667,106 in 1878, again-t \$505,784,594 in 1877. Savings Bank deposits Nov. 1, 1878, \$210,461,396; Nov. 1, 1877, \$243.9 2, 225. The loan to Boston Hartford & Eric Railroad was secured by deposit of \$3,600,000 "Berdell" mortgage bonds, afterwards exchanged for N. Y. & N.E. RR. stock, and had a sinking fund of \$1,084,578 Jan. 1,1879. (V. 26, p. 40, 523.) 1, 1879. (V. 26, p. 40, 523.)

Michigan.—The debt has been largely diminished in the last few years. Assessed valuation of real and personal property, 1877, \$630,000,000, and tax rate 24 mills. Surplus revenue is applied to purchase of bonds.

Minnesota.—All the State bonds are now held by the permanent school fund. Minnesota has refused to recognize the "State Railroad bonds" of 1858 to the amount of \$2,275,000. A proposed compromise with the holders was defeated by a large majority in 1877. Taxable property, 1875. \$213.855.743. of . Taxable property, 187 which \$45,162,467 was personal; in 1876, \$218,850,744, of which \$45,302,495 was personal; in 1877, \$20,925,638 of which \$45,141.659 was personal. State tax,
2 mills: tax for all purposes in counties averages
174 mills. (V. 22, p. 63, 567; V. 24, p. 40, 170,
1859....\$1,097,564,524

**grain to lowing were validations and tax for State purposes in the years 1859 and 1865, and from 1871 to 1878:

Year. Real Estate. Personal. State tax.
1859....\$1,097,564,524

**grain to low light were validations and tax for State purposes in the years 1859 and 1865, and from 1871 to 1878:

2 mills: tax for all purposes in counties averages
174 mills. (V. 22, p. 63, 567; V. 24, p. 40, 170, 1859....\$1,097,564,524

Missouri.—The valuation of all real and personal property in 1373 was \$628,329,312, of which \$433,663 920 was real and \$173,543,091 personal. Railroids and bridges were assessed separately at \$26,-122 2)1; the gross valuation exclusive of railroads and bridges is \$509.824,4 8. The tax rate is 40c. per \$100. In 1877 and 1878 bonds maturing were mat by sale of renewal bonds and by sinking fund. The Hannibal & St. Joseph Railroad provides for its own debt. (V. 27, p. 200, 409.)

Nebraska.—Of these the State school fund holds \$423,267. There are also \$50.00) 10 per cent "Grasshopper" bonds of 18:5, due Mar. 1, 1885, interest paid J. & J. Real estate in 1877 assessed at \$37,-975,98; personal at \$33,335,591; tax rate, 6% mills. (V. 24, p. 204.)

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

New Hampshire.-The debt of New Hampshire was created for war purposes, and is being gradually reduced. The Municipal loan of 1872 was issued to cities and towns, the proceeds to be applied to their war debts. Total valuation in 1879, \$169,953,517. Tax rate, \$2 per \$1,000. (V. 29, p. 171.)

New Jersey.—The debt was created for war pur-

poses, and is provided for by sinking funds, which amounted Jan. 1, 1879, to \$1,458,852. Of the first two classes of bonds the principal is payable \$100,000 per year. In 1878 total valuation of property was \$531,851,849. Valuation of real property in 1877. \$419,723,400; personal \$123,858,381; total, \$566,250,697, against \$596,833,707 in 1576, and \$512,8731,094 in 1875. State tax, 3½ mills. (V. 18, p. 58.)

New York.—The following were valuations and

Year.	Real Estate.	Personal.	State tax.
1859	. \$1,097,564,524	\$307,849,155	214
1865		392,552,314	4 58-80
1871		452,607,732	5 79-120
1872	1,644,379,410	447,248,035	9%
1873		437,102,315	6 95-100
1874	1.750,698,918	418,608.955	714
1875	1,969,352,703	407, 427, 399	6
1876	. 2,108,325,872	857,911,401	8 11-24
1877	. 2,376,252,178	879,4-8,140	3 1-6
1878	. 2,373,418,490	354,960,110	2 9-10
The ge	neral fund debt	was paid in	July, 1978,

and the canal debt only, of about \$9,000,000, now remains. Town, county, and city debts estimated by State Comptroller at \$25,0,0,000. (V. 24, p. 17, 49; V. 26, p. 18, 117; V. 28, p. 42.)

North Carolina.—Total property was assessed in 1876-7 at \$143,564,557; 1875, \$152,546,023; 1874, \$189,-953,361; 1873, \$143,723,818. Tax rate 1878, 38 cents on \$100. Interest is paid on bonds issued to N. Car. RR.(\$2,800,000), as the State holds \$3,000,200 stock and receives dividends thereon. Other interest in default. A funding bill passed the Legislature Feb. 1879, which provides for funding old ante-war bonds at 40 per cent of the face value; "New" rairoad bonds recognized as valid at 25 per cent; funding bonds of 1866 and 1863 at 15 per cent. All overdue coupons are to be surrendered; he new bonds on 3) years, and bear 4 per cent interest; coupons are receivable for taxes, the first coupon of 2 per cent being payable January, 1881. Special

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

DESCRIPTION.	Date of	Size or				INTEREST.	Principal-When
For explanations see notes on first page of tables		Value.	outstanding	Rate.	When	Where Payable and by Whom.	Due.
North Carolina—Funding bonds tax-receivable.	1879	\$50 to	(0)				1000
Railroad and improvement bonds, old	1879	\$50 &c. 500 &c.		6	J. & J J. & J	New York.	1909 1868 to '98
Railroad and improvement bonds, old		500 &c.	3,639,400	6	A. & O	do	1868 to '98
RR. and improvit 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 Registered certificates of literary fund Penitentiary bonds, act Aug. 24, 1868	1868	100 &c.	1,657,600	6	A. & O		Oct., 1898
Penitentiary bonds act Aug 24 1868	1867 1868	1,000	383,045 44,000	6	J. & J A. & O		Indefinite.
Special tax bonds	1000	1,000		6	A. & O	New York.	Oct., 1898 1898 to '99
Special tax bonds Ohio—Register'd loan, payable after June, 1881	1860	100 &c.	4,072,640	6	J. & J.	N. Y., American Exch. B'k.	July, 1881
Registered toan, payable after June, 1880	1856	100 &c.	2,400,000	6	J. & J.	do do	Jan., 1887
Pregon—Bounty bonds	•••••	••••	26,500		J. & J	State Treasury.	1884
Modoc war bonds Willamette Canal and Lock	1070		130,991	7	J. & J.	do do	1880
Pennsylvania—Reg. bonds, tax fr., (red'ble '92).	1870 1877	100 &c.	160,000 8,000,000		J. & J.	do do	1880
Registered bonds, tax free, 15-25 years	1879	100 &c.		412 70 5	F. & A	Phila., Farm. & Mech. B'k.	Feb. 1, 1902 Aug. 1, 1904
		100 &c.	2,000,000	4	1. a A	do do do	Aug. 1, 1904
Coupon loan (except \$53,000 reg.), April 2	1852	1,000	395,000	5 0	J. & J.	do do	July, 1882
OU ADIII 2	LEADY	1,000	87,000	412g	J. & J. F. & A.	do do	July, 1882
Stock loan of Feb. 2 (registered)	1867	50 &c.	90,400	5	F. & A.	do do	Feb., 1877-1882
Stock loan of Feb. 2 (registered)do do (registered)do do (registered)	1867	50 &c.	9,251,850	6	F. & A.	do do	Feb., 1882-1892
A gricultural College land serin	1867 1872	50 &c.	723,950 500,000	5	F. & A.	do do	Feb., 1882-1892
Agricultural College land scrip	1862	1,000	975,000	6	MES	Harrisburg Treasury. Providence, R. I. H. & T. Co.	1922 Sept. 1, 1882
War bonds.	1863	1,000	200,000	6	A. & O.	do do	April 1, 1883
do		1,000	631,000	6	J. & J.	do do	July 1, 1893
.do	1864	1,000	738,000	6	F. & A.	l do do	Aug. 1, 1894
outh Carolina—State stock	1794	Various	17,411	3 g.	QJ.	Columbia, State Treasury.	At pleasure.
do bonds	1836 to '61	Various	289,172	6 g.	Q.—J. J. & J. J. & J.	do do	1877 to '86
Dunding hands and stook	1000	FA 0 -	192,000 238,933	6 g.	J. & J.	do do Columbia and New York.	1871 to '80
Blue Ridge Railroad bonds	1854	1,000	469,000	6 g.	J. & J.	Columbia, Treasury.	July 1, 1887 to '7
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 2.	A. & O.	do do	July 1, 1888 July 1, 1888
Funding bank bills	1868	500,&c.	242,350	6 g.	J. & J. J. & J.	do do	July 1, 1889
Lond commission bonds	1869	500,&c.	451,000	6 g.	1. & 1.	do do	July 1, 1882
Riue Ridge Railroad bonds. Funding bills receivable. Payment of interest. Funding bank bills. Conversion bonds and stock. Land commission bonds. Fire loan bonds, sterling. do stock, domestic. Bonds—Relief State Tressury	1636	500,&c.	13,000 481,944	6 g. 5 g.	J. & J.	do do London.	July 1, 1868
do stock.domestic	1838		151,780	6 g.	QJ. QJ.	Columbia.	July 1, 1868
Bonds—Relief State Treasury. Reduction of Public Debt stock	1869		7,000	7	J. & J.	Columbia & Fis. Agen. N.Y.	1888
Reduction of Public Debt stock	Dec., 1873		241,257	6	J. & J.		
Consolidated bonds, coup. (Funding act) stock (Funding act)	1873	Various	4,023,000	6	J. & J.	New York or Columbia.	July 1, 1893
		Various	149,254 4,797,608		J. & J.	do do	July 1, 1893
ennessee—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.
exas—Funding State debt (act May 2, 1871)	1872		75,000	6	Various	State Treasury.	1891
Frontier def'se, gold, act Aug. 5, '70 (red'ble '91)	1871	1,000	697,000	7 g.	M. & S.	N.Y., Donnell, Lawson & Co.	1911
Revenue deficiency bonds, act Dec. 2, 1871 Bonds, act Mar1874 (for paying float'g debt)	1872 1874	1,000	500,000 1,000,000	7 g.	J. & J.	do do	1892
Vet'n Pension bonds, act Apl., '74, (red'ble '79)	1874	1,000	1,153,974	7 g. 10	J. & J. J. & J.	do do State Treasury.	March 1, 1904
Redemption of debt, act Aug. 6, '76	1876	1,000	1,564,000		J. & J.	New York & State Treasury.	1894 July, 1906
ermont—War loan bonds, registered	1862	500.&c.	137,000	6 8.	J. & D.	Montpelier, Treasury.	Dec. 1, 1890
irginia—Old bonds, 23 fundable, coupon			6,139,943		J. & J.	New York.	1886 to '95
Old bonds, 23 fyrdable, registered	1851 to '66			6	J. & J.	Richmond, Treasury.	At pleasure
do stering, not required to be funded Consol.) Act Mar. '71) coup. tax receivable	1851 1871	£100 &c	2,331,250 18,582,900		J. & J.	London, Baring B. & Co.	1886
do do reg., conv. into coup	1871	100,&c. 100,&c.	1,641,615	6	J. & J. J. & J.	Richmond, Treasury.	1905
do (Act 1872) "Peeler," cp. not rec'ble.	1872	100,&c.	2,359,500	6	J. & J.	do	1905
do do reg., do	1872	100,&c.	923,646	6	J. & J.	· do	•••••
Deferred certificates (W. Va.)	1871	Various	15,239,370	6	J. & J.		Contingent
Interest on sterling debt, funded (Act 1871)		Various	212,833		J. & J.	London, Baring B. & Co.	1905
New funding bonds, 10-40s, (\$300,000 reg.)	1879	•,•••	8,000,000	3 to 5	••••		1919
do do sterling		*	400,000			,	

tax bonds are ignored, and also bonds to Chatham RR. 1868. \$1,030 (CO. and to Wilmington & Tarboro RR, \$15,000, and for Penitentiary under acts of 1868. (V. 24, p. 17, 226; V. 27, p. 678; V. 28, p. 69, 200, 327.)

Ohio.—Ohio has a very small State debt, but large local debts, amounting in 1878 to \$41,295-840, against \$33,328,5 9 in 1877, and \$36,059,973 in 1876. Valuations in 1877 were: Real estate in cities, &c., \$378,443,113; other, \$706,347,619; personalty, \$490,594,810. Total taxes levied in 1877 \$4,561,235 for state purposes, 2 9 mills, and \$22,975,512 on all local taxes. (V. 21, p. 17; V. 28, p. 69) 512 on all local taxes. (V. 21, p. 17; V 28, p. 69.)

Oregon.—The debt is provided for by sinking funds, payable from land sales. Taxable property in 1875 was assessed at \$41,197,149; ½ mill tax was laid for Relief bonds and 1 mill for Bounty

Pennsylvania.—The new 5 per cent loan of \$8,000, 000 was sold to take up maturing honds. Total debt November 50, 1878, \$21.585, 200; sinking fund, \$8,504,899. No tax is laid for State purposes on real estate, and revenue is raised principally from corporations. Taxes are levied on personal property, which was assessed in 1877 at \$159,318,817, and the tax was \$574,817. State expenses have lately exceeded revenue, and sinking funds have been diverted to meet the deficiency. The State holds \$1,754,331 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. 15; V. 27, p. 143, 229; V. 28, p. 43, 146, 600; V. 23, p. 19, 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, \$86,89:,928, and tax rate 15 cents on \$100.

South Carolina.—The funding law approved Dec. 2z, 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, bondholders was appointed, and a report was made, but the matter went before the State Supreme Court. See decision V. 29, p. 353. Total valuat on of all property—in 1874, real estate, \$83,270.948; personal. \$32,836. 61; 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, 4½ 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.)

Tennessée.—New funding law is given in Vol. 28, p. 353. The total debt Jan., 1879, was \$20,221,300 in outstanding bonds, and \$4,156,522 in overdue int.; there were also \$416 000 bonds yet to be renewed and \$273,000 yet to be registered. The State's endorse-

Poll tax. \$211.034 Miles of RR. in the State ass'd for taxes...

 Miles of RR. in the State ass'd for taxes.
 1,493

 Value of railroads, &c.
 \$16,577,508

 55,950,038 acres of land assessed at
 110,288,629

 Value of lots assessed in the State.
 45,674,101

 (V. 23, p. 452; V. 24, p. 535; V. 25, p. 115.)

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

Virginia.—The Law of April, 1879, for re-funding the debt, is given in Chronicle, Vol. 28, p. 353. The new bonds are 10-40 years bonds, and bear 3 p.c. for 10 years, 4 p. c. for 20 years, and 5 p.c. for 10 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 1/2 a deferred certificate given (as the proportion due by West

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DESCRIPTION.	Data of	gizo or	Amount]	NTEREST.	m
	Date of bonds.	Size or par	Amount outstanding.	Rate.	When	Where payable and by	Principal—When Due.
For explanations see notes on first page of tables.		value.		Trave.	Payable	whom.	
Albany, N. Y.—Relief of drafted men	1864	\$1,000	\$23,000	6	J. & D.	New York.	June, 1880 to '84
Purchase Congress Hall Block. City improvement.	1866 1870-'71	1,000	150,000 448,000	6 7	F. & A. M. & S.	Boston, Merchants' Bank. New York.	Feb., 1885 to '94 March, '80 to 1900
Washington Park (\$40,000 are 5s, due 1920) . New Post Office site.	1870-'78	1,000	664,000	5,6 & 7	Various	do	1910-'20
New Post Office site	1874	1,000	113,000 70,000	7	M. & N. M. & N.	do do	Mar 1, 1904
High School Water stock. Addit'nal supply (\$400,000 due 1900-3,are 7s)	1851 & '52	1,000	230,000	6	F. & A.	do	May 1, 1879 to '85 Feb., 1881
Addit'nal supply (\$400,000 due 1900-3, are 7s)	1874-'77	1,000	900,000	6 & 7	F. & A. F. & A.	do	Feb. 1. 1893-1912
Western Avenue improvement bonds	1865	1.000	165,000 1,000,000	6	F. & A. M. & N.	New York	Feb. 1, 1883-4-5 1895-'97
Atlanta, Ga.—Bonds for streets.&c.	1'66-'67-'72	500 &c.	436,000		J. & J.	Atlanta & N. Y. Park Bank. do do do do do	1881, '86 & '92
Bonds, A. L. Railroad for and State House Bonds for West. RR. and floating debt	1872 & 77	1,000 500 &c.	400,000 418,000	8 7 8 7 8	J. & J.	do do	J. & J., 1890 J. & J., 1962
Bonds, 1st and 2d series, waterworks	1874	1,000	430,000	7	J. & J.	do do	Jan, 1, 1904
Redemption bondsdo	1877 1875	500 &c. 1,000	77,000 52,000	10	J. & J. M. & S.	do do do	Jan. 1, 1897 Sept. 1, 1885
Augusta, Ga.—Bonds for various purposes	Various.	250 &c.	2,033,000	7	Various	Augusta.	1879 to 1903
New bonds (for \$63,000)	Various.	100 &c.	7,306,546	6	J. & D.	do Balto., Farm. & Plan. Bank.	June 1, 1899 July 1, 1890
Water loan, reg. stock, red. at will after 1916	1877	100 &c.	5,000,000	6 5 5 5	M. & N.	Balto., N. Mechanics' Bank.	July 1, 1916
Funding loan, reg. stock, tax free. New Water Loan	1878 1879	100 &c.	1,000,000 500,000	5	M. & N.	do do	After July, 1916
Consolidated bounty loan	1 1863	100 &c.	2,211,068	6	M. & S.	Balto., N. Mechanics' B'k	1894 Sept. 1, 1893
Exempt bounty loan.	1865	100 &c 100 &c.	410,353	6	M. & S.	do do	Sept. 1, 1893
Exempt bounty loan. Public parks (Druid Hill) Park improvement loan. Five million loan to Baltimore & Ohio RR.	1863	100 &c.	555,566 185,723	6	Q.—M. Q.—J.	do do	Sept. 1, 1890 Jan. 1, 1895
Five million loan to Baltimore & Ohio RR One million loan to Pittsb. & Connellsville RR	1853 1853	100 &c. 100 &c.	5,000,000	6	QJ.	Balto., Farm. & Plan. Bank.	Jan. 1. 1890
New City Hall	1868	100 &c.	1,000,000 1,000,000	6	Q.—J.	Balto., N. Mechanics' Bank. Balto., Farm. & Plan. Bank.	Jan. 1, 1886 July 1, 1884
do do	1870	100 &c.	1,000,000	6	Q.—J.	do do	April 15, 1900
Consolidated loan.	1864	100 &c. 100 &c.	500,000 943,161	6 5	Q.—J. Q.—J.	do do do	March 7, 1902 After 1885
Court house loan	1	100 &c.	85,900	5	QJ.	Balto., N Mechanics' Bank.	At will.
Funding loan	$1870 \\ 1872$	100 &c. 100 &c.	800,000 1,000,000	6	QJ.	Balto., Farm. & Plan. Bank. Balto., N. Mechanics' Bank.	July 1, 1900 Jan. 1, 1902
Jones' Falls	1872	100 &c.	755,900	6	Q.—F.	do do	April 9, 1900
Valley Railroad	1873 1874	100 &c.	$1,015,300 \\ 2,779,700$	5&6	A. & O.	do do Baltimore.Register's Office.	Oct. 31, 1886
Water loan (\$263,000 only are 6s). Endorsements for Western Maryland RR			1,375,000	6	J. & J.	Balto., N. Mechanics' Bank.	Jan. 1 '90 & 1900
do do Union Railroad Bangor, Me.—City debt proper	1959 to 779	100 &c.	$117,000 \\ 156,000$	6	J. & J.	Baltimore, Franklin Bank.	Jan. 1, 1895
Municipal loan	1874	1,000	100,000	6	J. & J.	Boston, Merchants' N. B'k. Boston or Bangor.	Jan. 1, 1894
Water loan bonds, coup. (Act Feb. 22, 1875). European & North American Railroad	1875 1869	500 &c. 1,000	495,500	6	J. & J.	Boston, Merch'ts' Nat. B'k.	July 1, 1905 Jan. 1, 1894
Bangor & Piscataquis Railroad	1869	1,000	1,000,000 925,000	6&7	J. & J. A. & O.	do do do	April 1, 1894
Bath, Me.—Fund. debt (\$24,500 are 6s, '87, J.&J.		Various.	102,500	5 & 6	M. & S	City Treasury.	1887 & 1898
Railroad loan Androscoggin Railroad	1861	Various. Various.	193,000 425,000	6	Various	do City Treasuryand Boston.	'83, '85 & '98 April 1, 1891
Knox & Lincoln Railroad (\$23,750 each year)	1869	Various.	475,000	6	J. & J.	do do	July 1.1880 to '99
do do (F.&A, and M.&S) Eoston—For city purposes, war debt, &c	1871-72 1852 to '64	Various.	420,600 3,501,300	6 5 g.	Various	do do Boston, Treasurer's Office	1891 & 1902 1880 to '87
For city purposes.	11864 to '77	1.000	13,224,000	6	Various	do do	1880 to '97
do do registeredBurnt district, sterling loan	1878-79	£100&c	525,000 4,997,604	4 5 g.	Various A. & O.		1887-'89 April, 1893
Congolidated atmost improvement atculing last	1000	01000	0 001 04	5 g.	J. & J.	M do	I July, 1899
Dorchester debt. assumed	1860 to '64	Various.	311,150 97,500	5, 512, 6	Various Various	Boston, Treasurer's Office.	1879 to '84 1879 to '81
Charlestown debt, assumed	1862 to '73	500 &c.	1,060,000	5 & 6	Various	do do	1882 to '93
Mystic water debt, assumed	1862 to '76	Various	1,153, 0 00 57,141	5 & 6 6 2 & 7	Various Various		1881 to '94
Roxbury debt, assumed. Dorchester debt, assumed. Charlestown debt, assumed. Mystic water debt, assumed. Brighton debt, assumed. West Roxbury debt, assumed. Water loan, Chestnut Hill reservoir.	100710 10	Various.	370,000	612 & 7	Various	do do	1880 to '81 1880 to '91
do renewal of loan due '70-71. all reg.	1867 to '71	1,000	2,040,000 688,000	6	Various	do do	1880 to 1901
do do '72-73	1872	£100 &c	1,947,273	5 g.	A. & O. A. & O.	London, Baring Brothers.	April, 1901 Oct., 1902
Water works, Roxbury, coupon and registered do Roxbury & Dorchester	1868 to '70	1,000	700,000	6	Various	Boston, Treasurer's Office.	1880 to '99
do Dorchester, all registered	1871		415,000 375,000	6 6	Various J. & J.	do do	1901 to 1903 Jan., 1901
do W. Roxbury & Brighton, all reg	1875 to'77		360,000	5 & 6	Various	do do	1905 to 1907
do do reg Additional supply water.	11872 to '75	1,000	100,000 648,000	5 g.	A. & O. Various	do do do do	April, 1906 1902 to 1905
do do registered	1878		588,000	4	A. & O.	do do	1908
do do do Various purposes, for water works	1878 1871 to '74	1.000	12,000 426,000	5	A. & O. Various	do do do	1908 1901 to 1904
Water loan bonds, gold, coupon or reg	1858-'76	1,000	3,454,000	5 g.	A. & O.	do do	1905 & 1906
Public park and school buildings, registered	1877-'78		550,000 168,000	412	Various	do do do	June & Oct., 1887
Improved sewerage bonds, coup, and reg	1878-'79	100 &c.	1,2)0,000	4	A. & O. J. & J.	do do do do	Oct., 1897 Jan. 1, 1899
trooklyn—Debt of Williamsburgh, local impr't Brooklyn (cal improvement loan	1859 to '61	1,000	138,000	4 6 7	J. & J.	Brooklyn.	1879 to '81
Mount Pi spect Square loa 1	1857	1,000	213,000 90,000	6	M. & N. J. & J.	do do la do	1891 1887
Soldiers' a.u wan wan	1865	1,000	552,000	7	J. & J.	do la	1885 to '94
Third street improvement loan, local	1866	1,000 1,000	302,000 212,000	6 & 7	J. & J. J. & J.	do do la	1881 1879 to 90
Bushwick avenue do do do	1865	1,000	200,000	7	J. & J.	do 522	1879 to '90
South Seventh street do do do Union street do do do	1866 1867	1,000	238,000 260,000	7	J. & J. J. & J.	do Sam	1879 to '90 1879 to '86
Allere The learner to Albert & Greenshouse	1	_1000	200,000	-	J. W U.		- 1010 00 00

The loan to Albany & Susquenament mortgage. The valuation of is secured by 1st mortgage. The valuation of city property in 18:8 was: Real estate, \$32,544 00; personal, \$3,748.800, estimated to be about one-third of true value. City tax rate 1879, 2-24, against 3.20 last year.

Atlanta.—The total bonded debt Jan. 1, 1879, was \$1,815,530; floating d bt, \$382.415. Assessed value of real estate in 1678, \$12,230,000; personal property, \$5,766,530. Tax rate for all purposes, \$2 39 per

Augusta.—Of this debt, \$600,000 was issued for railroads, and balance for canal enlargement, water works, &c. sinking funds, Jan., 1879, \$73,500. Tarable valuation: real estate, \$3,019,555; personal, \$4,t94,370; tax rate, \$1 50 per \$100. (V. 25, p. 17.)

Baltimore.—The fiscal year of Raltimore 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 \$33,968,204 come of water works, and Public Park by City Passenger R'y, and against a total debt of \$33,958,294, the city has \$22,95,038 productive assets, leaving \$11,003,199, 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

\$2 0814 on the \$100 in 1878. Population in 1870 was 267,354 against 212,418 in 1860. (V. 22, p. 589; V. 23, p. 514; V. 24, p. 12; V. 25, p. 137, 334; V. 29, p.

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, \$1,267,690; tax rate, \$24 50 per \$1,000.

Boston.—The population of Boston in 1870 was 292,497, against 177,840 in 1860; in 1875 it was 241,919. Valuation of real property in 1879, including the recent annexations, was \$42,786,300, against \$440,36,300 in 1878; and personal, \$183,457,300, against \$190,060,900 in 1878; upon which the rate of taxation for 1879 is \$12 50, sgainst \$12 80 per \$1,000 in 1879. The total funded debt April 30, 1879, was \$42,359,816. The total valuation in 1879 is \$612,23,600. 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 In 1879, tax rate is \$1 to; 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 174 cents to 1824 estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real estate and \$6,603,600 on personal, making a total decrease of \$18,193.2 °0. The valuation of real e

ciation in real and personal in four years of \$181,514,300. 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,-\$10. This tax is divided as follows: State, \$2.6,-270; county, \$369,200; city, \$6,916,940. The rate on \$1,000 is divided as follows: State. 20 cents; county, 46 cents; ci y. \$11 84. The total number of polls is 84,452, a gain of 2,539. (V. 26, p. 39; V. 27, p. 40; V. 23, p. 145.)

Brooklyn.—There are also \$25,000 7 per cent National Guard bonds due 1880-81. The whole city debt was as follows on December 1, 1278:

Sinking funds...... 4,781,978

 Balance
 \$21,619,522

 Loans chargcable on specified property
 9,756,000

 Tax certificates
 3,100,000

Total net debt......\$87,475,818

The uncollected taxes were \$449,156 on personalty and \$4,675,715 on real estate. The debt increased in 1876 \$781,623, in 1877 \$659,382, and in 1873 \$1,285,566. Population in 1870, 396,200, against \$66,661 in 1860. Valuation of property and tax rates per \$1,000 for five years have been:

	Real.	Personal.	Rate.
1874	\$204,132,803	\$16,136,304	\$35.50
1875		16,287,123	84 27
1576	213,184,543	13,878,560	82 54
1877	216.481,801	18,111,215	81.73
1878		14,969,911	27 C

DESCRIPTION.	Date of	Size or	Amount	1		INTEREST.	
For explanations see notes on first page of table	Bonds.	par Value.	outstanding	Rate.	When	Where Payable and by Whom.	Due.
For explanations see notes on first page of table Brooklyn—(Continued)— Fourth avenue improvement loan, local do do do do Wallabout Bay do do New York Bridge loan, registered and coupon Bonds for N. Y. & Brooklyn Bridge, cp. or reg Prospect Park loan, registered and coupon Permanent water loan do do Sewerage fund bonds, continuous, local do do S'th B'klyn Assessment fund bonds, continuous, local Central and Knickerbocker av. sewer bonds. Boulevard bonds Temporary tax certificates. Buffalo, N. Y.—Funded debt bonds. Buffalo & Jamestown Railroad. Buffalo New York & Philadelphia Railroad.	Bonds. 1862 1867 1867 1870 1876-79 1860 to '7: 1860 to '7: 1857 to '7: 1877-8-9 1877-8-9 1877-8-9 1873 1876 to '7: 1873 to '7: 1873 to '7: 1873 to '7: 1873 to '7:	\$1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	\$170,000 201,000 453,000 3,000,000 4,900,000 8,019,000 1,217,000 1,439,500 1,650,000 100,000 4,612,000 618,000 618,000 2,099,250 1,000,000 2,099,250 1,000,000 2,729,382	6 7 7 5, 6 & 7 6 6 7 4, 5, 7 4, 5, 6, 7 7 6 & 7 7 7	When Payable J. & J. Various Various Various	Brooklyn. do	Principal—When Due. 1879 to '95 1879 to '95 1879 to '95 1879 to '90 1901 to '24 1907 to 1912 1915 to '24 1915 to '24 1881 to 1908 3 years from date 3 years from date. 1880 1875 1878-1881 1879 to 1895 1881 to 1893 1879 to 1926
Water bonds, coupon Park bonds (Act May 17, 1875) Tax loan bonds. Water bonds, reg Bonds, coup. or reg Cambridge, Mass.—City bonds City bonds do do do do do Charleston, S. C.—City stock City bonds, coupon Fire loan bonds, coupon Conversion bonds, to redeem past-due debt.	1878 1879 1858 to '63 1864 1863 1856 to '76 1873-'74 1874-5 1866 1866 to '77 1865 1867 to '75 1869-71 1853 to '54 1866	1000 &c 500 &c. 1,000 1,000 500 &c. 500 &c. 1,000 500 &c. 1,000 1,000 1,000	100,000 100,000	5555566666666667	J. & J. M. & S. J. & J. M. & S. Various Various A. & O. J. & J. Various A. & O. J. & J. J. & J	N. Y., Gallatin N. Bk. Buffalo & New York. do do do do do do do Boston, Bank Redemption. do do Boston, Tremont Bank. Boston, Bank Redemption. do	July 1, 1896 Prior to 1936 July, 1879-'83 Sept. 1, 1898 1899 1879 to 1882 April 1, 1889 Jan 1, 1893
Chelsea, Mass.—Funded debt, coup. Funded debt, coup. Go Water loan, coup. Chicago—Water loan. Water loan. Sewerage bonds. Go River improvement bonds. Municipal bonds. Municipal and School bonds. South Park loan (secured on South. Div.) West Chicago Park (secured on West. Div.) Cook County debt. Cincinnati—Loans to Railroads F. A. G. H. L& M.	1870 1863 to '72	1,000 1,000 1,000 1,000 500,&c. 1,000 500 &c. 1,000 500 &c. 1,000 500 &c.	2,646,800 149,000 1,170,000 100,000 200,000 624,500 3,625,000 87,000 2,543,000 2,611,000 195,000 3,408,000 2,000,000 640,000 4,191,500 1,062,000	4 5 ¹ 2 6 7 6 6 7 6 7 7 6 7 7	Various F. & A. F. & J. J. & J.	do do Boston, N. Bk. Redemption do do do do do do New York and Boston. do New York (see remarks.) N. Y., Metropolitan Bank,	1879 to 1895 Feb. 17, 1883 Aug. 1, 1887-'95 1880 to '98 July 1, '82 to '99 July 1, 1880 1880 to '95 1890 to '95 July, 1895 & '96 1881 to '99 1878 to '79 1890 May 1, 1880-'92
Bonds for erection of a Workhouse. Bonds for Water Works	1855 1868 1860 to '61 1855 1847 to '50 1847 to '48 1867-'68 1853 1853 1853 1858 1869 1869 1869 1871-'72 1871-'72 1871-'74	1,000 1,000 1,000 1,000 1,000	210,000 250,000 300,000 99,000 195,000 397,500 146,500 750,000 100,000 150,000 150,000 150,000 136,000 450,000 600,000 9,300,000 6,000,000	7 3-10 7 3-10 6 6 6 6 7 3-10 7 3-10 7 3-10 7 7 7 7	M. & N. J. & D. Various J. & J. M. & N. A. & O. M. & N. Various J. & J. Various J. & S. M. & S. M. & S. M. & S. J. J. & J. J. J. & J. J. J. & J.	N. Y., Am. Exch. Nat. Bk. do	1880 to'84 Nov., 1885 June, 1888 1888 & 1889 Jan., 1890 Nov., 1890 April 1, 1895 March, 1897 Jan., 1900 June & Oct., 1900 March, 1908 Sept., 1899 Sept., 1899 Oct., 1899 March 1, 1886 Aug., 1886-'97 Dec. 1, 1891 July 1, 1902 July 1, 1902
do Floating debt bonds, coupon Park improvement Water-works bonds Hospital bonds Street improvement bonds, short Oleveland—Water works (\$225,000 are 6 p. ct.). Funded debt (\$100,000 are 6 p. ct.) Lake View Park Canal and canal lock The debt of Kings County, separate from the debt	1878 1874 1875 1875 1876 1876-'77 854 to '75 854 to '74 872 to '74	1,000 1,000 1,000 1,000	2,000,000 1,000,000 50,000 300,000 50,000 1,700,000 1,431,000 315,000 264,000	6 & 7 1 7 7 7 7 7 7 7 8 7 7	M. & N. N. M. & N. I. & J. F. & A. M. & N. Various Narious Various Various	New York or London. V., Am. Exch. Nat. B'k. do	May 1, 1906 Nov. 1, 1908 May 15, 1904 Jan. 1, 1896 Aug., '85. '90 & '95 May 1, 1906 1879 to '82 1879 to '95 1878 to '94 1887 to '92 1894 to '96

of Brooklyn, is \$4,181,821, of which the city is responsible for nineteen-twentieths. (V. 25, p. 258; V. 26, p. 282; V. 28, p. 41.)

Buffalo.—In 1875 resl and personal property were assessed at \$39,963,105; in 1875 rule of valuation changed and assessment was \$111,995,905. In 1877 real estate was \$91,130,570; persona ty, \$8,844,705; total, \$99,975,575. Buffulo also pays 7-10 (being \$712,390) of Eric county debt. City tax-rate, 1377, \$12,43 on the \$1,000. Since June 1, 1877, coupon bands have been exchangeable for registered. bonds have been exchaugeable for registered. (V. 22, p. 233, 521; V. 23, p. 135.)

Cambridge, Mass.—The sinking funds amounted to \$876,556. December 1, 1.77. The investments are nearly all in city binds at par and stamped "not negotiable." Only \$52,000 debt matures before 1881. Tax valuation, 1875, \$63,623,014; 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 \$17,1:2,610; personal, \$7,114.754; rate of tax, \$2 00 per \$100. (V. 26, p. 360; V. 27, p. 407.)

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

Chicago. The net funded debt January 1, 1879, was \$13,057,000. Old certificates of indebtedness, \$321,000 Advances and warrants, \$2,810,401. Assessed value of real property, 1873, \$104,420,

053; personal, \$27.561 383—total, \$131.981,435. Tax rate, 1875. \$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 price to the state of the sta held the certificates of debt issued prior to May, 1877, as in violation of this and void. A subsequent decision held city scrip of 1878 valid. Of the funded debt, \$4,248,000 is on account of the Water Works, which in 1878 yielded an income of \$837,176.

Year.	Assessed	Value.	Tax
	Real Estate.	Personal.	Rate.
1853	\$13,130,677	\$3,711,154	8
1855	21.637.530	5,355,393	
1855	25.802.303	5,843,776	
18:0	31,193.135	5.855,377	5 5 5 5
1862	31,587,545	5,552,300	15 00
1965	66,495,116	19,447,941	20 00
1867	140,857,040	51,392,694	13 00
1868	174,505,410		
1869	211,3 1,240	53,939,469	14 00
1870.		51,653,640	15 00
1971	223,643,600	52,342,950	15 00
1871	236,893,650	52,811,820	10 00
1872	239, 154, 890	45,042,543	15 00
1873	262,969,820	49,103,175	18 00
1874	258,549,310	45,155,830	18 (0
1875	125,468,635	48.295,541	
1876	131,222,460	36,815,713	
1877	11 4,584 314	34,715,834	27 04
1878	104,420,053	27,551,383	28 60

Population in 1870 was 306,605, and in October, 1878, 433,731, against 103,239 in 1360. 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. 442; V. 26, p. 192, 289, 436, 522; V. 28, p. 223.)

Cincinnati.-In addition to the issues above

named, there remain several smaller amounts, as folnamed, there remain several smaller amounts, as follows: \$108,000 5s. November, 1834; \$56,000 (YY2, & O.) 6s, 1886-88; \$17,000 6s (Q.), Nov., 1890; \$27,000 6s (A.), Mar., 1897; \$50,000 (H2.), Aug., 1897. City holds \$950,000 of Cincinnati Southern bonds in sinking funds. In 1870 the population was 216,239, against 161,044 in 1860. Tax rate for 1877, \$29 10 per \$1,000. The following table from the books of the Auditor of Hamilton County, Ohio, exhibits the assessed valuation of the city of Cincinnati in the year 1860, and from 1870 to 1877: the year 1860, and from 1870 to 1877:

		- ``			Rate tax
		Real	Personal	Total	per
1	Year.	estate.	estate.	valuation.	\$1,000.
į	1860	\$61,620,904	\$31,411,812	\$93,032,716	\$17 45
i	1870	78,736,432	57,370,754	136,107,236	
1	1871	123,427,888	56,934,044	180,861,932	
į	· 1872	119,621,856	55,462,410	175,084,295	
į	1873	121,479,250	64,166,460	185,645,740	
1	1874	123,231,790	58.7 8.284	181,950,074	
1	1875		58,521,730	184.498,565	28 82
1	1876	127,143,900	55,809,066	183,952,956	
ł		128,520,270	50,6)9,872		27 04
į	1879		00,070,012	179,430,142	29 10
l			0010 0	168,0.0,000	
Ì	Cincin	noti Souther	sole owner	of the stoc	k of the
ì	CILICIL	mati Southe	rn Railroad,	which is lea	sed to a

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. 25, p. 624; V. 29, p. 17.) Cleveland.—The valuation of property for taxation in 18.77 was \$51.732,029 real, and \$19.296.122 personal; tax rate, 1878, 17 17-20 mills, of which 8 1-5 mills are levied for interest and sinking fund. The sinking lax rate, 1878, 17 17-20 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 benefitted. (V 97 p. 877)

fitted. (V. 27, p. 677.)

DEGGDIDMION	Date of	l gins on	I A	1 .	. 1	INTEREST.	Principal—When
DESCRIPTION.	bonds.	Size or	Amount outstanding.	Rate.	When	Where payable and by	due.
For explanations see notes on first page of tables.		value.		Lave.	payable	whom.	
Cleveland-(Continued)-							
School (\$294,000 are 6 p. ct.)	1864 to '71	\$	\$109,000 200,000	6 & 7	J. & J.	N.Y., Amer. Exch. Nat. Bk.	1878 to '88 1878, '83 & '84
House of Correction	1860 to '76	3	647.259	6 & 7	Various	do do	1878 to '92
Street improvemite do	· ·		1,335,441		Various		1878 to '84
Street openings, &c., do Infrmary and River dredging Viaduct (mostly F. & A., A. & O. and J. & D.) Ronds	1876-77		1,010,463 111,000	6	Various	do do	1878 to '86 1878-'87
Viaduct (mostly F. & A., A. & O. and J. & D.)	1873 to '77	1,000	1,568,000		Various	do do	1893 & 1907
Bonds		1,000	213,000 378,000	6	M. & S.	New York.	Sept. 1, '78, to '86 1898
Des Moines, Iowa—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 7	J. & J.	do	July, 1885
Funding hand fund	1878 1855 to '59	1,000	175,000 130,400	7	J. & J.	N. Y., Metropolitan N. Bk.	July, 1888 1879 to '89
Bonds for Water Work Co., on city's credit	11855 to '76	1,000	1,401,000	7	Various	do do	1879 to 1906
Public Building stock (City Hall) bonds Public sewer bonds	1859 to '71		600,000 340,500	7	Various F. & A.		1879 to '91 1892 to '94
Bonds for purchase Belle Isle	1879		200,000	4			
Bonds for purchase Belle Isle Elizabeth, N. J.—Improvement bonds	1871 to '74	1,000	297,500	7	Various	N. Y., Farmers' L. & T. Co.	1879 to '81
Consol. improvement bonds	1870 to '75	1,000	986,000 755,000	7	Various	do 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		1879 to '86
Consolidated improvement bonds. Funded assessment bonds.	1875-70	1,000	1,57 5,000 712,000	7	A. & O.	do do	1885 to '96
Tax arrearage bonds			244,000				
Evansville, Indiana.—E. H. & N. RR. bonds City wharf bonds.	1 1868		250,000 100,000	7	M. & N. M. & N.	New York.	May 1, 1898 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 1876		300,000 300,000	7 3-10	J. & J. A. & O.		July 1, 1895 April 1, 1906
do do	1876		105,000	7	M. & N.	do	May 15, 1906
do do	1877		100,000	6	J. & D.		June 1, 1907
do do	1878	Large.	100,000	7	Various	do City Treasury.	1908 1881 to 1888
City bonds		1000&c.	250,000	5, 6, 7	Various	do	1880 to 1891
do do	••••	1,000	600,000 400,000	5 g.	F. & A.	Boston, Revere Bank. Boston, Bank Redemption.	Aug. 1, 1894 May 1, 1895
Water loan		1,000	200,000	6	M. & N.	do do	Nov. 1.1879-1880
do		1,000	372,000	6	M. & N.	do do	Nov. 1, 1892-1906
do Mitchburg, Muss.—City notes	••••	1,000	850,000 50,000	67	F. & A. M. & N.	do do City Trensury.	Aug. 1, 1899-1905 Nov. 20, 1882
City bonds.—City notes		1,000	400,000	. 6	J. & J.	Boston, Merchants' Bank.	July 1, 1893
water loan	••••	1,000	300,000 100,000	6 6	J. & J. J. & J.	do do do do	July 1, 1891 July 1, 1895–1906
do Alveston, Texas- Bonds for various purposes	1869 to '75	1,000	467,800		Various	Galveston.	1880 to '91
Limited debt bonds (sinking fund 2 per cent).	1877-8-9	••••	362,700		M. & 8.	do	1907-1909
Bonds to purchase blk. 321	$\begin{array}{c} 1873 \\ 1876 \end{array}$		$35,000 \mid 414,000 \mid$	10	M. & F. J. & J.	do New York.	1993-1902 1906
Hartford, Conn.—Water bonds (\$50,000 due '81)		1,000	250,000	6	J. & D.	Merchants' Bank, Boston.	June 1, 1879 &'81
Water bonds		1,000 100 &c.	125,000	6	J. & J. J. & J.	do do	July 1, 1881
do do		1,000	475,000 202,000	6	F. & A.	Phœnix Bank, Hartford. City Treasury.	July 1, 1890-'93 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) Funded debt		1,000	130,000 300,000		F. & A. J. & J.	Merchants' Bank, Boston. City Treasury.	Jan. 1, 1882 & '84
Capitol bonds		1,000	1,000,000	6	J. & J.	do	Jan. 1, 1897
Iolyoke, Mass.—City notes	1871-74	1,000	205,000	6 & 7	Various	City Treasury.	1879 to 1886
City bonds, sinking fund	$1874 \\ 1872$	1,000	271,000 250,000	6	A. & O. J. & J.	do do	Oct. 1, 1289 Jan. 1, 1900
Railroad loan do (\$60,000 are J. & J.).	1873	1,000	226,500	7	A. & O.	do	Jan.&Apr.1, 1894
ndianapolis—Bonds to railroads	1869 to '70 1877	500 1,000	155,000 500,000	6 6	Jan. J. & J.	N. Y., Winslow, L. & Co.	Jan. 1, 1889, to'90 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	2.3	J. & J.	do do	July 1, 1894
do do Cdo do D	1874 1875	1,000	300,000 200,000		J. & J. J. & J.	do do do	July 1, 1894 July 1, 1895
Purchase-money bonds-Southern Park	1874	500	109,500	7.3	J. & J.	đo do	Jan. 1. 1599
ersey City-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 do do do do	1869 to 73	1,000	3,109,800 416,000		Various J. & J.	do do do	1899 to 1913 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 2,161,500		M. & N. Various	do do do	May, 1891 1892 to 1906
do do Morgan street dock.	1879 to 78				A MILIORS!	uv uv	
Funded debt bonds	1872 to '76 1870	1,000	125,000	7	J. & J.	do do	June 8. 1900
Old Jersey City bonds, coupon	1872 to '76 1870 1872	1,000	$125,000 \mid 500,000 \mid$	7	J. & J. M. & N.	do do	June 8, 1900 May 1, 1897
Hudson City hands	1872 to '76 1870 1872 Various.	1,000 1,000 1,000	125,000 500,000 835,400	6 & 7	M. & N. Various	do do do	May 1, 1897 1879-'90
Hudson City bonds. Bergen school loan bonds.	1872 to '76 1870 1872 Various. Various. 1869	1,000	$125,000 \mid 500,000 \mid$	6 & 7	M. & N. Various Various J. & J.	do do	May 1, 1897
Hudson City bonds. Bergen school loan bonds. do street improvement bonds	1872 to '76 1870 1872 Various. Various. 1869 1869	1,000 1,000 1,000 Various 1,000&c 1,000&c	125,000 500,000 835,400 173,550 150,000 400,000	6 & 7 7 7 7	M. & N. Various Various J. & J. J. & J.	do	May 1, 1897 1879-'90 Various. Jan., '98 to 1900 July, 1889
Hudson City bonds. Bergen school loan bonds. do street improvement bonds. do bounty loan.	1872 to '76 1870 1872 Various. Various. 1869 1869 Various.	1,000 1,000 1,000 Various 1,000&c 1,000&c Various	125,000 500,000 835,400 173,550 150,000 400,000 73,000	6 & 7 7 7 7	M. & N. Various Various J. & J. J. & J. Various	do d	May 1, 1897 1879-'90 Various. Jan., '98 to 1900 July, 1889 Various.
Hudson City bonds. Bergen school loan bonds. do street improvement bonds do bounty loan. Greenville street improvement bonds, &c Assessment funding bonds.	1872 to '76 1870 1872 Various. Various. 1869 1869 Various. Various. 1875-'76	1,000 1,000 1,000 Various 1,000&c 1,000&c	125,000 500,000 835,400 173,550 150,000 400,000 73,000 125,500 900,000	6 & 7 7 7 7 7 7	M. & N. Various Various J. & J. J. & J. Various J. & J. Various J. & J.	do d	May 1, 1897 1879-'90 Various. Jan., '98 to 1900 July, 1889 Various. Various. 1905-6
Hudson City bonds. Bergen school loan bonds. do street improvement bonds. do bounty loan. Greenville street improvement bonds, &c	1872 to '76 1870 1872 Various. Various. 1869 1869 Various. Various.	1,000 1,000 1,000 Various 1,000&c 1,000&c Various 500 &c.	125,000 500,000 835,400 173,550 150,000 400,000 73,000 125,500	6 & 7 7 7 7 7 7	M. & N. Various Various J. & J. J. & J. Various J. & J.	do d	May 1, 1897 1879-'90 Various. Jan., '98 to 1900 July, 1889 Various. Various.

- Tax rate, \$5 per \$10J.

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, 101,083. 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 40,706,665, against \$10,700 and in 1973. erty, \$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, 1-73, see V. 28, p. 146. Suits on bonds are pending. Total bonded and floating debt Jan. 1, 1879, was stated at \$5.8-3,865. Estimated true value of real and personal property, \$2-,00-,000; assessed valuation, \$14,4-0,000. Tax rate is \$3.56 within the lamp and water district. Population in 1875, 25,000. (V. 27, p. 491, 539; V. 28, p. 146,599, 624, 641; V. 29, p. 120, 225, 277, 357, 563.)

Evansville, Ind .- No floating debt. Total assessm-nt of real and pe sonal property in 1878, \$23,-500,000; tax rate, \$1.25.

Fall River. Mass.—The sinking fund amounted to \$143,668, January 1, 1877. The water works are now completed. Total debt, \$3,5:7,047. Population 1.772 45, 240 tion, 1875, 45,840.

Fitchburg, L'ass.—Sinking fund, \$101,000. Total

Galveston, Texas.—The total city debt is \$305,500, 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 per-onal property. 1878, \$17,000,000. Tax rate, \$1 25 on \$100. (V. 25, p. 283.)

Har'ford, Conn .- Total debt, April, 1878, \$3,050,-00); net after deducting resources, \$2,152,100. Tax rate in 1877, 9% mills for city, and 8% for town purposes; for 1878, 8% mills for city was recommended. (V. 23, p. 593.)

Holyoke. Mass.—Bonds all coupon, but can be registered. Sinking funds, \$45,500. Total debt, \$96,50. Tax valuation, 1577, \$9,393,820. Population, 1875, 16,260.

Indianapolis - The assessment of taxable property in 1878 was \$50,029.975; tax rate, \$1 08 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

Jersey City.—One of the main cause: of the temporary embarra sment of Jersey City is found in the failure to collect back assessments. The Evening Post writes as quoted at length in the Chronicle, (Vol. 28. p. 173) that an examination of the assessments charged against property will show that this account has never yielded enough to pay more than the interest on its own bonds, and since 18:4 it has not sufficed for that.

Des Moines, Iowa.—Assessed value of property. debt, \$990,00°. Tax valuation, 1879, \$9,570,997. What is reasonably to be expected out of these \$5,04.24°, which is about 5° per cent of true value. Bonds all coupon. Population, 1875, 12,289. arrears of assessments, which almost cost more than they can ever be worth? The best wy to come at this is to review the assessment account up to Ja uary 22, 1879. This reads as follows:

A. Total amount for which assessment bonds were i-su d \$6,060,000 B. Total amount of assessments as orig-5,582,537 3,989,262 Amount placed on the city by this re-assessment.... 1,152,789 Amou t collected on original confirmation Amount collected or re-confirmation. 1,894,219 2,854,747

Amount placed on city on assessments 1,558,783 not re-assessed Amount of assessments not set aside. 396,782 Amount n: w confirmed and due (obtained by subtracting from the sum of items C and G, the sum of D and H, and subtracting from the result 1,588,676 item F)......

In this balance due of \$1,588,676, the interest accrued has not been included. This would amount to about \$200,000. It is concluded that \$1.250,000 is a reasonable net sum to be expected out of the back asses ments.

assessments.

The total debt of the city January, 1879, was \$16,352,014; sinking funds, \$1,014,536; taxes due and unpaid, \$2,394,491. Assessed valuation, 1877: Jersey City, real \$54.581,869, personal \$6,0.3,150; Hoboken, real \$14,016,900, personal \$1,443,400; Bayonne, real \$5,183,255, personal \$159,775. Population by State census in 1875 was 116,883, against 85,000 by U. S. census of 1870. (V. 28, p. 173, 199, 352, 451; V. 29, p. 120, 357.)

Every color France Franc	1879-1884 1880 to 1892 July 1, 1894 Oct. 1, '90, to 1906 July 1, 1882 June 1, 1883 & '88 July 1, 1885& 1901 July 1, '93-1913 Oct. 1, '97-1907-'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886, '96, '97 July 1, 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1880, '94 & 1901 Sept., 1891
Funded debt.	1880 to 1892 July 1, 1894 Oct. 1, '90, to 1906 July 1, 1882 June 1, 1883 & '88 July 1, 1885&1901 July 1, '93-1913 Oct.1, '97-1907'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886, '96, '97 July 1, 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1889, '94 & 1901
Funded debt	1880 to 1892 July 1, 1894 Oct. 1, '90, to 1906 July 1, 1882 June 1, 1883 & '88 July 1, 1885&1901 July 1, '93-1913 Oct.1, '97-1907'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886, '96, '97 July 1, 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1889, '94 & 1901
Water loan	July 1, 1894 Oct. 1, '90, to 1906 July 1, 1882 June 1, 1883 & '88 July 1,1885&1901 July 1, '93-1913 Oct. 1, '97-1907-'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886,' 96, '97 July 1, 1903 1881, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1889, '94 & 1901
Leviston, Me.—City bonds (\$25,000 each year). 25,000 of (\$11,000) 6 J. & J. of (\$1	July 1, 1882 June 1, 1883 & '88 July 1, 1885 & 1901 July 1, '93-1913 Oct.1, '97-1907-'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886, '96, '97 July 1, 1903 1881, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1889
100,000 6 J. & D. 320,000 6 J. & J. 320,000 J. 320,	June 1, 1883 & '88 July 1, 1885 & 1901 July 1, '93-1913 Oct.1, '97-1907-'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886,' 96, '97 July 1, 1903 1891, '92 & 1903 1893 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
Lewiston & Auburn Railroad	July 1,1885&1901 July 1,'93-1913 Oct.1,'97-1907-'17 April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886,' 96, '97 July 1, 1903 1881 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
Water bonds	April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886,' 96, '97 July 1, 1903 1891, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1880, '94 & 1901
Subscription to stock of L. & N. RR. 1854 1,000 377,000 6 A. & O. N. Y., Mercantile N. Bank of America. 1871 1,000 1,311,000 6 Various M. & S. Various Various M. & S. Various Various M. & S. Various Vario	April, 1882 April, 1883 1887, '89, 91 March 1, 1883 1886,' 96, '97 July 1, 1903 1891, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1880, '94 & 1901
Water works	1887, '89, 91 March 1, 1883 1886, '96, '97 July 1, 1903 1891, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
For improvement of streets	March 1, 1883 1886,' 96, '97 July 1, 1903 1891,'92 & 1903 1883 to'89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1880, '94 & 1901
1873	1891, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1889 1880, '94 & 1901
Public school and school houses 1853 to 70 1,000 180,000 6 Various J. & J. N. Y., Bank of America. 1868 1,000 1,000 425,000 7 J. & D. J. & D. Various J. & J. & D. Various J. & J. Various	1891, '92 & 1903 1883 to '89 July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
1868 1,000	July, 1898 June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
Wharf property	June, 1901 1888 & 1903 1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
Wharf property '54,'62,3,8 1,000 288,000 6 Various Louisville and New York. Jail bords 1868 1,000 133,000 6 J. & D. do d	1879 to 1898 Oct. 1, 1898 1889 1880, '94 & 1901
For old liabilities.	Oct. 1, 1898 1889 1880, '94 & 1901
1870 to '74 1,000 605,000 7 1,000 500,000 7 1,000 1,	1880, '94 & 1901
1871 1,000 1,000 350,000 7 7 8 8 8 8 8 8 8 8	Sent 1891
Road bed do do 1871 to '73 1,000 350,000 7 1,508,000 1,508,0	Depu., 1031
City Bonds pay ble by RRs. (mostly L.& Nash.) 1851 to '63 1,000 1,508,000 6 481,000 5 to 7 Various Var	Feb. 1, 1880 July, 1901 & 1903
Water notes. 1871 to '76 1870 Large. 500,000 1,300	1881 to '93
Water bonds. 1870 1,000 1,300,000 6 M. & N. Boston, Bank Redemption. ymn, Mass.—City notes. 1870—3-5 Large. 175,000 6,7 Various Various Various J. & J. City Treasury. Water bonds. 1871—4-6 1.000 450,000 6 J. & J. Boston, Bank Redemption. Funded debt. 1862 to '76 500 &c. 387,500 5, 5½, 6 Various Various J. & J. Boston, Bank Republic. City Hall and School House 1857 to '87 1000 387,500 5, 5½, 6 Various Various Jreas'y & Bost. Bk. Republ.	1879 to 1894 1886 to 1894
Funded debt. 1862 to '76 500 &c. 387,500 5, 512, 6 Various Treas'y & Bost. Bk. Republ.	Nov. 1, 1890
Funded debt. 1862 to '76 500 &c. 387,500 5, 512, 6 Various Treas'y & Bost. Bk. Republ.	1887 to 1890 1885 to 1890
City Hall and School House	Tuly 1, '91-'94-'96
anchestes W II City hands	1879 to 1896 1882 to 1896
City bonds (77, 200 1991 december 1997) 117,500 6 J. & J. City Treasury. Ja	fan. 1, 1880–1894
(10)	April 1, 1884-'85
water bonds (\$100,000 each year)	May 1, 1893 July 1, 1890 & '95
Sewer bonds (\$8,000 1880, '81, '83, '85)	837-'92-'97-1902
Suncook Valley Railroad 1,000 100 &c. 29,500 6 F. & A. do J.	uly 1, 1880 to '85 Aug. 1, 1879 to '87
Post bonds	1873 to 1902
Funding 10an, gold	1873 to 1900 Nov., 1900
Endorsement Memphis & Little Rock RR. 1857 1000 300,000 7 7 7 6 7	
Compromise bonds, coupon	July, 1872 1907
General six hards	June 1, 1891
Wester and do	Jan. 1, 1901 June 1, 1896
do registered 1872 1,000 429,000 7 J. & J. do do	Jan. 1, 1902
inneapolis, Minn.—City bonds	Jan. 1, 1902 Dec. 2, 1892
do do do	Feb. 2, 1894
Western division	May 1, 1905 1881 to 1885
do	1886 to 1900
do	uly,'91-'96-1902 'eb. 1, 1891 & '9
300 125,000 7 M. & N. do do	Nov. 1, 1901
ishville, Tenn.—Nashville & Chatt, Railroad 1849 1 000 184 000 6 Warious	Nev., 1905 1875-77-79
various city bonds	1870 to '96
Var bonds, floating debt, &c. (s. fund of 1864)	1879 to '93
"tiblic school bonds	1879 to '91 pril, 1888, to' 91
Corporate bonds, coup, or reg. (ac. Apr. 21. 76). 1878 1,000 400,000 7 J. & J. Newark, Mech. Nat. Bank.	July 1, 1895
ewer and improvement bonds (local liens) 1,000 2,500,000 7 M. & S. Newark, Mech. Nat. Bank.	Aug. 1, 1908 1879 to '93
Bonds	1879 & 1892
Eax airearage bonds	1909 1886–'87
ty improvement 72,006 6,7 A. & O. City Treasury.	1879 to 1889
Var loan	1891 to 1910 1879 to 1884
Water bonds 1876 1,000 100,000 5 A. & O.	1900 to 1904
do 1879-71 1 1000 200,000 7 A. & O.	1885 to 1909 1883 to 1909
no Haven, Conn.—Sewerage	ct. 1, '91 & 1901
For Derby Railroad (\$20,000 payable yearly) 1867 1,000 160,000 6 J. & J.	
City bonds (10-20 bonds) $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	July 1, 1881 ct. 1, 1873 to '86

Lawrence, Mass.--Total debt, \$1,79).700, of which \$20,000 are 7 per cents. Sinking fund, \$.0,000. Tax valuation, 1879. \$23,088,997; tax rate, \$16 40. Population, 1875, 34,916.

Lewiston, Me.—Total debt, \$1,096,107; sinking fund, \$90,410. The railroad bonds were issued to build the Lewiston & Auburn RR., which is owned by the cities of those names. Assessed valuation 1877, \$11,749,602; tax rate, 2) mil's on the \$1.

1877, \$11,749,602; tax rate, 2) mil's on the \$1.

Louisville.—The funded debt, January 1, 1879, exclusive of loans pay ble by railroad, was \$3 079,000, against \$3,182.0 6 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 concus of 1870 was 100,750, against 68,033 in 1860; now estimated upon the basis of 7 to a voter makes 120,000. Assessed value of property was highest in 1874, being then \$78,295,114; in 1873 it was \$63,194,487. Rate of taxation for all city purposes in 1878 was \$2 17 on \$100 in each district. The following figures give the assessed property valuation for the past eight years. For 1871, \$76,845,995; 1872, \$77,156,642; 1873, \$77,225,372; 1874, \$78,295,114; 1875, \$75,536,812; 1876, \$71,849,772; 1877, \$68,522,947; 1878, \$63,194,487. In order that this shrinkage in values may be better understood, the following table is added:

1876. 1878.

Lowell, Mass.—All the notes held by savings banks. Water loan sinking fund, \$215.000. Sinking fund for debt of '76 \$8,000. Tax valuation, '79, \$33.665.000. Total debt, \$2,281,000. Population, '79, 50,000.

Lunn, Mass.—Total debt, \$2 256.000. Sinking fund, \$166,470. Tax valuation, 1870, \$20,927,115. Population, 1875, 32,900.

Manchester, N. H .-- Total debt, \$929,000; assets,

Memphis, Tenn.—The city has been in default for interest since Jan. 1, 1873. The legi-lature passed a till, 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. c urts. The circular of July, 1877, urged the city creditors to accept the proposition to assue 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 Legisla ure authorized the payment of 55 cents. Assess d 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, D. 114; V. 27, D. 652, 678; V. 28, D. 121, 146, 224, 179, 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, \$1,101,0°0; tax valuation, 1879, about \$24,000,000; tax rate, 14:35 mills; bonds at coupon.

Mobile.—The valuation of property in 1877 was \$11,-022,049 real estate and \$6.118,462 personal property; tax rate. 16-10 per cent. Interest was in default from July, 1873. A settlement with bondholders was offered by Act of March 9. 1875, viz.: \$510 in 6 per cent bond for \$1,000 of the old 8 per cent. The 5 per cent bonds have a lien on city revenue, and

exchange for these was offered at 75 per cent of their face. In February, 1879, the Legislature repealed the charter of the city, and in October, 1879, a meet ng 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. 2.4, 327; V. 29, p. 278, 374.)

Nashville, Tenn.—At the close of the fiscal year, Sept. 30,73, there were \$30,155 of past-due coupons, judgments, overdrafts. &c. The total debt was \$1,712,635, against \$1,671,360 Oct 1, 1877. Assessed yaluation of all property, about \$11,000,000; tax rate, 1878, 2 per cent.

Newark.—The bonds in the first line in the table are payable out of the sinking fund of 1859, which amounts to \$114,900; those in second line out of sinking fund of 1864, \$,017,00; public school bonds out of public school fund, \$179,000; Clinton Hill bonds by sinking fund, \$53,000; 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, \$2,000 Tax rate for all purposes, 1879, \$2 06 per \$100. Population in 1870, 105,059. (V. 28, p. 253.)

N. Bedford Mass.—Total debt, \$1,123,000. Ne sinking fund. Tax variation in 1878—real estate, \$12.88 8,700; 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 guaranteen \$2.5,000 of its 2d mortgage bonds. Population, 1870, 50,840. Tax rate, 1578, 9 mills.

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

DESCRIPTION.	Date of	Size or	Amount			NTEREST.	Principal—When
or explanations see notes on first page of tables.	Bonds.	value.	outstanding.	Rate.	When payable	Where payable and by whom.	due.
The state of the s	1050	Ø1 000	\$1,377,250	6	J. & J.	New Orleans.	July 1, 1892
ew Orleans—Consolidated debt		\$1,000 1,000	703,000	6	Various	do	1874-5 & 1894
Waterworks loan of 1869	1869		171,700	6 5 7	J. & J.	do	Jan. 1, 1899
Seven per cent funding loan of 1869	1869		628,100	7	M. & S.	do do	March 1, 1894 June 1, 1895
Seven per cent funding loan of 1869 Seven per cent funding loan of 1870 Jefferson City (debt assumed)	1870		436,000	. 7 8	J. & D. Various	do	1887 to 1897
Jefferson City (debt assumed)	1870	• • • • •	98,000 270,000	7.3	J. & D.	do	Dec., 1880 Aug. 1, 1911
Wharf impr. bonds (assumed by lesses) Street improvement bonds	1871	1,000	30,000	7.3	F. & A.	do	Aug. 1, 1911
Consol, gold bonds (gen'l and drainage series)	1872	1,000	216,000	7 g.	QJ.	New York or London.	July 1, 1922 April 1, 1881
Consol. gold bonds (gen'l and drainage series) Ten per cent bonds, deticit and old claim	1871	Various.	325,350	10	A. & O.	New Orleans.	April 1, 1881
New premium bonds (in exchange)			11,298,740	5	1		
N. O. Waterw'ks Co. new bds. (for \$2,000,000)	1004 40 275	1 000 60	307,000	5, 6& 612	Various	City Treasury.	1879 to 1895
ewton, Mass.—City bonds and notes	1875	1,000	812,750	5 & 6	J. & J.	Boston, Comm'nwealth Bk.	July 1, 1905
Water loan (\$600,000 6s, balance 5s) www.York—Water stock	1841 to '63	100 &c.	2,414,000	5 & 6	Q.—F. M. & N.) 9	1919 % 1990
Water stock Croton water stock	1872	100 &c.	500,000		M. & N.	ag.	Nov. 1, 1902 1883 & 1890
Croton water stock	1846 to '69	100 &c.	2,900,000 250,000	5 & 6	Q.—F. Q.—F.	Du l	Aug. 1, 1884
New Croton Aqueduct stock. Additional new Croton Aqueduct. Croton water main stock.	1865-6	500 80	3,618,600	5,6 & 7	ÖF.	gold bonds as	Aug. 1, 1900
Additional new Croton Aqueduct	1871 to 79	500 &c.	5,030,000	5,6 & 7	QF. M. & N.	70	Nov. 1,1900&190
Croton Reservoir bonds	1865 to '74	100 &c.	970,637	6	Q.—F. Q.—F.	2	1907 to 1917
Croton Reservoir bonds. Croton Aqueduct bonds.	1866 to '70	100 &c.	490,000	6	QF.	1	1907 to 1911 1880
Croton water pipe bonds. Cent. Park fund stock (\$275,000 only due '98)	1869	100 &c.	400,000	7	M. & N. Q.—F. M. & N.	the	1887 & 1898
Cent. Park fund stock (\$275,000 only due '98)	1857 to '59	100 &c.	3;341,071 500,000	5	M. & N		1884
Improvement bonds	1879	500	24,000	5	M. & N.	g. i.	1880
Third Avenue improvement bonds (23d ward) Central Park fund stock Central Park improvement fund stock	1856	100 &c.	399,300	5	QF.	House, except such interest of essrs. Rothschild's in London.	July 1, 1898
Central Park improvement fund stock	1858 to '71	100 &c.	3.849.800	6	QF.	a a	1887 & 1895
			6,850,000		M. & N.	52	Nev. 1, 1901 to '1 1894 & 1897
Market stock	1865 & 68	100 &c	296,000	6 & 7	M. & N. M. & N.		1888
City Cemetery Stock	1 1809	100 00.	75,000 2,215,900	5 & 6 g.	M. & N.	de de la	189, 92, 96 & 192
City improvem't st'k (part red'mable after '96)	1876 1870-'73	500 &c. 500 &c.	7,269,400	7 5.	M. & N.	a a a	1889 & 1892
do do Lunatic Asylum stock Fire Department stock Fire telegraph bonds	1869-'70	100 &c.	700,000	6 & 7	M. & N.	E E	1889
Fire Department stock	1869 70	100 &c	521,953	6	M. & N.	e e e	1899
Fire telegraph bonds	1870-'73	100 &c	597,586	6	M. & N.	1 34	1884 1890
Tax relief bonds, coupon N.Y.Bridge bds (\$2,200,000 red.after July,'96) Accumulated debt bonds	1870	500 &c.	3,000,000	5 & 6	M. & N. M. & N.	9.2	1905 & 1926
N.Y.Bridge bds (\$2,200,000 red.after July,'96)	1869-79	500 &c.	3,700,000 6,500,000	7	M. & N.	97.	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.	H H S	1880 to '82
Ninth District Court-house bonds	1871	500 &c.	300,000	7	M. & N.	+ 5	1890 Nov. 1, 1880 to '8
Department of Parks improvement bonds	1874-'79	500 &c.	2,168,000	5 & 6	M. & N. M. & N.	1 25	Nov. 1, 1880 to 8
Assessment bonds	1 1874-'78	500 &c.	7,977,900 5,660,000	5 6 7 6 60	M & N	3 3	1901-1904
City parks improvement fund stock Normal school fund stock	1871-78	500 &c.		6	M. & N.		Nov. 1, 1891
Normal school fund stock	1871	500 &c.		6	M. & N.	11 9.55 1	Nov. 1, 1891
Additional Croton water stock	1871-'79	500 &c.	1,274,000	5,6 & 7	M. & N.	Comptroller's Office, Nabroad, and that is pay	Nov. 1, 1891 Nov. 1, 1882 & '8
Sewer repair stock	1872	500 &c.	265,000	6 7	M. & N.	2 6	1894 to '96
Consolidated stock	1874	500 &c.	8,779,700	6 & 7	M. & N.		May,'97, 1916-'2
do 20-50 (redeemable July '96)	1876	500 &c.	$2,058,350 \\ 954,000$	5 & 6	M. & N.		1903
Museum of Art and Natural History stock Third District Court-house bonds	1874	500	398,000	5 & 6	M. & N.	ti ti	Nov. 1, 1890
Armories and drill-rooms	1877		375,880	5	M. & N.	e e e	1880 & 1881
Armories and drill-rooms Central Park commission improvement bonds	1878 & '79	500 &c.	733,000	6	M. & N	2 %	Nov. 1, 1830 & '8 1880 to '92
County Court-house stock. do do No. 3 do do No. 4 & 5	1862 to '68	100 &c.	1,880,000	6 7	M. & N. M. & N.	ll to the	1884 to '88
do do No. 3	1871	100 &c.	600,000 574,100	5 & 6	M. & N.	a o	1894 to '98
Soldiers' bounty fund bonds.	1864	100 &c.	4,000,000	6	M. & N.	Sq	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.	City	1895 to '97 1891
Soldiers' bounty fund red. bouds. No. 2	1865	100 &c.			M. & N. M. & N.	ا ا	1879
Riot damages red. bondsdo indemnity bonds	1864	100 &c.	500,000 855,204		M. & N.	is is	1882
Augagment fund stock	1864 to 72	100 &6.	1,719,400		M. & N.	•	1887
do do	1873	100 &c.	493,200		M. & N.		1903
do do	1875	100 &c	900,450	6	M. & N.	il ä	1910 1884 to '88
Repairs to buildings stock. Consolidated stock, gold, coupon	1870	100 &c	100,000		M. & N.		1896 to 1901
Consolidated stock, gold, coupon	11871 to '72	500 &c.	14,702,000		M. & N.	11	1884 to '88
Accumulated debt bonds	11869 to 70	100 &c.			M. & N.		1891
N. Y. and Westchester Co. improvement bonds Consolidated stock		100 &c.		7	J. & D.	1 8	1896
For State sinking fund deficiency	1874	100 &c.	3,119,600	7	M. & N.	1 5	1880 to '86
Debt of Westchester towns annexed			1,100,000)	M 0 37	1 1	1908-1928
Consolidated stock, gold	1 1878	500 &c.	6,900,000	5 g.	M. & N.	Norfolk, Treasurer's Office	
orfolk, Va.—Registered stock		100	942,771		M & S	do do	1890-'94-'99
Coupon bonds (\$20,000 due '94 are 6s J. & J.)	1870-'74 1872-'73	100	329,000 415,800		A. & O.	Norfolk, Cit. & Peop. Bank	Apl., '92; July,'
Trust & paving, coup. (pav'g, \$189,300, J.&J.) Coupon bds, water (a mort. on water works.)	1871	100	500,000	8	M. & N.	New York, Park N. Bank.	May, 1901
orwich, Conn.—City bends	1 1868	1,000	125,000	7	A. & O.	Thames N.Bk; Bost., Bk.Rej	Oct. 1, 1893
City bonds.	1877	1,000	160,000	5	A. & O.	Norwich.	April 1, 1907 Jan. 1, '98 & 190
Oldy bonds							
Water loan (\$50,000 1890, \$250,000, 1898) Court House.	1868 & '70	1,000	200,000 164,000		J. & J. J. & J.	do do	Jan. 1, 1905 April 1, 1908

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 1876 is \$111,123,6.5, real and personal. State tax, 14½ miles; city tax, 15 miles; total tax, 29½. A scheme for settling the debt by a bond premium drawing plan is in practice, and drawings take place Jan. 31, April 15, July 31, and October 15. Population in 1879, 191,418; in 1860, 138,670. (V. 27, p. 143, 228, 629; V. 28, p. 18, 352.)

Newton, Mass. Total debt, \$1,252,054. Tax valuation, 1878, \$25,012.9:0; rate, \$13.80 per \$1,00). Population, 1875, 16,:05.

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

Description. Jan. 1, '77. Jan. 1, '78. Jan. 1, '79. Funded debt....\$119,631,313 \$121,440,133 \$126,123,815 Sinking funds... 28,179,102 31,080,007 32,143,787

Net debt...... 91,452,211 90,360,126 93,985,023 Temporary debt. 22,371,400 21,329,500 13,481,500 Revenue bonds. 6,104,844 6,951,424 5,952,075

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

-					•
. 1			-Rat	e tax p]
, !	Real	Personal	\$1,	000.	Net
	Year. estate.	estate.	State.	City.	debt.
-	*	*			*
	1861406,955,665	174,621,306	3 62	16 36	*20,087,301
	1862399,556,404	172,416,031	3 87	13 45	*21,695,506
1	1863402,187,382		4 27	16 08	*26,185,190
	1864410,774,435	223,920,505	5 31	17 24	*33,769,601
- 1	1865427,360,884	18:,423 471	4 96	24 94	*35,973,597
	1866473,934,931	257,994,974	3 94	19 06	*33,654,683
	1867555,447,062	276,399,451	4 67	22 03	*32,914,421
	668623, 236, 555	285 199,972	6 13	20 17	*35,983,647
	1369684,183,918	281,142,696	2 72	9 98	*17,791,840
	1870742,103,075	305,285,374	2 70	19 80	*73,373,552
	1871769.302.250	306,947,233	4 43	17 27	*38,369,386
	1872797,148,665	306,949,422	5 20	23 81	*95,582,153
	1873836,693.380	29 2,5 7,643	5 41	19 59	*106,363,471
	874881,547.995		6 95	21 05	*114,979,970
	1875883.643.545	217,300,154	29		*116,773,721
1	1876892,428,165	218 626,178	28		*119,811,310
t	1877895.9+3.933	206,028,160	26	50	*117,700,742
t	1-78.400.855.700	197,532,075	25	51	*113,415,408
	1379918,131,380	175,934,955	25	80	

[&]quot; Less sinking funds.

By an act of 1874 the towns of West Farms, Morrisania and Kingsbridge, embracing about 12,000 acres, were annexed to New York. Last report of Comptroller in Vol. 29, p. 253. Mayor Ely, in his me-sage, January, 1878, gave the following historical review: From an indebtedness of about \$18,000,000 on December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, December 31, 1837, at the expiration of ten years, namely, 1878, gave the are secured by Coupons of 1st second years of which, 1863 and 1834, more than \$12,000,000 was added to the debt. From 1867-8 may be dated

the accession of the corrupt administration known as "the Ring" to full control. This dynasty continued in power for nearly five years, until 1872, during which period the aggregate debt of the city increased as follows: 1863, \$35,983,647; 1869, \$47,731 84); 1870, \$73,373,552; 1871, \$88,369,3-6; 1872. \$95,582,153. Then followed an almost entire change of administration, and many sincere efforts to economize expenditures and diminish the increase of the public debt. But such efforts were only to a limited degree successful, as the following table of its increase from 1873 to 1876 will show:

1873.....\$106,363,471 | 1875\$116,773,724 1874114,9.9,969 | 1876119,811,310

The outstanding assessment bonds (payable out of local assessments on property benefitted) are represented by advances to contractors, advances on Boulevard work, and uncollected local assessments. The new consolidated 5 per cent gold bonds, for \$6,900, 0, were taken Oct., 18:8, at 105:28; but on the part of some of the strongest advocates of the city's good credit there was great objection made to the issue of permanent bonds to pay off assessment bonds (riginally charged against local assessments on the property benefitted and intended to be paid out of those assessments. (V. 25, p. 17. 198, 358, 458; V. 26, p. 41; V. 27, p. 228, 252, 303; V. 22, p. 121, 454; V. 22, p. 41, 253.)

Norfolk.—The "Trust" bonds due April, 1892, are secured by deed of trust on city property. Coupons of 1st series are payable at Citizen; Bank; coupons of 2d series at People's National Bank. Tax rate, \$1 60; water tax, 40 cts., (special); total rate, 2 per cent.

DESCRIPTION.	Date of	Sizeor	Amount	[INTEREST.	Principal—When
For explanations see notes on first page of tables	- Ronde	par- Value.	outstanding.	Rate.	When Pay'ble	Where Payable and by Whom.	Due.
Paterson, N. J.—School bonds.	1858-'73	\$500	\$130,000	7	J. & D		Dec 1050 1004
Funded debt bonds	1 1660 171	500	140,000	7	J. & D	do do	Dec., 1879-1904 Dec., 1879-1900
Improvement bonds. Sewer bonds (\$125,000 are M. & S.)	1869-'71	500 500	38,000 353,000	7 7	J. & D J. & D		Dec., 1879-1886
War bounty bonds	. 1863-'65	500	433,500	7	J. & D	do do	1882-1902 Dec., 1879-1900
War bounty bonds. Funding bonds, "A" Renewal bonds, "B" Philadelphia—Bonds prior to copyolidation	. 1877 . 1877-'78	100 &c 500	100,000	6	J. & D.	do do	June, 1887
		300	5,753,391	5 & 6	Various J. & J.	Phila., Far. & M. ch. N. L'	1901-1904 1879 to '85
Bonds for railroad stock subsidy subscript'n do for water works.	1855	1	1,725,000	6	J. & J.	do do	1)
do for bridges	. 1859 to '70		6,500,000 4,853,500	6	J. & J. J. & J.		1879 to 1903
do for park and Centennial.	. 1868 to '70		8,701,600	6	J. & J.	do de	B
Bonds for war and bounty purposes. do municipal, school, sewer, &c.	. 1860 to 70	• • • •	11,650,000 15,709,750	6	J. & J. J. & J.	do do	} 1879 to 1905
duaranteed debt, gas loans			5,999,400	6	J. & J.	do do do	1883 to 1905
			2,079,000 $74,500$	47	Vomon	ob ob	1990 +0 1001
Water loan (\$50,000 each year) Water loan			50,000	10	131. & N.	N. Y., Amer. Exch. Nat. Bk.	1879 to 1899 May 15, 1881
00			195,000	7,6g.&7g	J. & D.	40	June 1, 1888
Bounty loan (\$21,000 navable each year)	1	1.	42,000	10	M. & S.		1889-1891 Mch 1, 1882 & '83
Peoria & Rock Island Railroad Pittsburgh—Water exten. loan (coup. or reg.)	1869 to 74		100,000	7	J. & J.	New York.	July 1. 1888
Function and other minicipal hands	11845 +0170		4,482,425 1,641,000	6 & 7	A. & O. Various	Philadelphia. Pittsburg, Phila. & N. Y.	1 1 2 0 2 to 10 C
Compromise railroad bonds (coup. and reg.). Bonds impr. Penn. av., &c. (local assessment)	1863	1	2.179.469	4 & 5	J. & J.	New York, B'k of America.	1879 to 1912 1913
Donus for overque interest (femporary loan)	1870		$5,127,700 \ 1,405,000$	7	Various	Philadelphia.	1883 to '85
Portland, Mc.—Loan to Atl. & St. Lawrence RR Loan to Portland & Rochester Railroad	1 '68 '60 '70	1,000	787,000	6	M. & N.	Boston, Blackstone N. B'k.	Nov., 1886.'87.'88
00 00	1 1970	500 &c.	700,000 450,000	6	J. & J. J. & J.	00 00	July, 1887 July 1, 1897
do Portland & Ogdensburg	1879		1,350,000	6	M. & S.	do do	July 1, 1897 Sept. 1, 1907
Municipal—proper, (\$63,000 are 5s due '83) Building loan bends	1852-75 1867	500 &c. 1,000	1,704,600 325,000	5 & 6	minthly	Boston and Portland.	1879 to '95
Building loan bends. Providence, R.I.—Bonds for public improvem'ts	1855	1000&c.	600,000	6	J. & D. M. & S.	do Providence.	June 1, 1887 Sept., 1885
Recruiting and bounty bonds. Water loan bonds, gold, coupon and reg	1863 1872	1000&c. 1000&c.	300,000	5	J. & J	do	Jan., 1893
do do	1874	1000&c.	2,000,000	n g. 1	J. & J.	Boston, Prov. and London. N. Y., N. City Bank, & Prov.	Jan., 1900 Jan., 1900
do do do City Hall & sewer loan b'ds, sterling, cp. or reg	1876 1875	1000&c. £100	1,500,000	5 g.	J. & J.	do do (July 1, 1906
10an of 1879	1879	2100	$1,397,250 \mid 600,000 \mid$	5 g.	J. & J. J. & D.	London, Morton, Rose & Co Providence.	July 1, 1895 June 1, 1899
Prov. & Springfield RR. bonds, guaranteed Brook Street District notes	$begin{pmatrix} 1872 \\ 1877 \\ \hline \end{bmatrix}$	1,000	500,000	7	J. & J.	do	1892
Richmond, Va.—Bonds, reg., (\$132,000 are coup.) Bonds, reg. and coup. (\$228,000 are coup.)	1077	1,000	700,000 $3,154,645$	5	M. & S. J. & J.		Sept. 1, 1880-'84
Rochester, N. Y.—To Genesee Valley Railroad			1,214,700	8	J. & J.		J. & J., 1880-1912 1886 & 1904-1909
10 Koch, & State L. and R. N. & P. Railroads	1	1,000 1000&c.	164,000 750,000	7	J. & J.	N. Y., Mctropolitan N. Bk. New York and Rochester.	1879 to 1903
For various city improvements. Water works loan, coupon and registered		Various	961.686	6 & 7	Various	do do l	1893 1879 to 1902
Funding loan. Rockland, Me.—City bonds	1875	1000&c.	3,182,000 410,000	7	J. & J.	N. Y., Union Trust Co.	Jan. 1, 1903
Railroad loan (\$20,000 payable yearly)	1869	100 &c.	160,650	5 & 6	Semi-an	City Treasury	1905 1880 to 1897
40		100 &c. 100 &c.	400,000 150,000	6	J. & J. F & A.	Boston, First National Bk.	1880 to 1899
do St. Joseph, Mo.—Bonds to St. Jo. & Den City RR.	1070	100 &c.	205,000	6	M. & 8.	do do	1891 1892
Bonds to Missouri Valley Railroad. Bonds for various purposes. Bridge bonds	1869	500 500	431,500 150,000	6 & 7	Various I M. & N.	N. Y., Nat. B'k Commerce.	1880 to '89
Bonds for various purposes	1858 to '69	100 &c.	299,400	10 & 6	Various!	t. Joseph and New York	Nov., 1889 1878 to '89
Bridge bonds. St. Louis—Renewal and floating debt bonds. Real estate, buildings and general numerous	1846 to '71	7arious	500,000 1,922,000	10 1	J. & J. 1	N. Y., Nat. B'k Commerce. N. Y., Nat. Bank Republic	1891
Street improvement hands	1840 10 68	arious	1,148,000	6	Various	do do do	1879 to '91 1880 to 1906
Street improvement bonds. Water work bonds (old).	1856 to '57 \	Various	70,000 336,000	6 7	Various	do do	1882 & '87
Tower Grove Park bonds (gold)	1868	1,000	346.000	6 g. H	Various F. & A.	do do do	1880 to '83 Aug., 1898
Water work bonds (old) Tower Grove Park bonds (gold) Sewer bonds. Harbor and wharf bonds. New water work bonds (gold)	1855 to'69 1852 to'68 V	1,000	885,000 870,000	6 1	Various	do do	1880 to '89
New water work bonds (gold).	1867 to '70	1,000	3,950,000		Various L. & D.	New York and St. Louis.	1879 to '88
Renewal and sewer bonds (gold)	1872	1,000	1,250,000	0 g. 12	A. & O. A	N. Y., Nat. B'k Commerce.	April 1, 1892
teche nai parposco, gold of stering	1873	1,000	681,000 1,074,000	6 g. N	Various M. & N.	New York or London.	1891 to '94 Nov. 1, 1893
Renewal, &c., bonds, gold, \$ and £. Renewal, &c., bonds, gold, and £, coupon	1875	1,000	707,000	6 g. N	M. & N.	do do	May 1, 1895
bridgeapproach bonds (gold)	1872	500	2,747,000 461,000	6 g. J 6 g. J	. & J.	do V. Y., Nat. B'k Commerce.	1894 & 1899 Dec. 10, 1892
St. Louis County bonds assumed— Renewal bonds, coupon.	1867 to 271	1 000					Dec. 10, 1692
Dunds to ranroads, compon	1853 to 155	1,000	300,000 325,000	7 G g. J	. & J. r	V. Y., Nat. Bk. Commerce.	1879 to 1881 1879 to 1880
Insano Asviilli	1007 1	1,000	100,000	7 1	. & J.	do do	July 1, 1887
County Jail. General purposes, gold.	1872	1,000	500,000		M. & S. . & D.	do do do	Sept. 1, 1888
		1,000	550,000	6 g. J	. & J.	do do	June, 1892 1893 to 1896
Park bonds, coupon, gold County bonds. St Paul Minn — Payanus bonds	1875	1,000	2,300,000	6 g. A	1. & O. I. & N.	do do	April 1, 1905
St. Paul, Minn.—Revenue bonds. Preferred bonds		arious	504,815	12 & 7 N	1. & N.	N. Y., Kountze Brothers.	May 1, 1895 1879 to '90
	V	arious arious	$47,710 \\ 263,125$		A. & N. Various	do do	1883 to '86
St. Paul & Chicago Railroad	1868	600 &c.	200,000	6 J	. & D.	do do do	1889, '90, '96 1888 & '98
Public Park (Como.)	1870 1873	1,000	100,000	6 J	. & D.	do do	1900
Paterson, N. J.—Finances are apparently in a							1903
sound condition Pools tower des in 1 11 4	" DOCUD MINICI	OT. 1914,	WELE \$200' \$ 2	. The cit	V IS COL	inty were merged by law in	1977 and aitman

sound condition. Back taxes due (including 1878)

were \$667,786 Jan. 1, 1879

Philadelphia—The total funded debt, January 1 Privadelphia—I ne total funded debt, January 1, 1879, was \$55,093,243; guaranteed debt, \$5,999,400; floating debt, \$10,742,458. Sinking funds, \$13,499,810 Total asset, including sinking fund, railroad stocks heid, \$4,344,335 of taxes "due and collectible," and \$1.390,631 cash, were \$22,203,445, leaving balance of liabilities \$49,631.636. The following table exhibits the assessed valuation and tax rate in table exhibits the assessed valuation and tax rate in

he city since	1871:		***************************************
	Real	Personal	Rate Tax
Year.	Estate.	Estate.	per \$1.000
1872	\$502,415,863	\$8,608,819	\$20 80
1873	518,234,568	8,930,700	21 50
1874	539,003,602	9,239,933	22 00
1875	565,849,095	9,434,873	21 50
1876	585,408,705	19,004,673	21 50
1877	593,313,532	9,755,000	22 50
1878	536,988,097	-,,,,,,,,	21 50
1879	526 539,9:2	8,033,8 2	20 50
1880	529,169,382	7,498,452	-0 00
There is no lar	rge amount of	city debt matr	ring in the

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, \$35,762,264: farm property, \$18,903,000. Population, 1870. 674,022. against 565,529 in 1860. (V. 27, p. 621; V. 29, p. 435.)

Peoria, IU.—Total debt, \$686,500; tax valuation, 1878. \$14,874,103.

1876, \$14,574,105.

Pittsburgh.—Assessed valuation in 1879: Real property, \$92, 54.590; per-onal, only \$2.612.263. Sinking funds, \$473,277. Tax rate, 1879, 1776 mills per \$1. Population about 140,000. Interest defaulted April, 1877. (V. 27, p. 68, 643; V. 28, p. 43, 302; V. 29, p. 583.)

Fortland, Me.-The sinking fund and available

assets March 31, 1879, were \$360,8 5. The city is protected by mortgages on Atlan. & St. Lawrence, Portland & Rochester, and Portland & Ogdens-Portland & Rochester, and Portland & Ugdensburg railroads. Assessed va ue of real estate in 1879 was \$19,212,500; personal, \$11.455,3-4. Tax rate, \$25.50 per \$1.0.00. Population in 1879, 35,0:0, against 31,413 in 1870, and 26,341 in 860. Providence, R. I.—The principal debt of Providence has been created since 1872 for water works, sewer age and new City Hall. The floating debt at close of fiscal year Sept. 30, 1878, was \$2,793.300, including

fiscal year Sept. 30, 1878, was \$2,793,300, including above Brook Street notes and \$90,060 High School notes. I'he assessed valuations of all property in 1878 were: real estate, \$86,34:.1'0; personal, \$30,639,400. Rate of tax, \$14 50 per \$1.000. The sinking fund for bonds due in 1885, \$516,737; sinking funds of 1893, \$191.060; '95.\$120,803; 1900-6, \$103,224. Population by II. S. consus '76, 82,001; by State Consus '75. tion by U. S. census, '70, 68,901; by State census, '75, 100,800. The laws of Rhode Island now limit the debts of towns to 3 per cent of their assessed valua-

tion. (V. 28, p. 578.)

Rochester.—The bonds of Genesee Val. RR. loan. **Rochester.—The bonds of Genesee Val. RR. loan, \$168 000, are provided for by net receipts from a lease of said road to Erie Railway Company after paying the interest out of said receipts. Real property asse sed, \$48 000,000; personal, \$2,000,000. Rate of tax. 1977. \$2 per \$100.

**Richmond, Va.—Real estate assessed, 1878, \$23.076.512; personal, \$1,511,584. Tax rate, \$1 40. Rockland, Me.—Valuation of real estate, 1878, \$2,444,915; personal, \$1,082,236. Tax rate, \$31 per \$1.000.

St. Joseph, Mo.—Population in 1870 was 19,565, against 8,932 in 1860. Assessed valuation of property, \$11,000,0.00; rate of tax, '23 mills. (V. 23, p. 135, 175; V. 25, p. 408; V. 28, p. 477.)

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

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

the resources were:	
Balance April 11, 1877	\$691,272
Interest revenue	1 731 620
Municipal revenue collections	9 611 600
Special collections	399 416
Froceeds of anticipation notes	775 000
Proceeds of renewal bonds	351,000

\$6,544,427

The expenditures were -. \$5,900,941 Unpaid warrants on hand April 11, 1878... 10,944

\$5, 59,996

\$651,481 Balance in treasury April 10, 1873 \$110,000. Assessed valuation of real property in 1879, \$135,7 8,000; personal, \$30,224,860. Tax rate for city purposes in old limits, \$1 75; in new limits, \$150. (V. 25, p. 201; V. 26, p. 290, 359, 436; V. 27, p. 290.) 27, p. 229.)

St. Paul, Minn.—Population in 1870 was 20,630; in 1878 (claimed), 45,000. Assessed valuation of taxable property, 1878, \$23 061 (0), 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.

	~) =						discovered in these	
DESCRIPTION.	Miles	Doto	gizo or		IN'	PEREST	OR DIVIDENDS.	Bonds-Princi-
For explanation of column headings, &c., see notes	Miles	Date	Size, or Par	Amount	Rate per	When	When Payable, and by	pal, When Due. Stocks—Last
on first page of tables.	Road.	Bonds	Value.	Outstanding	Cent.	Payable	Whom.	Dividend.
Alahama Cantual (Calma & Maria)	01	1071	[#1 000 000				
Alabama Central—(Selma & Merid.)—1st mort Ala.& Gt. South'n. —Receiver's certific of Ala.&Chatt	81	1871	\$	\$1,600,000 700,000	8	J. & J. M. & S.		June, 1901 1882
1st mortgage, new. (for \$1.750.000)	296	1878	1,000	752,000	6 g.	J. & J.	N.Y., Farmers' L. & T. Co N. Y., B'k of Commerce.	Jan. 1, 1908
Avouny & Susquenanna—Stock	201		100	3,500,000	312	J. & J.	N. Y., B'k of Commerce.	July 1, 1879
1st mortgage. Albany City loan (sińking fund, 1 per ct. yearly).	142	1863	1,000	1,000,000	7	J. & J.	N.Y., Del. & Hud. Can. Co	July, 1888
2d mortgage (sinking fund, 1 per ct. yearly).	$\frac{142}{142}$	$1865 \\ 1865$	1,000	933,000	6 7	M. & N.		Nov., 1895
2d mortgage. 3d mortgage, sinking fund. Consol mort (wor 1) fill years	142	1869	500 &c.	2,000,000 253,000	7	A. & O. M. & N.	do do do	Oct., 1885 May, 1881
		1876	1,000	1,960,000	7	A. & O.	do do	April 1, 1906
Alleghany Valley—Stock. General mortgage (Riv. Div.)	262	1000	50	2,166,500				
Bonds to State Pa. (endorsed) 2d mort., East ext.	132 110	$1866 \\ 1870$	1,000	4,000,000 3,100,000		J. & J.	N. Y., Winslow, L. & Co.	March 1, 1896
1st mort., East'n Exten., guar. by Pa. RR.	110	1871	1,000	10,000,000	7 or 6 g.	A. & O	Harrisburg, Treasury. Philadelphia or London	April 1, 1910
Funding income bonds, with traffic guarantee	262	1874	100 &c.	6,870,000	7 8	A. & O.	Pittsburgh.	Oct. 1, 1894
Atchison & Nebraska—Stock	176	1000	100.6	3,344,650	1		Boston, Office.	Dec., 1878
1st mortgage. Alchison, Topeka & Santa Fe-Stock.	149	1878	100 &c. 100	$1,125,000 \\ 10,615,000$	7 3	M. & S.		Mar. 1, 1908
18t mortgage, gold	XII.	1869	500 &c.	7,041,000	7 9.	J. & J.	Boston.	Aug. 25, 1879
Land grant mortgage, gold Consol. bonds, gold		1870	500 &c.	3,265,000	7 g.	A. & O.	do	July, 1899 Oct. 1, 1900
Consol. bonds, gold.	••••			3,389,000	7 g.	A. & O.	do	1903
Construction notes		1878	500 &c.	78,000	8	J. & J.	do	1882
Land income bonds, 5 to 10 years. Pottawatt'mie b'ds on 78,158 ac. land(contingent)	••••	1019	500 ac.	480,000		J. & J. M. & N.	do do	Jan. 1, 1883-'88 Nov. 1, 1879
Wichita & Southwest, (leased) 1st M., gold, guar.	27^{1}_{2}	1872	1,000	412,000		J. & J.	do	July 1, 1902
Rans. City Top. & West., (leased,) stock			100		3		do	Aug. 25, 1879
do do 1st mort., gold	65	1875	1,000	854,000		J. & J.		July 1, 1905
do do income bonds	148	1878	1,000	200,000 1,719,000	7 g.	J. & J.	do do	1905
do do 1st mortgage		1878		1,067,000	. 8.		do	1000
Pleasant Hill & De Soto (leased), 1st. M., gold	44	1877	500	120,000		A. & O.		1907
Florence Eldorado & W. (leased), 1st mort., gold.	31	1877	1,000	310,000		A. & O.		July 1, 1907
New Mexico & So. Pacific, 1st mortgage, gold Atlanta & Charlotte.—New pref. mort	$265i_{2}$	1878 1877	$1,000 \\ 1,000$	500,000	7 g.	A. & O.	do New York, Office.	1908 April 1, 1897
Mortgage bonds. Atlanta & West Point—Stock.	$265\frac{1}{2}$	2011	1,000	4.250,000	7	J. & J.		Jan. 1, 1907
Atlanta & West Point—Stock.	87		100	1,232,200	4	J. & J.	Atlanta, Ga., at Treas'y.	Aug. 1, 1879 Oct. 1, 1876
Attantic & Great Western—Old 1st mort. Ohio Div.		1071	500 fo	2,416,300		A. & Q.	New York and London.	Oct. 1, 1876
1st general mortgage (\$18,000,000) 2d do do (\$12,000,000)	460 460	$1871 \\ 1871$	500 &c. 500 &c.	15,165,200 11,989,680	7 g. 7 g.	J. & J.	do do do do	Jan., 1902 Sept., 1902
3d do do (\$29,000,000)	460		500 &c.	28,783,000	7 g.	M. & S. M. & N.	do do	Nov., 1902
Leased lines rental gold bonds (Cl. & M.) do do (P. P., P. V. and S. & A.)		1872	1,000	5,355,000	7 g.	J. & J.	do do	Jan., 1902
Western Extension contidents (Cl. Cal. Cin. 6. L.)	• • • •	1873	1,000	3,568,000	7 g.	J. & J.	London, Co.'s Office.	Jan., 1903
Western Extension certificates (Cl., Col., Cin. & I.) do do do bonds		1873	500	$2,060,000 \mid 1,748,500 \mid$	8	J. & J.	do do do	July 1, 1876
Prior lien bonds (for \$3,000,000)	427	1879	500	2,500,000	6	M. & S.	do do	Sept. 1, 1895
New 1st mortgage bonds (for \$4.500.000)				(?)			1	
Attantic & Gulf—Consolidated 1st mortgage. Sav. Albany & Gulf RR. mortgage bonds	286	1867	500 &c.	1,666,000	7	J. & J.	N. Y., Perkins, L.& Post	July, 1897
Southern Georgia & Florida, 1st inortgage	58	1868		300,000 464,000	7	M. & N.	do do	1879 Nov. 1, 1888
do do 2d mortgage	58	1869	••••	200,000	7	M. & N.		May 1, 1889
Atlantic, Miss. & Ohio—Stock, (com'n, pref. & guar.).	428		••••	6,921,900				
1st mort. consolidated, gold (for \$15,000,000) 2d mort. to the State (no interest till 1880)	428	1871	••••	5,470,000	7 g.	A. & O.	N. Y., First Nat. Bank	Oct. 1, 1901
Norfolk & Petersburg-1st mortgage, extended.	428 81	$\frac{1871}{1857}$	500 &c.	4,000,000	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.		Jan. 1, 1887
do do 2d do	81	1868	1,000	458,000	8	J. & J.	do do	July 1, 1893
South Side—1st pref. consol. mort	133 133	1866	1,000	684,000	8 6	J. & J.	do do	Jan. 1. '84-'90
do 3d do	133	$\begin{array}{c} 1866 \\ 1866 \end{array}$	200 &c. 200 &c.	$621,000 \\ 452,500$	6	J. & J. J. & J.	do do do	Jan. 1, '84-'90 Jan. 1, '86-'90
Virginia & Tennessee-Enlarged mortgage.	214	1854	1,000	990,000	6	J. & J.	do do	Jan. 1, '86-'90 July 1, 1884 Mch. 1, 1900
do do 4th mortgage	214	1865	1,000	969,000	8	J. & J.	do do	Mch. 1, 1900
do do Registered certificates do Interest funding bonds		Var'us	Various	84,190		J. & J.	Lyncuburg Office.	Jan. 1, 1875
Atlantic & St. Lawrence—Stock, sterling	150	1869	100 &c. £100	226,900 5,454,680	8 3 g.	J. & J. M. & S	N. Y., Perkins, L. & P. London, Gr. Trunk Rw.	July 1, 1880 Sept. 15, 1879
Portland city bonds, 1st mort., sinking fund	150	1868	1,000	787,000	6 g.	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 Rw.	Oct. 1, 1884
3d do do do	150	1871	£100	713,000	6 g.	M. & N.	do do	Oct. 1, 1891
Bald Eagle Valley—1st mort., s. f. (\$5,000 per year)	53 51	1861	100 &c.	$1,022,900 \mid 336,900 \mid$	31 ₂	J. & D.	Savannah. Phila., Farm. & M. Bank	Dec., 1879 July 1, 1881
2d mortgage (\$5,000 per year).	51	1864	1,000	100,000		J. & J.		July 1, 1884
Buttmore & Onto-Stock	595		100	14,785,100	4	M. & N.	Baltimore Office.	Nov. 1, 1879
Preferred stock Washington branch	20		100	4,999,999			Balt., Merchants' Bank.	July 1, 1879
Loan, 1850	30	1850	100	1,650,000	5 6	M. & N.	Baltimore Office. Balt., Merchants' Bank.	Nov. 1, 1879 1880
Loan, 1853		1853		579,500 1,710,000		A. & O.		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. Sterling mortgage, sinking fund.	411	$1874-5 \\ 1872$	£200	2,420,000	6 g.	J. & J. M. & S.	London, Naylor & Co.	Jan. 1, '80 & 81
Bierling mortgage, sinking fund	191	1974	£100 £200	8,683,686 $9,232,341$			London. London, Speyer Bros.	Mch. 1, 1902 1910
Purchase of Connellsv. RR (payable \$40,000 y'ly)		1875	2200	840,000	6	J. & J.	Baltimore.	1879-1900
								,

reorganized. Ordinary stock issued, \$7,830,000; prof. stock authorized, \$783,000. Gross earnings 1878, \$419,119; ner, \$112,705. About \$450,000 of the receiver's certificates are disputed. (V. 25, p. 40, 186; V. 26, p. 17, 39, 84, 264; V. 27, p. 67, 85, 121.)

Albany & Susquehanna.—This road is leased for 150 years from 1870 to Delaware & Hudson Canal Co., at 7 per cent per annum, on stock and bonds. Consol. mort. is for \$10,030,000, of which \$3,450,000 is to retire old bonds, and balance for a part of old stock and to lessee for improvements. Net earnings in 1878. \$45,580. (V. 25, p. 61; V. 27, p. 602; V. 29, p. 581.)

Alleghany Valley.—This road was embarraesed in 2874, 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, \$2,548,400 are held by individuals, and pay interest in cash when earned; \$3,9,9,000 held by railroads draw interest in bonds. (V. 26, p. 402. U. 27, p. 388. U. 28, p. 200. U. 21, 256. 493; V. 27, p. 856; V. 28, p. 399; V. 23, p. 856.)

Atchison & Nebraska.—Under re-organization, \$1,125,000 bonds and \$3,337,000 stccz were given for old bonds and overdue coupons. Dividend of 1 per cent paid December, 1878. Gross receipts 1873, \$452,057; net receipts, \$98,405. (V. 25, p. 510; V. 28, p. 399; V. 29, p. 562.)

Alabama Central.—In default since January, 1872.
Negotiations pending for a new adjustment, and a connection with Meridian complet d Nov., 1878.
(V. 27, p. 40, 556.)

Alabama & Grat Southern.—Ala. & Chattanooga

Tising to 34 per cent in 1 80 and thereafter. Denver & Rio Grande leased (see V. 27, p. 434). (V. 27, p. 40, 227, 280, 303, 382, 407, 434, 518; V. 28, p. 120, 222, 301, 379, 400, 427, 475, 502, 53, 623, 641; V. 29, p. 40, 66, 95, 119, 224, 293, 356, 406, 489, 562, 583, 633.)

Atlanta & Charlotte. This is the Atlanta & Richmond Air-Line sold in foreclosure December, 1876, and re-organized. Gross earnings 1878, \$623,278; net, \$202,039. (V. 23, p. 277, 427.)

Atlanta & West Point.—Gross earnings in 1873-9, \$332,262; 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., \$9,876,25. Trustees' certificates of 1879 will be exchanged into prior lien bonds, and the Ohio Division mortgage paid off. Foreclosure and proceedings for re-organization are in progress. Gross earnings in 1873, \$3,745,206; net deficit, \$19,960. (V. 27, p. 651; V. 23, p. 222, 276, 399, 452, 476, 525, 553, 577; V. 29, p. 40, 19; 213, 406, 537, 563, 608, 656.)

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 \$3,633,200; 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, t08.)

Atlantic, Mississippi & Ohio.—Gross earnings year ending June 30, 1879, \$1,673,131; expenses, \$1,060,088; net earnings, \$612,043. The divisional bonds matured and maturing up to July, 1880, have been extended for ten years by order of the 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, \$1,229.656; see annual report, V. 28, p. 475. The extension of leased lines and new roads building in 1878 are referred to in V. 27. p. 15. The K C. T. & W. is leased at 30 per cent of gross earnings,

organization approved by the consolidated mortgage bondholders (mostly in London) will probably be carried out. (V. 27. p. 40, 67. 251, 279, 434, 461; V. 28, p. 97, 199, 222, 476, 624; V. 29, p. 356.)

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

Bald Eagle Vailey.—Leased to Pennsylvania Railroad at 40 per cent of gross receipts. The Pennsylvania Railroad holds all the 2d mortgage bonds. A new mortgage for \$4:0,000 is author zed to take up the old bonds. In Aug., 1879, 2½ per cent was paid on stock. (V. 27, p. 486; V. 29, p. 583.)

Baltimore & Ohio.—The am unt of stock as above includes the last stock dividend. Annual report for 1878-9 in V. 29, p. 537. The floating debt Sept. 30, 1573, was \$2,563,392 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 branch s for six years were as follows:

	Gross Earnings.	Net Earnings.	Stock and Debt.
1878-9	\$3.864.826	\$4,341,245	8
1877-8		4,039,611	55,947,662
1876-7	8,262,045	3,655,893	
1875-6	. 9,632,361	4,215,554	47,311,000
1874-5	. 10,514,178	4,332,2)6	47,173,000
1973-4	. 11,693,955	5,018,030	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 \$5,935,978 in 1877-8, including earnings of Pittsburgh Division. B. & O. direct bonds of 1879 on Parkersburg Branch are secured by the deposit of markers on that road (V 98 p. by deposit of mortgage on that road. (V. 26, p. 2-9, 367, 598; V. 27, p. 67, 535, 651; V. 98, p. 223, 276, 378; V. 29, p. 145, 225, 250, 328, 510, 535.) 0

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DESCRIPTION.	35:1	1	1 ~.	I	l IN	TÉREST	OR DIVIDENDS.	Bonds-Princi-
For explanation of column headings, &c., see notes	Miles		Size or	Amount .				pal, When Due.
on first page of tables.		Bonds	Value.	Outstanding	Rate per		Where Payable and by	Stocks-Last
		Donas	value.		Cent.	Pay'ble	Whom.	Dividend.
Baltimore & Ohio-(Continued)-		1						
Loan., ster., (s. f. £7,500) lien on Chic. line bonds	263	1877	£200	\$7.703,034	5	J. & D.	Lon., J. S. Morgan & Co.	June 1, 1927
Bonds on Parkersburg Branch	104	1879	\$1,000	3,000,000	6	A. & O.	Balt.& N.Y., D., M.& Co.	April 1, 1919
Northwestern Virginia, 3d mortgage, 1855-85		1855		140,000	6	J. & J.	Balt., Mech's Nat. Bank	1885
Bonds to State of Maryland Ballimore & Potomac—1st M (tunnel) gold, s. f. 1 p. c.		1878		366,370	6	J. oz J.	Baltimore.	July 1, 1888
1st mort., gold, tax free, coup., s. f. 1 per cent	98	1871	1,000	1,500,000	6 g.	J. & J.	Baltimore or London.	July 1, 1911
2d mortgage, income, main line and tunnel, reg.	98	1871	1,000	3,000,000	6 g.	A. & O.	do do	April 1, 1911
Belleville & South. Ill.—1st M., sink'g fund, guar.	56	1866	1,000	1,133,000 1,100,000	8	J. & J.		Jan. 1, 1915
Belvidere Del.—1st mort, due 1877, extended, guar	64	1877	1,000	1,000,000	6	A. & O. J. & D.		Oct. 1, 1896 1902
2d mortgage bonds of 1854 (guar, by C. & A.)	67	1854	500	499,500	6	M. & S.	Philadelphia.	1885
30 mortgage bonds of 1857 (do do)		1857	500	745,000	6	F. & A.	do	1887
Consol. mortgage of 1876.	84	1876	1,000	1,200,000	7	J. & J.	Treasurer, Trenton, N.J.	Jan. 1, 1916
Berkshire-Stock.	21		, 100	600,000	134	\ Q.—J.	Boston, Kidder, P. & Co.	July 1, 1879
Boston & Albany—Stock.	321		100	20,129,282	4	M. & N.	Boston Office.	Nov. 15, 1879
Dollar loan. Loan of 1875, coupon or registered.		1871-2	1,000	5,000,000	7	F. & A.	do	Feb. 1, 1892
Boston, Barre & Gardner.—1st mortgage.	000	1875	1,000	2,000,000	6	J. & J.	do	July 1. 1895
Bost., Clin. & Fitchb. & N.B.—Stock (\$1,750,000 pref.)	3812		100 &c.	400,000	7	A. & O.	Worcester, City Nat. Bk.	April 1, 1893
1st mortgage, Agricultural Branch.	$\begin{array}{c} 151 \\ 29 \end{array}$	1054	7.000	3,047,700	6		Boston Office.	l Oct. 15, 1879
Mortgage bonds 1869-70	43	1854 '69-'70	1,000	400,000	6	J. & J.	Boston, Boston N. Bank	July 1, 1884
Bonds		1876	_,,	799,600	7	J. & J.	do do	1889 & '90
Equipment notes	1	10/0	1.000	528,000 870,000	7	J. & D.		June 1, 1896
N. Bedford Railroad bonds (\$400,000 are 7s)		61-74		571,500	6 & 7	A. & O. J. & J.	do do	'81, '82, '83, '85
Boston, Concord & Montreal—Preferred stock	166	01-74	100	800,000	3	M N	Boston, Suffolk N. Bank Boston Office.	July, 1881& 94 Nov. 29, 1879
Com. Stock (for old dividends & new stock)			100	1,000,000		ML. GC 14.	Boston Office.	HUY. 29, 1879
Suiking fund bonds		1858	100 &c.	202,000	6	J. & J.	Boston Office.	1889
Consolidated mortgage bonds (for \$2.000.000)	160	1873	100 &c.	1,721,000	6 & 7	A. & O.		1893
Boston & Lowell—Stock.	82		500	3,250,000	1	J. & J.	Boston, at Office.	Jan. 1, 1880
Bonds		1872		999,500	7	A. & O.	do do	April 1, 1892
Bonds.	• • • • •	1875	••••	500,000	7	M. & S.	do do	March 1, 1895
New bonds. Boston & Maine—Stock.		1876		750,000	6	J. & J	do do	July 1, 1896
Ronds coupon and registered	204	1070	100	6,921,274	3	M. & N.	Boston, at Office.	Nov. 15, 1879
Bonds, coupon and registered. Boston & New York Air-Line—1st mortgage.	50	1873-4	500 &c.	3,500,000	77	J. & J.	do do	Jan., 1893 & 94
Boston & Providence—Stock.	$\begin{array}{c} 52 \\ 66 \end{array}$	1875	1,000	500,000	. 7	F. & A.	New York.	Aug. 1, 1895
Bonds to purchase branches, coupon or registered	5000 5000	1873	100	4,000,000	3	M. & N.	Bostor, at Office.	Nov. 1, 1879
Ten year notes for \$800,000	••••	1073	• • • •	500,000	7	J. & J.	do do	July 1, 1893
Brooklyn Elevated –1st mort., gold (for \$3.500 000)	••••	1879	1,000	(?)	6 g.	M. & S.	Non Non	1887
Butt. Brad. & Pitts.—Gen. M. (incl. 10.000 ac 17d)	26		1,000	580,000	7 g.	J. & J.	New York. New York, Erie Office.	Sept. 1, 1917
Bullato, New York & Erie-Stock	$1\overline{42}$		100	950,000		J. & D.	N. Y., Erie Railway.	Jan. 1, 1896 Dec. 1, 1879
New mortgage	140	1876	1.000	2,380,000		J. & D.	do do	June 1, 1916
Buffalo, N. Y. & Philadelphia-1st mort., gold	121	1871	500 &c.	3,000,000		J. & J.	N. Y., Farm. L. & T. Co.	July 1, 1896
2d mortgage (for \$1,000,000). Burlington, C. Rapids & Northern—Stock, guar	121	1878		546,500	7 8.	J. & J.	do do	July 1, 1050
1st mortgage			100	5,500,000	112			
1st mortgage Burl. & Mo. Riv.—1st M. on r'd & 400.000 ac's l'd Cp.	367	1876	100 &c	6,500,000	5	J. & D.	New York.	Sept. 1, 1906
1st mort. on br'ch, C. B. & Q. stk. (5th ser) or	281	1863	50 &c.	4,638,250	7	A. & O.	Boston and New York.	Oct. 1, 1893
Convertible bonds, C. B. & Q. st'k (6th ser.) reg.	40	1869	500 &c.	279,000	8	J. & J.	do do	July 1, 1894
Burlington & Missouri in Nebraska—Stock	••••	1870	500 &c.	370,500	8	J. & J.	do do	July 1. 1889
Bonds, convertible till Jan. 1882	••••	1873	100 500 &c.	9,390,800	ex.212	QF.	Boston, Office.	Dec. 24, 1879
Consol.mort.for \$14,000,000, s. f. \$30,000	191	1878	600 &c.	600,000 1	8	J. & J.	do	Jan. 1, 1883
Omana & S. W., 1st mortgage, guar.	49	1872	1,000	7,605,000	6	J. & J. J. & D.	do	July 1, 1918
Kebublican Valley Railroad, stock guar		20.2	1,000	853,000	$ex.2^{1}2$	Q.—F.	do do	June 1, 1896
Burl. & Southwest.—1st mort., cp., may be reg	181	1870	1,000	1,800,000	8	M. & N.	Boston, Co's Office.	Dec. 24, 1879 May 1, 1895
Uairo & St. Louis—1st mortgage.	144	1871		2,500,000	7	A. & O.	Doscon, Oo & Onice.	Oct. 2, 1901
Cairo & Vincennes—1st mortgage, gold.	156	1871	1.000	3,500,000	7 g.	A. & O.	New York and London.	Oct., 1909
California Pacific—1st mortgage, gold 2d mortgage, endorsed by Central Pacific	139	1869	1,000	2,250,000	7 g.	J. & J.	N. Y., Nat'l Park Bank.	Jan. 1, 1889
3d mort, guar. by C. P. (\$1,000,000 are 3 p. c.)	139	1871	1,000	1,600,000	6 g.	J. & J.	do do	1891
Camden & Atlantic—Stock (\$838,150 of it pref.)	139	1875	500	3,000,000	3 & 6	J. & J.	New York.	July, 1905
1st mortgage (extended 20 years in 1873)	67	1050	50	1,215,550	312 on pf.	.	Camden, Co.'s Office.	Nov. 1, 1879
Camden & Burlington Co.—1st mortgage	60 31	1853	1,000	490,000	7 g.	J. & J.	Phila., Farm. & M. B'k.	Jan., 1893
Vanada Southern—Stock	100	1867	500 &c.	350,000	6	F. & A.	Phila. and Mt. Holly.	1897
New mort., interest guar., (for \$14,000,000)	291	1878	1,000	15,000,000	•	T 4 T	N W W	T 1: -000
Varolina Central—1st mortgage, gold, coupou	242	1873	1,000	10,862,686	. 3 6 c	J. OZ J.	N. Y., Union Trust Co.	Jan. 1, 1908
Income ponds, compon	242	1874	1,000	3,000,000		J. & J. A. & O.	N. Y. Office, 4 Broad st.	July 1, 1923
Valawissa—Common stock	92	1014	50	1,159,500		A. a. U.	do do	April 1, 1914
New preferred stock				1,000,000	$3i_2$	M. & N.	Philadelphia.	Nov. 1, 1879
Old preferred stock	100		50	2,200,000		M. & N.	do	Nov. 1, 1879 Nov. 1, 1879
1st mortgage bonds	65		1,000	230,500		F. & A.	do	Feb. 1, 1882
Chattel mortgage bonds			1,000	209,850		F. & A.	Philadelphia.	1888 to '89
New mortgage. Cedar Falls & Minn.—Bonds on 1st div., sink. fund.	100	1872	1,000	1,300,000	7	F. & A.	do	Feb. 1, 1900
Bonds on 2d division sinking fund.	14	1864	500 &c.	198,000	7	A. & O.	N.Y.,J. S. Kennedy & Co	April 30, 1884
Bonds on 2d division, sinking fund.	61	1866	500 &c.	1,334,000	7	J. & J.	do do	Jan. 2, 1907
Oedar Rapids & Missouri—Common stock	274		100	6,850,400	1	Q.—F.	Boston, Treasurer.	Nov. 1, 1879
1st mortgage.	70	1001	100	769,600	312	F. & A.	do do	Aug. 1, 1879
do		1861	500 &c.	700,000	7	F. & A.		Aug. 1, 1891
do	58 146	1863	500 &c.	582,000	7	F. & A.	do do	Aug. 1, 1894
	140	1866	500 &c.	2.332.000	7	M. & N	do do l	May, 1916
Baltimore & Potomac This is the line of the	Roston	& Tornell	Not inc	oma 1977 70	COCO 004 1	obla la		***

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

Belleville & Snuthern Illinois.—Stock is \$1.680.0.0. Leased and operated by St. L. Alt. & T. H. Co percentage of gross earnings. (V. 24, p. 297; V. 26, p. 417.)

Belvide: e Delaware.—Stock is \$995,150. Leased to

United Co.'s of N.J., and lease assigned to Penn. RR. Net earnings go to lessor. In 1877 net earnings of B. D. were \$122,566, in 18 8 \$152,755. Floating debt, \$157,524.

Berkshire.-Leased to Housatonic, at 7 per cent per year on stock, but 13 per cent is usually applied for taxes, &c.

Boston & Albany.—On this trunk line of New England the gross earnings showed a decrease in 1878.9, but the net earnings a large increase. I past five years the following has been its exhibit:

Gross Net Total Stock Earnings. Earnings. and Debt 1878-9 \$6,427,4t3 \$2,7(3,638 \$ 2,219,536 2,156,844 2,391,764 **1877** 8 6,633,533 **1876-7** 6,779,610 25,870,509 1875-6..... 7,074,758 27,129,282

1873-6...... 7,074,135 2,391,764 27,129,282 1874-5..... 7,634,139 2,262,147 26,478,232 (V. 26, p. 166; V. 27, p. 460; V. 29, p. 328.)

Boston Barre & Gardner.—Income in 1876-77 showed a deficit of \$44,420 under interest charge. Company embarrassed and interest reduced to 5

per cent. (V. 23, p. 40, 406.)

Bost. Clinton Fitch & N. Bedf d. - This was a consolidation in May, 18:6, of the B. C. & F. and the N. Bedf. roads. In Dec., 1878, leased to Old Colony. The net earnings in 18:77-78 were \$286,631, against \$212,241 in 1670-17. (V. 27, p. 537; V. 26, p. 40, 120.)

Boston, Concord & Montreal.—Gross earnings for the year ending with March, 1879, were \$5.0,550; net earnings, \$201,618. There are also \$70,000 old bonds due in 1865, and \$350,000 due in 1875. (V. 24, p. 516; V. 26, p. 546; V. 18, p. 577.) Boston & Lowell.—Net income. 1877-78, \$269,064. There are \$407,000 notes outstanding. (V. 25, p. 16; V. 26, p. 39; V. 27, p. 121, 303, 537; V. 28, p.

Boston & Maine.—Net income, in 1878-9, \$861,509, against \$737.891 in 1877-8, and \$660,964 in 1876-7. (V. 27, p. 537, 565; V. 29, p. 535.)

Boston & N. Y. Air Line.—Formerly N. Haven Middletown & Wil. Has \$3,000,000 preferred stock and \$1,000,000 common. Operated with N. Y. N. H. & H., receiving 6 per cent of gro-s earnings of both lines (V. 26 p. 528; V. 28 p. 173, 352, 498, 577). lines. (V. 26, p. 598; V. 28, p. 173, 352, 428, 577; V. 29, p. 621.)

Boston & Providence.-The bonds and notes have been issued for purchase of branch roads. (V. 25, p. 531; V. 27, p. 565.)

Brooklyn Eleva'ed.—See V. 29, p. 223.
Buffalo, Bradford & Pittsburgh—Under perpetual lease to Erie at \$40,600 p.r year.

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

Buff, N. Y. & Phila.—This is the connecting line of the Phila. & Erie with Buffalo. Stock \$2,004,310 Bills payable, \$7:0,987. Net earn'gs 1877-8. \$4:0,4 98 in 1.73-9, \$380,355. New bonds are offered to replace the 10 per cents. (V. 26, p. 574; V. 27, p. 538; V.

28, p. 252.) Burling on Cedar Rapids & Northern .- The stock is for \$10,000,000, of which \$5,500,000 has been issued. This comrany guarantees \$150,000 Minne-apolis & St. L. RR. bonds. Net earnings 1878-9. \$437,303. Leased in perpetuity to the Chic. & Rock Islandf r interest on bonds and 3 per cent on stock for 5 years and 5 per cent afterward, but lease not yet confirmed by stockholders. (V 27, p. 301; V.

29, p. 224, 25°, 432. 62)

Burlington & Missouri River.—An agreement of consolidation and a perpetual lease to Chicago, Bur. & Quincy, was made in Oct., 1872. In August, 1875, stock of Chic. Burl. & Q. was issued in place of stock of this C... and for convertible bonds. Burlington & Missouri in Aebraska.—Has a valuable land grant. Sales in 1878 514,098 acres for \$2,620,510. Consol. 6 per cent bonds are issued for 8s maturing in 1894. Om ha & ~. W. is leased. Gross earnings, 1878, \$1,921,3 °C; net, \$1,302,673. (V. 27, p. 15, 67, 171; V. 28, p. 120, 276, 874)

Burlington & Southwestern .- Defaulted Nov., 1873. Foreclosure in progress. (V. 21, p. 159, 441; V. 29,

Cairo & St. Louis.—Defaulted in 1873 by failure to receive town and county bonds. Receiver appointed December, 1877. Deficit in earnings 1877-8, \$12,989. (V. 25, p. 511, 569; V. 26, p. 451; V. 29, p. 17, 40.)

Cairo & Vincennes.—To be sold in foreclosure Jan 5, 1830. Net earnings, 1877-8, \$3,521. (V. 29, p. 40. California Pacific. Extension bonds of \$3,500,000 and incomes of \$1,000,000 were in default, and the new bonds of 1875, guaranteed by Cent. Pacific, were issued in place thereof. (V. 24, p. 274, 468, 605.)

Camden & Atlantic.—Gross earnings, 1878, \$399,-060; net. \$121,213. Interest, &c., \$93,950. (V. 28, p. 300; V. 19, p. 251.)

Camden & Burlington Co.—Leased to United

Companies, at 6 per cent on \$382,000 stock. Canada Southern .- The bond carry interest at 3 per cent till 1881 and 5 per cent for the other 27 years. N. Y. Central Co. guarantees interest for 20 years, but makes ro guarantee of princip.l. (V. 26, p. 267, 391, 5.4; V. 27, p. 94, 538.)

Carolina Central.—Receiver appointed December, 1876. Passed interest January, 1876. (V. 23. p. 622.) Catawissa.—Leased to Phila. & Read. for 999 years from Nov. 1, 1872. Lessee pays int. on bonds and 30 per cent of gross receipts.

Cedar Falls & Minnesota.—Leased to Dub. & Sioux City, and sublet to Ill. C. at \$1,500 per mile yearly, and a per cent of all earnings over \$3,500 per mile.

Cedar Rapids & Missouri.—Leased to Chicago & Northwestern at \$700 of first \$1.500 gross earnings per mile; one-third of the next \$3,000 per mile, and one-fifth of all above that. (V. 20, p. 162.)

	DESCRIPTION.		l	1~.	l	INI	EREST	OR DIVIDENDS.	Bonds-Frino.
	For explanation of column headings, &c., see notes	Miles	Date	Size, or	Amount	Kate per	When	Where payable, and by	pal, When Due. Stocks—Last
	on first page of tables.	Road.	Bonds	Value.	Outstanding	Cent.	Payable		Dividend.
	Oayuga & Susquehanna—Stock	35		\$100	\$589,110	412	J. & J.	New York, 44 South st.	July 1, 1879
	Central R. R. & Bank, Ga.—Stock	708		100	7,500,000	212	J. & D.	Savannah, Ga.	Dec. 20, 1879
	General mort. "tripartite" bds (\$5,000,000) coup.	620	1872	1,000	3,500,000	. 7	J. & J. A. & O.	New York & Savannah. Macon, Ga.	Jan. 1, 1893 Oct., 1880
	Macon & Western bonds. Central of Iowa-1st M., gold, (income only till '81)	190	1870 1869	500 &c.	117,000 3,700,000	7 g.	J. & J.	New York, Office.	July 15, 1899
	Central of New Jersey—Stock	359		100	17,540,000	2^{1}	Q.—J. F. & A.	New York, at office.	April 10, 1876
	Mortgage bonds. Bonds (convertible Nov., 1875 to 1877)	74	$1869 \\ 1872$	1,000	5,000,000 4,400,000	7	M. & N.	do do do	1890 Nov., 1902
	Consolidated mortgage (for \$25,000,000)	97	1874	1,000	15,000,000	7 7 7	QJ.	do do	July 1, 1899 May 1, 1908
	Income bonds, reg., (not cumulative)		1878	100 &c.	2,450,000	7	M. & N.	do do	May 1, 1908
	Newark & New York, 1st mortgageLehigh & Wilkesbarre Coal Co., 1st mort., guar	7	$1867 \\ 1874$	500 &c. £200	1,680,000	6 g.	J. & J. M. & N.	London.	1887 Feb. 1, 1899
	do do Consol mort., coup.		1875	1,000	11,500,000	7	QM.	N.Y.—Cent. RR. of N. J.	June 1, 1900
	do do Inc'me bds, rg.(not cum'lat'e)			100 &c.	1,200,000	7	M. & N. J. & J.		May 1, 1888
	Am. Dock & Imp.Co. bonds, guar. Ceut.of N. J	••••	1878	1,000 100 &c.	3,000,000 5,550,000	7 7	M. & N.	do do do	May 1, 1903
	Adjustment mortgage	137	10.0	50	2,437,950	134	J. & J.	Balt., at B. & O. office.	July 29, 1879
	Preferred stock	137		50	411,550	3 6	J. & J.	Balt., West. Natl. Bank.	July 29, 1879 Sept., 1890
	1st mortgage bonds. Central Pacific—Stock.	$\frac{137}{2180}$	••••	1,000	2,500,000 $54,275,500$	1 g.		N. Y. & San Francisco.	Oct., 1878 (1)
	1st mort., gold. (2 sinking funds, \$50,000 each)	742	1865-8	1,000	25,883,000	6 g.	J. & J.	N. Y., Fisk & Hatch.	1895 to '98
	California State aid, gold (s. fund, \$50,000)	56 50	1864	1,000	1,500,000 1,483,000		J. & J. J. & J.		July 1, 1884 Jan. 1, 1883
	Bonds, formerly conv. into U. S. bds (s.f.,\$35,000) 1st m S. Joaq'n Val.Br.,gld (s.f.\$50,000,begins '80)	146	$1862 \\ 1870$	1,000	6,080,000	6 g.	A. & O.	N. Y., Fisk & Hatch.	Oct. 1, 1900
	U. S. Loan, (2d lien on certain terms)	742			25,885,000	6	J. & J.	U. S. Treasury.	1895 to '98
	Western Pacific, 1st mort., gold, (s. f. \$25,000) do Government lien	$\frac{158}{123}$	1869	1,000	$2,616,000 \\ 1,970,000$	6 g.	J. & J.	N. Y., Fisk & Hatch. U. S. Treasury.	July 1, 1899 1899
	Cal. & Oregon, 1st M., gold, guar., (s. f. \$100,000)		1868	1,000	6,000,000	6 g.	J. & J.	N. Y., Fisk & Hatch.	Jan. 1, 1888
	C. P., mortg. on C. & O. Br. (s. f. \$100,000)	152	1872	1,000	2,000,000	6 g.	J. & J.		Jan. 1, 1892
	San Fran. O. & A., 1st M. (s. f. \$100,000 begins '80) Land grant mortgage bonds		$1870 \\ 1870$	1,000	500.000 7,300.000	8 6 g.	J. & J. A. & O.		July 1, 1890 Oct. 1, 1890
	Champaign, Havana & West.—1st mort., pref	131	1879	100 &c.	350,000	7	J. & J.	N.Y., Nat. Bk. Republic	July, 1909
	1st mortgage.	131	1879	100 &c.	1,100,000	7	J. & J.	do N.Y.,M.K.Jesup,P.& Co.	July, 1909 Jan. 1, 1895
	Oharlotte Columbia & Augusta—1st mort. consol 2d Mortgage	$\begin{array}{c} 195 \\ 195 \end{array}$	$1869 \\ 1872$	1,000	1,810,500 500,000	7 7	A & O.	do do	Jan. 1, 1910
	Ohartiers—1st mortgage. Oherry Vailey Shar. & Al.—1st mort., convert	23	1871	1,000	500,000	7 7		Philadelphia, Penn R.R.	Oct. 1, 1901
	Oherry Vailey Shar. & Al.—1st mort., convert	21	1869	500 &c. 1,000	$300,000 \\ 201,000$	6	J. & D. J. & J.	N. Y., Metropolitan Bk. Richmond.	Dec. 15, 1899 July 1, 1898
	Ohesapeake & Ohio—Purch. money bds (\$2,300,000) 1st mortgage (\$2.000,000), "A"	434	1878	100 &c.	201,000	6 g.	A. & O.		July 1, 1908
	1st mortgage, gold, "B"	434		1,000	15,000,000	6 g.	M. & N.	New York.	July 1, 1908 July 1, 1918
	2d mortgage. 1st mortgage, (Va. Cent. R. R.,) guaranteed by Va.			1,000	10,000,000		J. & J. J. & J.		1880
	3d mortgage. do. do. coupon				918,000	6	J. & J.	do do	1884
	Income mortgage, (Virginia Central R. R.,) coup.				300,000	8	J. & J. J. & J.		1876 1877
	Funded interest, coupon bonds	88		100	$160,500 \\ 2,153,300$	1	J. & J.	Boston.	Jan. 6, 1879
	Bonds, not mortgage			500 &c.	836,400	6	T & T	do	July 1,'80 & '96
()	Chicago & Alton—Common stock	$\begin{array}{c} 677 \\ 649 \end{array}$		100 100	$\begin{array}{c} 10,065,300 \\ 2,425,400 \end{array}$	$\frac{3}{3}$	M. & S. M. & S.	N.Y.,M.K.Jesup,P.& Co.	Sept. 1, 1879 Sept. 1, 1879
	Preferred st'ck (7 p. c. y'rly not cumulative) General mortgage, sterling, for £900,000	322	1873	1,000	4,379,850	6 g.	J. & J.	Lond'n, J.S. Morgan&Co.	July 1.1903
	1st mortgage	220	1863	1,000	2,363,000	7		N.Y.,M.K.Jesup,P.& Co. do	Jan., 1893 Jan., 1883
	Joliet & Chicago, 7 per cent. stock	$\begin{array}{c} 220 \\ 38 \end{array}$	1862	500 &c. 100	1,096,000 1,500,000	7 134	A. & O. Q.—J.	N. Y. U. S. Trust Co.	Jan., 1880
	do do 1st mortgage, sinking fund	38	1857	1,000	306,000	8 7	J. & J.	N.Y.,M.K.Jesup,P.& Co.	July, 1882
	St. Louis Jack. & Ch., 1st mortgage	150	1864	1,000	2,365,000 564,000	7 .	A. & O. A. & O.	do do do do	April, 1894 April 1, 1894
	do do 1st mort. guar. by C. & A do do 2d mort. guar. by C. & A	37 37	$\begin{array}{c} 1864 \\ 1868 \end{array}$	1,000	188,000	7	J. & J.	do do	July, 1898
	do do 2d mortgage	150	1868	1,000	360,000	7	J. & J.		July, 1898 Aug., 1900
	Louisiana & Missouri, 1st mortgagedo de 2d mort.(int. guar. C. & A.)	101° 101	$\frac{1870}{1877}$	1,000	$\frac{1,854,000}{300,000}$		F. & A. M. & N.		Nov. 1, 1900
	do do guar, pref. stock		1011	1,000					
	Chicago & Ill. Riv., 1st mort. (\$474,000 guar.)	28	1875		1,000,000	7	M. & S. M. & N.	N.Y.,M.K.Jesup,P.&Co. do do	March 1, 1905 May 1, 1903
	Bonds for K.C.St.L.& C. line, s.f. \$60,000 after'79 Preferred stock do guar. C. & A	162	1878	1,000	3,000,000 1,750,000	6 g.			
	C. & A. bonds on Miss. Riv. Bridge, 1st mort., gold		1877	1,000	700,000	6	A. & O.	N.Y., M.K. Jesup, P.&Co.	Oct. 1, 1912
(Ohicago, Burlington & Quincy—Stock	1682	1050	100	30,409,407	8	\mathbf{J} . & \mathbf{J} .	N. Y., Bk. of Commerce.	Dec. 15, 1879 Jan. 1, 1883
	1st mortgage, sinking fund, (trust)	466 825	$\begin{array}{c} 1858 \\ 1873 \end{array}$	1,000 1,000	2,711,000 13,068,000		J. & J.	N.Y.N.Bk.of Com.&Bost	July 1, 1903 Oct. 1, 1919
	Trust mortgage on Iowa lines, coup. or reg	689	1879	1,000	3,000,000	5	A. & O.	New York.	Oct. 1, 1919
	Northern Cross R. R. 2d. mortgage, gold Trust mortgage (Burlington to Peoria)	100			741,000 653,000	4 g.	J. & J. A. & O.	Frankfort. N.Y., N. Bk. of Com'rce.	July 1, 1890 Oct. 1, 1890
	Plain bonds (coupon or registered)	96	1872	1,000	1,462,475	7	J. & J.	Boston, Co.'s office.	Jan. 1, 1896
	Bonds of 1875, (sinking fund \$13,860 per year).		1875	1,000	415,000		J. & D.	Boston, Co.'s Office. N.Y., N. Bk. of Com'rce.	June 1, 1895 July, 1889
	Ottawa, Oswego & Fox Riv., 1st m Coupon, but may be	40 70	1869 1870	500 &c. 1,000	546,500 1,079,000	_	J. & J. J. & J.		July, 1900
	Illinois Grand Trunk, 1st mort (registered)	44	1870	500 &c.	890,500	8	A. & O.	Boston.	Oct., 1890
	Quincy & Warsaw, 1st mortgage	40	1870	1,000	720,000		J. & J. A. & O.	New York and Boston. Boston.	July, 1890 Oct. 1, 1901
	B'ds for St. L. R. I. & C. (sink. fund \$50,000) coup. Quincy Alton & St. Louis, 1st mortgage, coupon.	$\begin{array}{c c} 270 \\ 46 \end{array}$	$1876 \\ 1876$	1,000	$2,360,000 \\ 840,000$	5	F. & A.	Boston, C. B. & Q. RR.	Feb. 1, 1896
	,	-0	20.0	-,500	2 = 3,3 2 3	. 1			

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

Central Railroad & Bank. Ga.—Leases several roads, and guarantees bonds. In April, 1875, purchased one-half interest in Western Railroad of Alabama at foreclosure sale. The "tripartite" bonds are issued jointly by this Company, the Macon & West., and Southwestern. Gross earnings year ending August 31, 1879, \$2,821,545; net. \$1,208,245, against 1,123,309 in 1877-8. (V. 27, p. 381, V. 29, p. 655.)

Central of Iowa.—Sold in foreclosure, July, 18, 1877. under first moregage. Reorganization made in 1.79. First preferred stock is \$9(7,000; 2d pref. stock is \$1.167,800 given for old 2d mortgage bonds and interest; common stock is \$4.925,200. 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. :6, p. 215. Gross earnings 1878, \$5,589,525; net, \$2,362,769. 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:

	Receipts.	Expenses.	Net earn'gs.
1874	\$8,589,631	\$4,140,601	\$4,449,0 0
1875		4,128,727	3,282,910
1876		3,684,900	3,262,000
1877		3,263,567	2,484,816
1878	F F.10 F3F	3,283,755	2,302,769

-(V. 26, p. 40, 66, 95, 141, 216, 315, 291, 495, 574, 592, 624; V. 27, p. 651; V. 18, p. 120, 223, 476, 578; V. 23, p. 197, 6.7.)

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. 40°. Gross earnings, 1878, \$17,530,853; expenses, \$8,786 118; net earnings, \$8,744,739; rental of leased lines, \$2,495.058; interest, \$3,954,779. The dividend of 1 per cent declared October, 1878, was enjoined. Trustees of land mortgage held in Mry, 1879. \$108,512 in cash, and \$1,727,078 in notes, and in August they called for sale to them of \$100.000 land bonds, and again in Oct. for \$100,000. (V. 27, p. 41, 95, 12:, 147, 253, 274, 407, 459; V. 23, p. 60, 121, 477, 623; V. 29, p. 95, 495, 434, 510, 563.)

Champaign, Havana & West.——This is the re organization of the Ind. Boom & Western Extension. Stock is \$1,650, Met. (V. 23, p. 301.)

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 3,011. "Bills payable." \$132,775. Control of road sold to Richmond & Danville. (V. 24, p. 62; V. 26, p. 95; V. 27, p. 280; V. 28, p. 96.)

Chartiers.—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. 29, p. 404.)

Chesapeake & Ohio.—Sold in foreclosure April 2. 1873, for \$2,750,000 and re-organized, with bonds as above, when all are issued. The poyments on old Virginia Central bonds and coupons, and notes

issued therefor, were made as per circular, CHRON-ICLE, V. 27, p. 94. Net earnings 1877-8. \$341,621., (V. 26, p. 17, 342, 522, 625; V. 27, p 15, 94; V. 28, p. 41, 172, 502, 525; V. 29, p. 17, 66.)

Cheshire.—Net income. 1877-78, \$78,019. New 6 per cent bonds for \$586,000 authorized, to red em 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.24, 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 Rai.road 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 Kinsis City built in 1878, and a mortgage on that line (K. U. St. L. & Chic. RR.) is deposited in trust as security for C. & A. gold 68 of 1878. The preferred stock on K. C. St. L. & C. was issued for equipment (V. 26, p. 95, 192, 213, 287, 436, 547; V. 27, p. 41, 94, 382; V. 23, p. 274, 298, 403, 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. 138; V. 26, p. 190, 548; V. 27, p 356, 435, 651; V. 23, p. 223, 271; V. 29, p. 67, 119, 255, 658.)

For explanation of column headings, &c., see notes of Earl Bonds (15 page) of thirty page of their p	DESCRIPTION.	1	1	1	ì	I	PEDEST	OP DIVIDENDO	Bonds-Princi
Ohleago d' Guada Southern—I sturt, gold. 6719 1872 1970 1970 1970 1970 1970 1970 1970 1970	For explanation of column headings, &c., see notes	Miles			Amount	D			pal. When Due
Ocheage A Canada Southern—Ist mort., gold. Ist mortgan. July 1. 1872 Ocheage A Canada Southern—Ist mort., gold. Ist mortgan. South Market South	on first page of tables.	Road	. Bonds		Outstanding			in the state of the state of	Stocks-Last
## Office of the Control of Contr	Chicago & Canada Southern 1st mort gold		-		-				
1.00	Unicago, Uncinnati & Louisville—1st mort	73				7 g.	A. & O	N. Y., Union Trust Co.	April 1, 1902.
Charles Assail Charles Assail Charles Charle	Unicago Ulinton Dubuque & Minn.—Stock	223		1	6,156,000	2		Poston Office	Jan., 1887
Oblicago, Discord February Discording Discordin	Chic. & East. Ill.—1st M., coup. 18. f. \$20,000 after 851	137		1.000	400,000		F. & A.	do	Fob 1 1994
200 1871 1.000 1.750.0		137				7	J. & D.	New York, 4th Nat. Bk	June, 1907
The property of the property	Oncayo a lowa—18t mort., conn., may be reg	80		1,000	1,750,000	8	J. & J.	New York and Roston	Dec., 1907
The property of the property	20 mortgage (now 1st)	00	1860		3,916,200	5	J. & J.	Boston, by Treasurer	July 1, 1879
The property of the property	3d do (now 2d)	82				7	J. & J.	Boston, Merchants' R'k	July 1, 1888
Table Tabl	Port Huron & I. Mich. 1st mortgage	166			3,600,000	7 g.	M. OF N.	New York.	May. 1889
Date of the second part of the s	Unite. & Mich. L. Shore—Stock, new		1870	1,000		7 g.	M. & N.		May 1, 1900
Treferred stek (7 p. c. y*fty, not emministives 1725 1725 1725 1725 1725 1725 1725 1725 1725 1725 1725 1825	150 MULICAGE, NEW BIHL TO St. 10	-L,	1869	1,000	477,000	8	M. & S	Rost Troopy town office	9 mt 1000
Consolidated mortgage (for \$55,000,000)	A ICICITED NICK (/ D.C. V'PIV not cumulativa)	1,729			15,404,261	$2^{1}\!2$		New York. Office.	Oct. 15, 1879
24 mortgage (Prairie du Chien) (19 m.) 25 25 25 25 25 25 25 2	Communication inarrog of that \$25 and and	1,720	1875					do do	Oct. 15, 1879
18th mortgage (lowa & Minnesota 18th mortgage (lowa & Dakota 1804 1805 1804 1807 1805 1807	Lacrosse Div.)		1863		6,600,000	7			July 1, 1905
18th mortigage (Prairie du Chien)	1st mortgage (Iowa & Minnesota)			1,000	600,000	7	A. & O.		
18th mortigage (Prairie du Chien)	1st mortgage (Minnesota Central)					7		do do	1897
1st mortgage (Prairie du Chien) \$253 \$1868 1,000 \$350,000 7 F. & A. do do July 1, 1908 1898 1,000 \$315,000 7 F. & A. Me New York, Office. 1898 1,000 \$315,000 7 F. & A. do New York, Office. 1898 1,800 1,811 1,000 224,000 7 F. & A. do 0 1,898 1,	1st mortgage (Iowa & Dakota)		1869			7			
24 mortgage (Prairie du Chien)	1st mortgage (Prairie du Chien)				4,500,000	7			July 1, 1908
8t. P. & Chie. 1st M. (Riv. Div.) is & zeconv.) \$\frac{\psi}{2}\$ \$100 \$\frac{\psi}{2}\$ \$1,000 \$\frac{\psi}{2}\$ \$24,000 \$7\$ \$J\$. & \$J\$. & \$J\$. & \$J\$. & \$J\$. & \$J\$. & \$J\$. \$J\$. & \$J\$	2d mortgage (Prairie du Chien).	235			3,674,000	8	F. & A.	New York, Office.	1898
Bonds on Western Union RR, 1st M.	Milwaukee & Western.		1861						
Bonds on Western Union RR, 1st M.	1st mortgage, Hastings & Dakota				4,000,000	7 g.		London and New York	Jan., 1902
Bonds on Western Union RR, 1st M.	1st mortgage, Chicago & Mil. line.				172,000	7	J. & J.	New York, Office.	
		160		1	3.000,000	5	J. & J.	_	
Preferred st'ck' (7 p. e, y'rly, not cumulative)	Chicago & Northwestern—Common stock	212	1879	1,000	4,000,000	6	J. & J.	N.Y., Mil. & St. Paul RR	July 1, 1909
Bonds, pref. (sin's fund), 1st mort, Chie. to Osh. 193 1859 100 &c. 673,400 74 6.4	Licition by CB (7 D. C. V FlV. Hot chimilativa)	2,154 2.154			14,988,807	3	J. & D.	New York, Co.'s Office.	Dec. 26, 1879
1st mort, Guica, Hungde Coup. 2d fl., Chic to Osh. 193 1862 100 &c. 676,400 7 M. & N. 0 0 0 0 0 0 0 0 0	Donds, pret. (sink g lund). 1st mort. Chie to Ogh	193			972,200	1.77	$Q_{\cdot}-M_{\cdot}$	do do	Dec. 26, 1879
Appleon exten., 1st mort. on 23 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort on 26 miles and land. Capteen Day sexten., 1st mort captee	1st mort, general 3d mort. Chie to Oshkosh		1862	100 &c.	676,400	7			Nov. 1, 1883
18 18 18 18 18 18 18 18	Appleton exten., 1st mort, on 23 miles and land	23		100 &c.		7	F. & A.	do dó	Aug. 1, 1885
Messassip River Bridger Us, lien on net earnings of the state of the s	Green Bay exten., 1st mort, on 26 miles and land	26	1862	500 &c.		7	F. & A.		Aug. 1, 1885
1st mortgage (Beloit & Madison Raibrond) 44 1853 1,000 272,2000 7 7 J. & J. & J. do do Jann. 1888 Madison extension, 1st mort, guar. 57 1865 1,000 247,000 7 7 J. & J. & J. do do Jann. 1889 Memominee River, 1st mort, guar. 55 1870 1,000 1,700,000 7 7 J. & J. & J. do do Jann. 1898 Memominee extension, 1st mortgage, 2d lien 1871 500 &c. 1,700,000 7 7 J. & J. & J. do do Jann. 1898 Memominee extension, 1st mortgage, 2d lien 1871 500 &c. 1,700,000 7 7 J. & J. & J. do do Jann. 1898 Memominee extension, 1st mortgage, 2d lien 1871 500 &c. 1,200,000 7 7 J. & J. & J. do do Jann. 1898 Memominee extension, 1st mortgage, 2d lien 1871 500 &c. 1,200,000 7 7 J. & J. & J. do do Jann. 1898 Memominee extension, 1st mortgage, 2d lien 1871 1,000 1,650,000 7 7 J. & J. & J. do do Jann. 1891 1,11	Mississippi River Bridge bids lien on not coming	248		1,000	1,638,000	7			Aug. 1, 1885 Feb 1 1882
The mortigues (Beiolt & Madison Railroad)	18t mort. (Peninsillar RR.) on roads and lands	74	1863			7	J. & J.	do do -	Jan. 1. 1884
Madison extension, 1st mort signing fund, gold. 185 1,000 5,19-,000 7 Q-F do d	18t mortgage (Beloft & Madison Railroad)	46				7	M. & S.		Sept. 1, 1898
Chicago & Milwaukee, 1st mortgage, 2d lien 5	COURSE BILLEY I'M M. (311 above convert into this)		1865	1,000	5.19~.000	7	QF.	_	Jan., 1888 Feb. 1, 1915
Menominee extension, 1st mortgage, gold 120 1871 500 &c. 2,700,000 7 g. J. & D. do do July 1, 1896 Gen. cons mort., gold, coup, or reg. (\$4\$,000,000 1,058 1872 500 &c. 12,343,000 7 g. J. & D. do do July 1, 1906 do 2d mort., do do 137 1871-1 1,000 1,650,000 7 g. J. & D. do do July 1, 1896 Hort 1,000 2,750,000 7 g. J. & D. do do July 1, 1896 Hort 1,000 2,000 1,058 1872 500 &c. 1,000 2,000 7 g. J. & D. do do July 1, 1896 Hort 1,000 2,000 1,058 1872 500 &c. 1,000 1,350,000 7 g. J. & D. do do July 1, 1896 Hort 1,000 2,000 1,0	CHICARU & MILWHIKEE, IST MAPTOR OF 2d lion					7 g. 1	A. & O.	do do	April 1, 1911
Gen. cons mort., gold, coup. or reg. (§18,000,000) 1,000 1,343,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,350,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 7 g. J. & D. do do June 1, 1911 1,900 1,900,000 1,900	menominee River, 1st mort, guar	25	1876	,		7	J. & J.		July 1, 1898
Winona & St. Peter, 1st mort, gnar by Chic. &N W 137 1870 1 000	Menominee extension. 18t mortgage, gold	120	1871	500 &c.	2,700,000	7 g. J	J. & D.		
187 1871 1 1 1 1 1 1 1 1 1	whola & St. Peter, 1st mort., guar by Chic. &NW.				12,343,000	7 g. 1	I. & D.	do do	Dec. 1, 1902°
Lova Midland, 1st morts, guar, 1st, 1st, 1st, 1st, 1st, 1st, 1st, 1st	2d mort., do do	137	1871-1		1,650,000	7	M & N		Jan. 1, 1887
Minnesoter Union, ist mortgage. Minnesoter Winder Valley, 1st mortgage. 24 1878	10W& Midialid, 18t mort, guar, by Chie & N W				4,313,000	7 g. J	I. & D.		Dec. 1, 1907
Rochester & No. Minnesota, 1st mortgage. 24 1878 20,000 7	Northwestern Union, 1st mortgage, gold					8	A. & O.	do do	Oct. 1, 1900
Plain View Railroad, 1st mortgage	Aumesota valley, 1st mortgage	24	1878	. 1					
1879 1,000 2,400,000 6 1,500	Plain View Railroad, 1st mortgage				200,000	7 1	M. & S.		Sept. 1, 1908
156 1873 1,000 2,961,000 70,000 8 F. & A A. & Co	Sinking fund bonds of 1879 (for \$15,000,000)				2 400,000				Sept. 1, 1908
2d mortgage (18	Inicago & Paaucan—1st mortgage	156	1873				. & J.		Oct. 1, 1929
1891 1891	20 mortgage	04			700,000	8 F	. & A. 1	V. Y., Farm. L. & T. Co.	
Towa South. & Missouri North. RR. stock 1869 100 &c. 5,000,000 5,000,000 7 M. & N. do do Nov.; 1890 1856 1,000 1,500,000 1,500,000 8 J. & J. M. & N. do do Nov.; 1890 N	Thicago, Rock Island & Pacific-Stock	.043	10/1			8	1. & O.	********	1891
Towa South. & Missouri North. RR. stock 1869 100 &c. 5,000,000 5,000,000 7 M. & N. do do Nov.; 1890 1856 1,000 1,500,000 1,500,000 8 J. & J. M. & N. do do Nov.; 1890 N	180 mortgage (10r \$12.500.000) conn or rec	636		1,000&c	9.965.000	6 J	Q.—r. r		
Act St. Louis & V. O.—1st M. (N. O. J. & G. N.) 206 1856 1,000 2,941,000 1,500,000 1,5	10Wa South, & Missouri North RR etock			100 &c.	5,000,000	7 N	I. & N.		Nov., 1890
Funded coupon bonds	Thic. St. Louis & V. O.—1st M. (N. O. J. & G. N.)		1856	1.000		2 1	Q.—F.	do do	Nov. 1, 1879
Ist mortgage, (Miss. Central)	2d mortgage, (N. O. J. & G. N.)				1,500,000	8 A	. & O.		July 1, 1886
Chic. St. Louis & N. O. 1st mort. (for \$13,000,000) 567 1877 1,000 3,057,000 1,000 3,057,000 1,0	18t mortgage. (Miss. Central)		1051				. & A.	_	Aug. 1, 1885
180 1878 1	2d mortgage, do (\$500,000 disputed)	!			1 997 000	7 M		do do la	Nov., 1880&'84
180 1878 1	Chic. St. Louis & N. O. 1st mort. (for \$13,000,000)	567	1877		3,057,000	7 M			Nov. 1, 1886 Nov. 1, 1897
Lating graint mort., Income, coup. (2d on road) 180 1878 500 &c. 2,018,000 6 g. M. & N. do do do do do do do d	Micago St. Faul & Minneanolis—1st mort of count				7,253,000	$6 \mathbf{J}$. & D.	do do	Dec. 1. 1907
Retinant, Hamitton & Dayton—Stock. 60 100 3,500,000 4 A. & O. N. Y., Winslow, L. & Co. May, 1898 1853 1,000 1,245,000 494,000 7 J. & J. do do do do do do do d	Land grant mort., income, coup. (2d on road)		1878	500 &c.		6 g. M	[. & N.	New York, at Office.	May 1, 1918
2d do 1865. 60 1853 1,000 1,245,000 7 M. & N. do do do July 20, 1885 (20, 1865) 1,000 1,865 1,000 996,000 1,120,000 1,846,000 1,120,000	mulling, Hamilton & Daylon—Stock	60			3,500,000	4 g. M	& O N	. Y. Winslow I. & Co	May, 1898
Consolidated mortgage. Consolidated mortgage Cons	24 40 1865				1,245,000	7 M	L. & N.	do do	May 1, 1880
Sin. Ham. & I. (Junction) RR., 1st mort., guar 98 1873 1,000 1,846,000 7 J. & J. do do Jan., 1903 1903 1,000 1,120,000 471,000 7 J. & J. J. & J. J. & J. N.Y., J.S.Kennedy & Co. Nov. 1, 1914	Combon, more, nor 53.000 0000 sink fund 1 n a 1				0000001	6 & 7 J.	& J.	do do	July 20, 1885
Consolidated mortgage. 56 1871 1,000 1,120,000 7 g. M. & S. N.Y., J.S.Kennedy & Co. Mch., 1901 7 g. J. & J. do do Nov. 1, 1914	Cin. Ham. & I. (Junction) RR. 1st mort guar	98 3	1873	1		7 A	& J.		
7 J. 1574 1.000 7 g. J. & J. do do Nov. 1, 1914	Consolidated mortgage.				1,120,000	7 g. M	I. & S. N	Y., J.S.Kennedy & Co.	Mch., 1903
				TARRET	471,000	7 g. J.	& J.		Nov. 1, 1914

Chicago & Canada Southern.—Connection of Canada Southern. Interest in default. Controlled by Lake Shore & Michigan Southern. (V. 25, p. 251; V. 29, p. 170, 537.)

Chicago, Cincinnati & Louisville .-- No informstion 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 \$409,000 bonds were offered to sockholders at par. (V. 27, p. 831; 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, \$83,894; net, \$302,396; expenses for betterments, \$65.2.2 (V. 27, p. 425, 486, 513; V. 28 p. 112, 327; V. 29, p. 146, 488.)

Chicago & Iowa. - old Mar. 9, 1878, in foreclosure of 2d mortgage of \$1,150,000, and a re-sale or ered. Compromise effected and coup of July, 1-78, paid July, 1873. Net earnings 1877- . 272,351. (V. 25, p. 188, 307; V. 26, p. 166, 264; V. 7, p. 49, 251, 513.)

Chicago, Irwa & Nebraska. Leased in perpetuity to Chic. & Northwest., at 37% per cent of gross

Chic & Lake Huron.—This was a consolidation of the Penineular 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. 40², 487, 652; V. 28, p. 17, 120, 223, 302, 641; V. 29, p. 146, 225, 489.)

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

Chicago Milwaukee & St. Paul.—Net earnings in 1878; \$3,659,454; 1877, \$3,574,460; 1576. \$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:

1,512 Miles owned .. 1,512 \$27,683,744 \$27,683,744 1,399 \$27,673,744 Funded debt. 32,0.8,50) 29,954,500 30,010,500 8,45:,767 4,792,3:3 Earnings 8,114,894 8,054,171 Op. expenses. 4,953,321 Net earnings. 3,659,454 3,574.460 3,100,847 Of censol. bonds of 1875 enough ar reserved to take up old debt. Dividends have been paid since 1869-on pref. stock in 1879 7 cash, in 1878 1014 cash, in 1877 3½ cash. in 1876 14 p c in bonds and 3½ p. c. in cash, in 1874 7 in bonds, 1873 7 cash, 1872 7, 1871 7, 1870 7 and 3 scrip; on common stock in 1879 21/2 cash, in 1871 7 scrip, 1870 3 cash and 7 scrip. West. Union RR is leased for 999 years, and its bonds were retired. Davenport & Northwest. road was purchased. (V. 27, p. 172, 251, 322, 382, 461; V. 28, p. 97, 120, 148, 301, 378, 398, 428, 453, 502, 503, 543, 580, 624; V. 29, p. 95, 170, 197, 25!, 328, 356, 433, 511, 602, 631, 657.) 602, 631, 657.)

Chicago & Northwest.—The mileage of read above (2,154) includes "proprietary" lines. For year end ng May 31, 1879, gross earnings were \$14,580,121: operating expenses, \$7,707,649; earnings, \$6,873,272: rentals, interest, &c., \$4,5.5. 644; balance net profits. \$2.237,627. The corresponding net surplus for 1877-8 was \$2,464, 87. The net deficit on proprietary roads was \$1,27,312. Lands of the company were 2,63,829 acres unsold. Operations of the whole road for two years, compare as follows:

Gross Expenses earnings. 1873-79.... \$14.*80,521 and taxes. earnings. \$7.70⁷,649 1877-78... 14.751 062 7,620:945 7,130,117 In February, 1879, the quarterly dividends on preferred stock were begun. The sinking fund bonds of 1879 are secured by deposit of mortgage bonds on new roads acquired, at rate of \$15,000 per mile. (V. 25, p. 160, 444, 532; V. 26, p. 469, £74; V. 27, p. 140, \$\mathbb{T}\oldsymbol{0}\$. 372, 426, 603, 628; V. 29, p. 119, 168, 197, 225, 277, 357, 408, 608, 656.)

Chicago & Paducah.-Gross earnings 1877-8. \$266,-622; net, \$27,956. (V. 28, p. 617; V. 29, p. 328.)

Chic. Pek. & Southw'n .- Receiver appointed June, Gross earnings 1877-3, \$243,4:3; (V. 28, p. 41. 63, 199; V. 29, p. 328, 631.)

Chicago Rock Island & Pacific.—In 1878-9 gross receipts were \$9,40',933; net receipts, \$4,329,9:0; 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% per cent. Controls Peoria & Rock Island road. Keokuk & Des Moines RR. was leased Oct., 1878. (V. 26, p. 574, 199, 623, 653; V. 27, p. 614, 677; V. 28, p. 502; V. 9, p. 15 489, 608, (31.)

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 e-rnings 1878, \$2,819.09: net earn 1878, \$8,8733. Of 1st mert. \$1,199,000 are a prior lien in Tenn. (V. 23, p. 277, 502; V. 29, p. 406.)

Chicago St. P.ul & Mi neapolis. - This is the West Wisconsin RR. reorganized. Pief. stock \$100,000, common \$4000,000. 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, \$365,1 5; net, \$150.114. The lands mortgaged are about (0,000 acres, and the total lands owned considerably more.

(V. 26, p. 4.6; V. 27, p. 382; V. 28, p. 50?.) Cinc. Ham. & Dayton.—Net income of C. H. & D. in Cinc. Ham. & Dayton.—Net income of C. H. & D. in 1878-9, \$141,193 after payment of interest. Defaulted on C. H. & I. gnarantee in 1877. Report of bondholders' conference, V. 2', p. 68. (V. 26. p. 117, 599, 624; V. 27. p. 356; V. 28, p. 68, 302, 5.5, 624; V. 29, p. 15, 197, 563, 658.)

Cincinnati, Lafayette & Chicago.—Gross earnings in 1877-78, \$408,188; net, \$127,599. (V. 29, p. 459.)

					\			. D. d. Den d
DESCRIPTION.	Miles	Date	Size or		INT	PEREST	OR DIVIDENDS.	Bonds-Princi-
For explanation of column headings, &c., see notes on first page of tables.	of	of Bonds	par	Amount Outstanding	Rate per Cent.	Pay'ble		Stocks-Last Dividend.
Cincinnati & Muskingum Valley-1st mortgage	148	1870		\$1,500,000		J. & J.	New York, Moran Bros.	Jan., 1901
Um., Richmond & Chic.—1st mort., guar. C. H. & D.	36	1866	1,000	560,000		J. & J. J. & J.	N. Y., Winslow, L. & Co.	July, 1895
2d mortgage, guar, and owned by C. H. & D Cin. Richmond & Ft. W.—1st mort., gold, guar	36 90	1869 1871	1,000	65,000 1,800,000		J. & D.	do N. Y., Winslow, L. & Co.	Jan. 1, 1889 June, 1921
Vincinnali, Sandusky & Cleveland-Stock	188		50	4,005,750	108.		Boston, Office.	1872
Preferred stock	1 138	1000	50	429,037	3	M. & N.		Nov. 1, 1879
mortgage bonds, Sandusky, Dayton & Cincinnati		1866 1852		750,000 350,000		F. & A. M. & S.		Aug. 1, 1900 Sept. 1, 1897
do Sandusky city & Ind		1867		1,100,300	7	J. & D.	N. Y., Union Trust Co.	Dec. 1, 1890
Uincinnali & Springfield—1st mortgage, guar	1 80	1871	1,000	2,000,000	7	A. & O.	N. Y., U. S. Trust Co.	April 1, 1901
2d mortgage	1 48	1872	1,000	651,000		J. & J.	do do	1902
Cin., Wab. & Mich-1st mortgage Oleveland, Columbus, Cincinnati & IndStock	114 471	1871	1,000	1,824,000 14,991,800	7 g.	J. & J. F. & A.	Wabash, Indiana N. Y., U. S. Trust Co.	July 1, 1891 Feb. 1, 1876
1st mortgage (C., C. & C. RR.) \$25,000 a year	138	1860	500	150,000		J. & D.	do do	June, '75 to '89
do (Bel. & Ind.) exch. for new mort	202	1864	1,000	420,000		J. & J.	do do	Until 1899
do C., C., C. & I. sinking fund.	390 390	1869 1874	1,000	3,000,000 2,539,000	7 or 6 g.	M. & N. J. & D.	New York or London.	May, 1899 June 1, 1914
Consol. M. for \$7,500,000 (sink. fund 1 per ct.) Oleveland & Mahoning Valley—Stock	80	10/4	50	2,759.200	312	M. & N.	Cleveland, Office.	(?)
1st mortgage, extended	1 67	1873	500 &c.	630,000	7 g.	F. & A.	N. Y., Ward, C. & Co.	Aug. 1, 1893
New bonds. Niles & New Lisbon, 1st mortgage.	67	1876	500 &c.	500,000	7 7	M. & S.	N N N Yanian Manada Ga	Sept., 1906
Sleveland, Mt. Vernon & Del.—1st mortgage, gold	35 145	1870 1870	500 &c 1,000	500,000 1,350,000	7 g.	J. & J.	N. Y., Union Trust Co. N. Y., Winslow, L. & Co.	Jan., 1890 Jan. 1, 1900
1st mortgage, Columbus Extension.	140	1871	1,000	950,000	7 g.	J. & J.	do do	Jan. 1, 1901
Income mortgage		1875	500 &c.	669,000	7	M. & S.	dodo	Jan. 1, 1905
Uleveland & Pittsburgh—Guaranteed stock	225	1000	50	11,244,036	134	Q.—M.	N. Y., Farm. L. & T. Co.	Dec. 1, 1879
4th mortgage (now 1st)	199 199	1862	1,000	1,104,844 2,651,000	6 7	J. & J. M. & N.	do do do do	Jan., 1892 Nov. 1, 1900
Construction and equipment bonds		1873	1,000	1,298,000	7 7 7	J. & J.		Jan. 1, 1913
Cleveland, Tuscarawas Valley & Wheeling-1st m	101		1,000	2,180,000	7		Cleveland, Ohio.	
Golebrookdale—1st mortgage.	18 78	1868	100 &c.	600,000 $1,272,000$	6	J. & D.	Phila., Co.'s Office. Boston, Treas.'s Office.	June 1, 1898 June 1, 1890
Oolorado Central—1st mortgage, convertible Columbus & Hocking Valley—Stock	89	1870	1,000	2,030,150	4	F. & A.	Columbus, Office.	Feb. 10, 1879
1st mortgage, sinking fund bonds.	76	1867	500 &c.	1,500,000	7	A. & O.	N. Y., St. Nich. Nat. B'k	Oct. 1, 1997
1st mortgage, sinking fund bonds. 1st mortgage, Logan & Straitsville Branch	13	1870	1,000	300,000	7	J. & J.	do do	July 1, 1880
2d mortgage bonds. Columbus, Chicago & Indiana Central—Stock	89 588	1872	1,000	$700,000 \\ 13,938,972$	7	J. & J.	do do	Jan. 1, 1892
1st M. (consol.) Columbus, Chic. & Ind. Central	588	1868	1,000	10,428,000	7	A. & O.		April, 1909
do Chic. & G't East. (Chic. to Logansport)	117		-,	451,000	7	Various		1893 & '95
do Col. & Ind'polis Cent. (Col. to Ind's & br.)	208	1864		2,632,000		J. & J.	N. Y., A. Iselin & Co.	Nov., 1904
do Union & Logansp't (U'n City to Logansp't) do Tol Logansp't & Burl.(Logansp. to Ill line)	93 61	1865		775,000 531,000	7	A. & O. F. & A.	do do	Dec., 1905 Feb., 1884
do Col. & Ind. 1st & 2d pref. (Col. to U'n City)	102			309,500	7	J. & J.	do do	Dec., 1883
do Cinn. & Chic. Air Line(Richm'd to Logans.)	107	,		217,750	7	Various	do do	1886 to '90
2d M. Col. & Ind'polis Cent. (Col. to Union City)do Chic. & G't East, construc. (Chic. to Rich'd)	$\begin{array}{c} 102 \\ 224 \end{array}$	••••	••••	$821,000 \\ 341,400$		M. & N. J. & J.	do do	Nov., 1904
do Chic. & G't East. construc. (Chic. to Rich'd) do Columbus, Chicago & Ind. Central	537			3.692.000	7	F. & A.	40	
Income conv. do do do do	• • • • •	1870		4,597,000	7	F. & A.		Feb., 1890
Income (Toledo, Logansport & Burlington)	••••			74,024	1	F. & A.	N. Y., A. Iselin & Co.	
Union Trust Co. certificates Oclumbus, Springfield & Cincinnali—1st mort	45	1871	1,000	1,500,000	7	M. & S.	N. Y., Union Trust Co.	Sept. 1, 1901
Volumbus & Toledo—1st mortgage coupon, s. f	118	1875	1,000	2,416,000	7	F. & A.	New York.	Aug. 1, 1905
olumbus & Xenia-Stock	55		.50	1,786,200	2	QM.	Columbus Treasury.	Dec. 10, 1879
1st mortgage	55 141	••••	1,000	302,000 1,500,000	7	M. & S.	N. Y., Am. Exch. N. B'k Boston, Tower, G. & Co.	Sept. 1, 1890 Nov. 1, 1879
Concord & Portsmouth-Stock, guaranteed	41		100	350,000	312	J. & J.	Boston.	July 1, 1879
Connecticut & Passumpsic—Stock	146		100	2,175,500	112	F. & A.	Boston Office.	Aug. 1, 1879
New mortgage (for \$1,500,000)	110	1873	100 &c.	1,272,000		A. & O. Various	do	April 1, 1893
Notes, coupon Massawippi st'k, guar. same div. as Conn. & Pass.	38	1871	100 &c.	123,000 400,000		F. & A.	do	Jan. 1, 1881 Aug. 1, 1879
do bonds, guar. by Conn. & Pass	38	1869	1,000	400,000	6 g.	J. & J.	do	July 1, 1889
Connecticut Central—1st mortgage for \$400,000		1875		262,500	7	A. & O.	D	Oct., 1895
Connecticut River—Stock.	56	1071	100	2,100,000	4 7	J. & J.	Boston, Bost.& Alb. RR. N. Y., Am. Exch. N. Bk.	July 1, 1879
Connecticut Valley—1st mortgage	44	1871	1,000	1,000,000	6	M. & S.		Jan. 1, 1901 1900-'1-'2-'3-'4
Dumberland & Pennsylvania—1st mortgage	38	1866	1,000	803,500	6	M. & S.	New York, Co.'s Office.	March 1, 1891
2d mortgage, sinking fund, (guaranteed)	38	1868	1,000	594,000		M. & N.	do do	May 1, 1886
Jumberland Valley—Stock (\$484,900 preferred)	110	••••	500 &c.	$1,777,850 \mid 161,000 \mid$	8 212		Phila. and Carlisle, Pa. Phila., T. A. Biddle & Co	Oct. 1, 1879 April 1, 1904
1st mortgage. 2d mortgage, sinking fund guaranteed	$\begin{bmatrix} 52 \\ 52 \end{bmatrix}$		500 &c.	109,500		A. & O.		April 1, 1908
Common bonds.			100 &c.	81,800	6	A. & O.	do do	Jan. 1, 1884
Dakota Southern—1st mortgage, coup., s. fund	6112	1874	1,000	558,000	7 g. I	F. & A.	New York. New York and Danbury	Feb. 1, 1894
Danbury & Norwalk—Stock	33	60-72	100 &c.	600,000 500,000	$\begin{bmatrix} 1^{1}_{2} \\ 7 \end{bmatrix}$. & J	New York, 84 Broadw'y	1880, '90. '92 2
1st, 2d and 3d mortgages. Dayton & Michigan—Com. stock (3½ guar. C.H.&D.)	142	00-72	50	2,395,350	134	A. & O. (Cincinnati. C. H.& D.Co.	Oct., 1879
Preferred stock, (8 per cent. guar. C. H. & D.)	142	1871	50	1,286,100	2	QJ. 1	N. Y., Winslow, L. & Co.	Oct., 1879
1st mortgage, sinking fund, \$30,000 per year	142	1856	1,000	1,870,000	7 J	I. & J. I. & S.	do do	July, 1881
2d mortgage	$\begin{array}{c c} 142 \\ 142 \end{array}$	1867 1869	1,000	426,000 356,000		1. & 0.	do do	Sept., 1887 Oct., 1888
Toledo depot (cost \$353,940) 1st and 2d mortgage			500 &c.	105,500	7 1	M. & S.	do do	Mar., '81 & '334
Dayton & Western-1st M., guar. L. M. & C. & X		1865	1.000	614,000	6 & 7 J	. & J. 1	Y. Y., Am. Exch. N. B'k	Jan. 1. 1905
					1:			

Cincinnati & Muskingum Valley .- Is leased for 99 years from 1873 to Pittsb., Cin. & St. Louis for net earn'gs, but bonded interest is guaranteed. Net earnings, 1878, \$22,310—loss to lessee, \$82,689. (V. 22, p.

Cincinnati, Richmond & Chicago .- Leased to Cin., Ham. & Dayton, which owns most of the stock. Net profit to lessee, above interest, 1877-78, \$22,944. (V. 26, p. 6:4; V. 29, p. 15.)

Cincinnati, Richmond & Fort Wayne .-- Leased to

Cincinnati, Richmond & Fort Wayne.—Leased to Grand Rapids for 99 years. Interest guaranteed by Gr. Rap., Cin. Ham. & Dayton, and by Penn. Co. (V. 27, p. 172; V. 29, p. 299.)

Cincinnati, Sandusky & Cleveland.—In the year ending June 30, 1879, gross earnings were \$725,168; expenses, \$505.053; net earnings, \$220,105. Six coupons on 2d mort. bonds funded, from June. 1877. The pref. *tock has a lien by deposit of old bonds in trust. (V. 27, p. 303, 382, 461; V. 28, p. 145; V. 29, p. 197, 382, 406.)

Cincinnati, & Springfield —Leased in pernetnity.

Cincinnati & Springfield.—Leased in perpetuity to Clev. Col. C. & I., with guarantee of interest; on half of 1st mortgage bonds interest is guaranteed by Lake Sh. & M. S. (V. 23, p. 232.)

Cincinnati, Wobash & Michigan.—Some bonds held by L. Sh. & Mich. So'n, but no indorsement by that company.

that company. Went into trustees' hands Jan., 1878, and so d Nov. 5, 1879. (V. 26, p. 40, 166, 192, 367; V. 29, p. 242.)
Cleveland, Columbus, Cincinnati & Indianap.

Annual report in V. 28, p. 301. Net carnings 1878, \$70.7,810. against \$438,778 in 18.7. and \$702,917 in 1876. (V. 2h, p. 287; V. 2d. p. 301.)

Cleveland & Mahoning Valey.—Is leased to Atlantic & Creat Western. (V. 20, p. 85, 189; V. 23, p. 232, 403.)

p. 232, 403.) Cleveland, Mount Vernon & Delaware.—Defaulted July, 1874, and coupons due then and one-half of roupons from Jan. 1, 1875, to and including July 1, 1877, were postponed to Jan. 1, 1885, and the remaining half to be paid, but this failed July, 1877, and negotiations are penning. Gross earnings 1878, \$382,698; expenses. \$3'7.727; net. \$64,971. Interest charge, \$126,995. (V. 28, p. 400.)

Cleveland & Pittsburgh .-- Leased to Pennsylvania Railroad at 7 per cent on stock, besides expenses and interest, and transferred to Pennsylvania Co. Net earnings 1873, \$1,168,580, deficit to lessee, \$149,112; in 1877 a deficit of \$207,111. (V. 26, p. 67, 287; V. 28, p. 41, 300.)

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

Colebrook dele.-Leased to Philadelphia & Reading. No dividends paid on stock.

Colorado Central .- Built mainly by Union Pacific. which holds the bonds, \$5,270,593 in all. (V. 26, p. (26; V. 28, p. 269.)

Columbus & Hocking Valley.—Gross earnings, 1878. \$871,553; net, \$391,177. against \$386,834 in 1876. (V. 24. p. 395; V. 25, p. 90; V. 26, p. 390; V. 28, p. 399.)

Co'umbus, Chicago & Indiana Central.—On Jan. 22, 1869, it was leased (amended Feb. 1. 1871,) by the Pittsburgh Cin. & St. Louis, guaranteed by Penn. Railroad. The amended lease guaranteed interest on \$15,821,000 of first and second bonds. Aug., '74, default was made on the \$5,000,000 seconds. April 1, 1875, defaulted on 1st mort. In the suit be tween lessor and lessee Judge Harlan decided the deht must be reduced to the limit-see bondholders' report, V. 29, p. 656. Ind. Cent. 10 per cent bonds paid off January, 1930. In 1873 net earnings were \$111,514, against \$455.240 in 1877. (V. 27, p. 172, 199; V. 28, p. 43.145, 172, 377, 453,563; V. 2), p. 146, 169, 252, 433, 459, 656.)

Columbus & Tole 10. - Gross earnings, in 1878, \$517,871; net, \$222,258. (V. 26, p. 395; V. 28, p.

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

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

Concord & Portsmouth.—Leased to Concord RR.

at \$25,000 per year. Connecticut & Passumpsic.—Annual report to June, 1879, showed net earnings for year \$100,497, against \$222,591 in 1877 8. The new mortage of \$1,500 000 will retire previous issues. (V. 26, p. 367) V 29, p. 299, 301.)

Connecticut Central. Net earnings, 1877-8. \$ 4,190. Connecticut River.—Net income 1878-9 \$225,494; \$219,803 in 1877-8. (V. 23,p. 500; V. 26, p. 94; Y. 27, p. 537; V. 29, p. 510.) Connecticut Valley. In default and lately in pos-

Connecticut Valey. In default and lately in possession of State Treasurer as trustee for bondholders. Net earnings, 1877-8, \$22,598. (V. 25, p. 615) V. 26, p. 18, 40; V. 28, p. 41.)

Connecting.—Leased to Philadelphia & Trenton, and operated by Pennsylvania; terms, 6 per cept and operated by Pennsylvania; terms, 6 per cept and operated by Consolidation Coal Co., which guaranters at mother and the Pennsylvania.—Owned and operated by Consolidation Coal Co., which guaranters and mortgage. Stock \$1,500,000. (V. 22, p. 415.)

Cumbertund Valley.—The stock is owned in large part by Pennsylvania Railroad Co. Net carnings, 1878, \$214,514. Large advances have been made to branch roads. (V. 24, p. 135; V. 26, p. 493; V. branch roads. (V. 24, p. 135; V. 26, p. 493; V

28, p. 427.)

Dakota Southern.—The earnings of the road are reported at \$219,2:4 in 1878, and net earnings \$105,257. Second mortg, bonds for \$600,000 were can-

357. Second mortg, bonds for \$600,000 were cancelled and pref. stock issued. S fund is 4 p. c. m. 1879 and 5 per cent afterwards. (V. 25, p. 609; V. 26, p. 334; V. 28, p. 120; V. 24, p. 27...)

Danbury & Norwalk.—Gross earnings, 1877—78, \$159,565; net earnings, \$48.121. (V. 26.p. 141.)

Dayton & Michigan.—Leased in perpetuity to Cim. Ham. & Dayton, which pays interest on bonds. 272 guarantees dividends on stock, holding itself \$1.398,100 of the common. (V. 29, p. 15)

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

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

DESCRIPTION.	Miles	Doto	0:	Ī	IN'	TEREST	OR DIVIDENDS.	Bonds-Princi-
For explanation of column headings, &c., see notes	Miles of	Date	Size, or Par	Amount	Pata non		Where Payable, and by	pal, When Due
at the head of first page of tables.	Road.	Bonds	Value.	Outstanding	Cent.	Payable	Whom.	Stocks—Last Dividend.
Delaware Railroad-Stock.	85		\$50	\$1,430,216	3	J. & J.	Down Cala Office	Tul- 0 1070
Extension mortgage	. 13	1859		100,000		J. & J.	Dover, Co.'s Office. Phila., Girard Nat. Bank	July 2, 1879 Jan. 1, 1880
Mortgage bonds, convertible, guar. P. W. & B Dlaware & Bound Brook—Stock, guaranteed	. 85	1875	1,000	650,000	. 6	J. & J.	Phil., Fid'lity I.T.&.S.Co	July 1, 1895
Lst mortgage.	27	1875		1,500,000	112	0F.	Pni'adelphia.	Nov. 1, 1879
Daaware, Luckawanna & Western—Stock	.1 195	1070	50	1,500,000 26,200,000	212	F. & A.	Phitadelphia.	August, 1905
2d mortgage (Delaware, Lackawanna & Western)	115	1856	500 &c.	1,633,000	7	Q.—J. M. & S.	New York, Office.	July 20, 1876 March 1, 1881
Consol. mort., on roads & equipm't, (\$10,000,000).	1	1877		3,067,000	7 7	M. & S.	do do	Sept. 1, 1907
Bonds (convertible June 1, 1875 to '77)	60	$\begin{vmatrix} 1872 \\ 1859 \end{vmatrix}$	1,000 100 &c.	600,000	7	J. & D.		June, 1892
do do 2d mortgage	. 25	1858	100 &c.	370,900 209,000	7 7	M. & S. A. & O.		March, 1885
Extrer & Boulder Valley—Mortgage bonds, coun	22	1870	1,000	550,000		M. & N	N.Y., Lond. & Frankft.	April 15, 1880 Nov. 1, 1900
Denver Pacific—1st mortgage, gold, land grant Denver & Rio Grande—1st mort., gold, sink. fd	106	1869	1,000	2,229,000	7 g.	M. & N.	N. Y., Bk. of Commerce.	May 1, 1899
Extension mortgage	291	1870 1879	500 &c.	6,382,500	7 g.	M. & N.	N. Y., U. S. Trust Co.	Nov. 1, 1900
Arkansas valley, 1st mortgage	43	1876	1,000	5,000,000 1,040,000	7 g.	M. & N.	do do	N 1 1000
Denver South Park & Pac.—1st mort., gold, sink, fd	102	1876	1,000	1.200.000	7 8.	M. & N	do do N.Y., London & Frankf't	Nov. 1, 1900 May 1, 1905
Des Moines & Fort Dodge-1st mortgage, coupon	88	1874	1,000	1.200,000	6.	J. & J.	New York.	June 1, 1905
Octroit, Lansing & North.—Stock, common. Preferred stock.			100	1,874,000	••••			
1st mortgage.	182	1877	100 500 &c.	2,504,000 1,975,000	$\frac{3^{1}2}{7}$	1 T	Boston.	Aug. 9, 1879
1st mortgage. Lonia & Lansing, 1st mort., coup., may be reg	59	1869	1,000	770,000	8	J. & J.	Boston, 2d Nat. Bank.	Jan. 1, 1907
do za morigage do do	1 59	1870	1,000	81,000	8	M. & N.		July 1, 1889 May 1, 1880
Del. Gr. Haren & Mil.—1st M., guar., (for \$2,000,000) 2d mortgage, guar., (for \$3,500,000)	191	1878 1878		(?)	6			1908
Sterling (Oak. & Otta. RR.) Oct. 1, 1853, gola	159	1853	100 &c	150,866	5	35 6 37		1903
Dollar (Oak. & Otta, RR.) bonds, Oct. 1, 1853		1853	500 &c	51,000	6 g.	M. & N. M. & N.	New York & London. New York.	Nov. 15, 1873
Lst mort. (Detroit & Pontiac RR.). April 1, 1851.		1851	1,000	150,000	7	A. & O.		Nov. 15, 1873 April 1, 1873
3d mortgage (Detroit & Pontiac RR.), Feb. 1854. 2d mortgage, (Detroit & Pontiac RR.), Jan. 1853.		1854	1,000	250,000	7 8 7	F. & A.	do	Feb. 15, 1885
Dubuque & Dakota—1st mort., gold, guar	40	$ \begin{array}{c} 1853 \\ 1879 \end{array} $	$1,000 \\ 1,000$	100,000	7	J. & J.		Jan. 1, 1878
Duouque & Sioux City—Stock	143	1070	100	400,000 5,000,000	6 g.	J. & J.	New York.	July 1, 1919
18t mortgage, 1st division	100	1863	500	296,000	$\frac{2}{7}$	J. & J.	N.Y.,M.K.Jesup,P.& Co. do do	Oct. 15, 1879 1883
Let mortgage, 2d division (for \$1,400,000)	43	1864	500 &c.	586,000	7	J. & J.	do do	1894
Dubuque Southwestern—1st mort., pref., sink. fd 1st mortgage, Oct. 1, 1863.	55 55	$ \begin{array}{c} 1863 \\ 1863 \end{array} $	500	81,500	7	J. & J.	N.Y., M.K. Jesup, P.& Co.	July, 1883
Junkirk, Allegh. Valley & Pittsburg—1st mort., gold	90	1870	1,000 1,000	450,000 2,000,000	7 :	A. & O.	do do	Oct., 1883
2d mortgage	90	1870	1,000	1.000.000	0 . 1	A. & O.	N.Y., N.Y. Cent. & Hud.	June, 1890
30 mortgage	90	1870	1,000	200,000		A. & O.	do do	Oct. 1, 1890 Oct. 1, 1890
East Broad Top.—1st mortgage, registered East Pennsylvania—Stock.	30 36	1873	1,000	500,000	7	J. & J.	Philadelp'a, Co.'s Office.	July 1. 1903
1st mortgage.	36	1858	50 100 &c.	1,309,200 495,900	3 7	J. & J.	Phila., by P. & R. RR.	July 15, 1879
ist mortgage. Cast Tennessee, Virginia & Georgia—Stock.	270		100	1,968,274		A & O	Phila., P. & R. office. N. Y., R. T. Wilson & Co.	Mar. 1, 1888
ast mortgage sinking fund bonds	1 242 1	1870	1,000	3.123.000	7	J. & J.	N. Y., Gallatin Nat'l B'k	July 1, 1900
East Tenn. & Georgia (\$92,000 are endorsed) East Tennessee and Virginia (endorsed)	$\frac{112}{130}$	50-'56	1,000	862,400	6	J. & J.	N. Y., R. T. Wilson & Co.	1880 to 1886
2d mortgage to U. S. Government.	1	1856	1,000	$147,000 \\ 190,000$	6	M. & N.	do do	May 1, 1886
Sastern (Mass.)—Stock	282		100	4,997,600		J. & J.	Boston.	July 15, 1873
Essex RR.1st mort. (extended for 20 years)	1 1	1856		194,400	6	M. & S.	do	Sept. 15, 1896
Mortgage funding certificates Eel River—Stock	••••	1876	7100	13,394,837	4 ¹ 2g.	M. & S.	Boston and London.	Sept., 1906
Elizabethtown Lex.& Big Sandy—1st mortgage, gold	122	1872	1,000	2,712,500 1,20J,000	$\frac{2}{6}$	• • • • •	Boston.	Oct. 15, 1879
Elmira Jeff. & Canandaigua.—Stock	47		1.00	500,000	5	Sept.	New York. Baltimore, N. Cent. RR.	Mar. 1, 1902
Elmira & Williamsport—Stock, common			50	500,000			Phila., Penn. R. R. Co.	Sept., 1879 Nov., 1879
Preferred stock. 1st mortgage bonds.	75 75	1000	50	500,000	312	J. & J.	do do	July, 1879
Income bonds, 999 years to run		$\frac{1860}{1863}$	1,000	1,000,000	7 5	J. & J.	Phila., Penn. Trust Co.	Jan. 1, 1880
Frie & Pittsburg—Stock. 1st mortgage, convertible into consolid. mort	100	1000	50	1,998,400	134	A. & O. Q.—M.	Phila., Penn. R. R. Co. N. Y., Union Trust Co.	Oct. 1, 2862
Let mortgage, convertible into consolid. mort		1862	100 &c.	291,700	7	J. & J.	do do	Dec. 10, 1879 July 1, 1882
2d mortgage, convertible. Consolidated mortgage free of State tax	8112	1865	100 &c	92,300	7	A. & O.	do do	April 1, 1890
Equipment bonds.	8112	1	1,000	2,193,060 745,000		J. & J.	do do	July 1, 1898
wop'n & N.Am.—1st M., Bang'r to Winn., Bang'r l'n	56	1869	1,000	1,000,000		A. & O. J. & J.	do do Boston.	Oct. 1, 1890
Land grant 1st mort. (2d mort. Bangor to Winn.).	58	1869	-,000	2,000,000	6 g.	M. & S.	New York and Boston.	Jan. 1, 1889 Mar. 1, 1899
Bangor & Piscataquis, Bangor loan, 1st mortg Franse. & Terre Haute.—Stock (\$100,000 is pref.)	49	1869	500 &c.	814,000	6 & 7	A. & C.	Boston, Second N. Bank	April 1, 1899
1st mortgage, Evansv. & Ill., sink. fund.	131	1852	100	1,120,307	242	M. & N.	1	Nov., 1878
1st mort., sinking fund (Evansville to Terre H.)	109	1854	1,000	281,000 611,000	7 7	J. & J. M. & N.	N.Y., Farm. L'an& T.Co.	Jan. 1, 1887
Rockville extension.	23	1860	500 &c.	125,500		F. & A.	do do do	Nov. 1, 1887
Zoanville, Terre Haule & Chic.—1st mort., gold	55	1870	1,000	775,000	7 g.	M. & N.	N.Y.,Farm.L'an & T.Co.	Aug. 1, 1880 May 1, 1900
2d mortgage, gold Filchburg—Stock	$\begin{array}{c c} 55 \\ 189 \end{array}$	1873	1,000	325,000	7 g.	J. & J.	do do	Jan. 1, 1903
Bonds, coupons. (\$4.000.000 authorized)	100	1054	1,000	4,500,000	3	J. & J.	Boston Office.	Jan. 1, 1880
Flint & Pere Marquette—Consol, mort, sinking fund		1 2 7 1		1,000,000		A. & O.	do	April 1,'94&'98
Let most land mout 2d garies		1874 1872	′ 1	3.559.000	× 11	M R NI	N V Morohintal E- Dil	Man 1000
1st mort., land grant, 3d series.	283 190	1872 1868	1,000	3,559,000 2,006,000	8 1	M. & N. M. & S.	N.Y., Merch'nts'Ex.B'k.	May, 1902
Flint & Holly RR. (sink'g fund \$25,000 per year)	283 190 17	1872 1868 1868	1,000 500 &c.	2,006,000 375,500	10	M. & S. M. & N.	N.Y., Merch'nts'Ex.B'k. N.Y., Mechan. Nat. B'k. do do	May, 1902 Sept. 1, 1888
Flint & Holly RR. (sink'g fund \$25,000 per year). Bay City, E. Saginaw, 1st mort., guar by lessees.	283 190 17 13	1872 1868 1868 1867	1,000 500 &c. 500 &c.	2,006,000 375,500 100,000	10 10	M. & S. M. & N. J. & J.	N.Y., Merch'nts'Ex.B'k. N.Y., Mechan. Nat. B'k. do do Newark, N. J., Sav. Ins.	May, 1902 Sept. 1, 1888 May 1, 1888 July 1, 1882
Bay City, E. Saginaw, 1st mort., guar by lessees Bay County, issued in aid, guar. by lessees Construction bonds.	283 190 17 13	1872 1868 1868	1,000 500 &c.	2,006,000 375,500 100,000 75,000	10 10 10	M. & S. M. & N. J. & J. M. & S.	N. Y., Merch'nts' Ex. B'k. N. Y., Mechan. Nat. B'k. do do. Newark, N. J., Sav. Ins. New York.	May, 1902 Sept. 1, 1888 May 1, 1888 July 1, 1882 Sept. 1, 1887
Bay City, E. Saginaw, 1st mort., guar by lessees Bay County, issued in aid, guar, by lessees	283 190 17 13	1872 1868 1868 1867	1,000 500 &c. 500 &c.	2,006,000 375,500 100,000	10 10 10 8	M. & S. M. & N. J. & J. M. & S. J. & J.	N. Y., Merch'nts' Ex. B'k. N. Y., Mechan. Nat. B'k. do do. Newark, N. J., Sav. Ins. New York.	May, 1902 Sept. 1, 1888 May 1, 1888 July 1, 1882 Sept. 1, 1887 Jan. 1, 1876

Delaware.—Leased by Phila. Wil. & Balt, till 1897

Leased by Phila. Wil. & Balt, till 1897

Leased to 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 diste was \$259,155. (V. 26, p. 141; V. 28, p. 19.)

Leased to Phila & Reading for 990 years, lessee paying int. and 6 per cent on stock in 1879-81, 7 per cent in 1831-83, and Reference afterward. Gross earnings 1878. \$270.570:

ent afterward. Gross earnings 1878. \$270.570: met, \$119,021. (V. 26, p. 342; V. 38, p. 451, 503.)

Delaware Lackawanna & Western. —Operations

Consist largely of coal mining and transportation.
For 1878 the income account is given thus:

Net profit in 1878 Loss for year 1877. 908,021

The mortgage authorized for \$10,000,000 is to Take up prior bonds with \$2,82,000, and the balance for cash resources. The Morris & Essex Railroad is leased and some of its bonds guaranteed. (V. 23, p. 144; V. 23, p. 119, 225.)

Denver & Boulder Vulley.—This road is leased to

Lenver & Boulder Valley.—This road is leased to the Denver Pacific.—Land grant. 1,100,000 acres. In 1877-8 gross carnings were \$228,639; net earnings. \$67,546. Receiver appointed. Control purchased thy Jay Gould, August. 1879. (V. 26, p. 342, 408, 414, 549; V. 27, p. 253, 274; V. 23, p. 67, 197, 357.)

Denver & Rio Grande.—Narrow-gauge road. Leased from Dec. 1,78 for 50 years to Atol. Top. & Sant Electric Atol.

from Dec. 1,'78, for 50 years to Atch. Top. & Santa Fe, at 43 per cent of gross earnings first year and thence decr asing; afterwards put in hands of a receiver. V. 28. p. 120. 173, 427, 502, 611; V. 27, p. 47, 66, 301,

28. p. 120. 173, 427, 502, 611; v. 27, p. 47, 66, 301, 329, 382, 407, 451, 562, 583.)

Denver So. Park & Pac.—Denv. City to Leadville, and San Juan, 268m, when finished. Bonds issued at \$12,90 per mile. Stock is \$3,500,000. (V.29, p. 511.)

Des Moines & Fort Dodge.—This is part of the Des Moines Valley, reorganized after foreclosure.

There are also \$1,2 17,000 income bonds. Coupons Af Jan., 1877, were funded.

Detroit Lansing & North.—The old road was sold in foreclosure December 14, 1876, and new company organized by bondholders, who issued \$1,874,600 common stock and \$2,504,000 pref. stock. Gross earnings 1878, \$970,033; net eatnings, \$372,195, against \$282,946 in 1877. Dividend of \$6 per share paid on preferred stock February, 1879. (V. 26, p. 288; V. 28, p. 326.)

Detroit Grand Haven & Milwaukee.—This company is the paragraph of the Darreit & Milwaukee.

is the reorganization of the Derroit & Milwankee. sold in foreclosure September, 1878. Net earnings Jan. 1 to Nov. 10, 1878, \$233,204. The Detroit & Pontiac and O. & O. interest is to be paid, and the bonds may be changed into new first mortgage. All other bonds changeable for new 2d mortgage. 26, p. 117. 232, **2 12**. 367, 331, 419, 574, 599; V. 27, p. 15, 40, 67, 172, 251, 356; V. 28, p. 12.)

Dubuque & Dakota—The bonds are guaranteed

by Dubuque & Sioux City RR. They may be paid off any time at 105.

Dubuque & Sioux City.-Leased to Illinois Central, in 1867, for 20 years, at 35 per cent of gross earnings first ten years, and 36 afterwards. In 1816 gross earnings were \$97d,279; in 1877, \$921,412; in 1878, \$92 , 170.

Dubique Southwestern-Farley to Cedar Rapids, Ia.

Leased May 16, 1878, to Chicago Milwaukee & St. Paul. (V. 26, p. 264, 459.)

Dunkirk Allegh. Valley & Pittsburg. —A consolidation, Dec. 1, 1872. Road leased and bonds mostly held by N.Y. Central & Hudson, which pays interest as roatel. Not desir on operations 1974, 4645. as rental. Net deficit on operations 1878, \$645. East Bread Top. - Mainly a coul road.

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

East Tennessee Virginia & Georgia.—Leases Memphis & Charleston Railroad for its own account and risk, paying over net earnings. Gross earnings year ending June 30, 1879 were \$98,291; expenses, \$620,102; and net earnings, \$368,138. (V. 27, p. 686; V. 29, p. 382.)

Rastern (Mass.)—Company embarrassed 1875.

A general mortgage was made to fund the old issues of deut, bearing 31/2 per cent till Sept., 1879, then 4/2

per cent till Sept., 188?, and 6 for balance of term. In 1878-79 net income was \$991,785. The Eastern in N. H., a separate corporation, is leased. (V. 27, p. 15, 251, 353, 382, 537, 626; V. 29, p. 537, 629.)

Eet hive .-- This is the Det. Eel R. & Ili. re-organized. Net earnings 1878, \$67,842. In August, 1879, leased to Webash at 3 per cent for five years and

leased to Wabash at 3 per cent for five years and 4½ thereafter. (V. 28, p. 276; V. 29, p. 226.) Eiizabethtown Lex. & Big Sandy - This road is to be a western connection of the Chesapeake & Ohio.

33½ miles are completed. See V. 29, p. t6.

Elmira Jeff. & Canandaigua.—Leased to Northern
Central Railway Company.

Elmira & Williamsport.—Leased in 1863 to North.
Cent. for 999 years. Rent amounts to \$165,000 per

year. Bonds du: 1880 to be extended at 6 per cent. (V. 28, p. 253.)

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. 28, p. 377.)

Europ an & North American.—Defaulted in 1875.
Sterling mort. on N. Brunswick Div. for ec'osed Aug., 1878. (V. 26, p. 18, 142, 418; V. 27, p. 148, 251, 628; V. 29, p. 3877.)

V. 29, p. 357.) Evansville & Terre Havte.—This was the Evansville & Crawfordsville. Net earnings 1873-9, \$180,-554, against \$176,748 in 1877-8. (V. 25, p. 456; V. 27, p. 538; V. 29, p. 459, 489.)

**Transville, Terre Haute & Chicago.—Gross earnings 1877, \$187, 20, pp. 457, pp. 45

hvansoule, Terre Hume & Unicago.—Gross earnings, 1877-8, \$213,523; net, \$56,596.

Filchburg.—Leases Vt.& Mass. Net income, 1878-9
above rentals, \$371,202. (V. 27, p. 567; V. 28, p. 17
526; V. 29. p. 41, 67 537.)

Flint & Pere Marquette.—Stock is \$3,398,200.

Receiver appointed, June, 1879. Gross earnings in Receiver appointed, June, 1878. Gross earnings in 1878, \$1,081,147; n.t earning, \$433,770. The lands are in five trusts; sales in 18 8, 9,421 acres, for \$135,805; total net sales to Jan. 1, 1878, 275,722 acres, for \$2,277,436; lands then unsoid, 235,779 acres. Coupors on consol. bonds passed Nov., 1875, and part were funded. (V. 25, p. 417.548; V. 25, p. 69, 146, 223, 525, 599; V. 23, p. 17, 22, 621.)

DESCRIPTION.	Miles	Date	Size, or				OR DIVIDENDS.	Bonds-Prine
namicantian of column headings &c. see notes	of	of Bonds	Par Value.	Amount Outstanding		Payable	Where Payable, and by Whom.	Stocks—Last Dividend.
orida Central-1st mortgage, gold, coupon	59	1877	\$1,000	\$309,000	7 g.	J. & J.	N.Y., Farm. L. & Tr. Co. N.Y., Chatham Nat. Bk.	Jan. 1, 190 May 1, 188
ushing North Shore & Cent.—1st mort. (Fl. & N. D.)	58	1869	500 &c. 1,000	800,000 400,000		M. & N.	do do	
2d mortgage (Fl. & N. S.)	::	$1870 \\ 1872$	500 &c.	1,000,000	7	M. & S.	do do	Mar. 1, 190
Central of L. I., 1st mortgage		1873	500 &c.	200,000	7 7	M. & N.	do do	May 1, 190 July 1, 190
do do Extension 1st mortgage nda Johnstown & Gloversville—1st mortgage	10	1870	100 &c.	300,000	7	J. & J.	N. Y., St. Nich. Nat. B'k.	
rt Wayne Jackson & Saginaw—1st mort., coup	100	1869	1,000	1,500,000	8		N. Y., Farm's. L.& T. Co.	Oct., 1891
2d mort, and equipment bonds, collool	100	1871	1:000	500,000	8 7 g.	A. & O. A. & O.	do do Boston, Office.	Oct., 1889
rt Wayne Muncie & Cincinnali-1st mort., gold	109	1869	1,000	1,800,000 500,000	8 8.	A. & O.	do	April, 1896
ld moonteen an	109 26	1871 1871	1,000	500,000	7	A. & O.	Boston.	April 1, 189
amingham & Lowell—1st mortgage bonds	26	1879	1,000	200,000	7	J. & J.	New York.	Jan. 1, 190
ankfort & Kokomo-1st mortgage, golu	215	1873	1,000	4,300,000	6 g.	F. & A.	Bost. & London.	Feb. 1, 193 June 1, 189
liveston Harrisb. & S. Antonio—1st mort, gold, l. gr.	215	1878		1,000,000	7	J. & D.	do	
ed mortgage	50	1872	1,000	1,493,000		J. & J.	N. Y., F. P. James & Co.	July 1, 189
neva Ilhaca & Sayre—1st mort., s. f., gold	35	1870	100 &c.	600,000		J. & J.	N. Y., Metrop. Nat. B'k.	
orgia Railroad & Banking Co.—Stock	232		100	4,200,000	3 7		Augusta, Ga., RR. Bank.	yearly to 189
Bonds, not mortgage		1055	500	483,000 1,000,000	6	J. & J. J. & J.	do do	July 1, 189
do do	332	1877	1,000	2,800,000	J			
and Rapids & Indiana-Stock	332	1869	1,000	4,000,000	7 g.	J. & J.	N. Y., Winslow, L. & Co.	1899
st mort: land grant, gold (guar, by Pa. KK)	332	1869	1,000	3,205,000	7 g.	A. & O.	do do	1000
st mort., gold, (\$2,195,000 are land grant)	332	1875	1,000	795,000	7	M. & S.	do do	1906:
ncome mortgage bonds, for \$10,000,000	1.390		£25	£3,486,787				
New stock for £10,000,000		1873	£100	7,500,000			••••••	
abenture stock for £8,000,000 (act of 1874)		1875		2,582,000				
anadian debentures				3,111,500	6.~	1 8 0	London, at Co.'s Office.	April, 187
Amadian debentures Equipment mort., 1st on all rolling stock				500,000	6 g.	J. & J.	do do	Jan., 1920
do 2d do do				3,218,149	5 g.	J. & J.	do do	Irredeemab
st pref. bonds, conv. into 1st pref. stock				2,327,808	5 g	J. & J.	do do	Irredeemab
d do do 2d do	• • • •			7,166,910	4 g.	J. & J.	do do	Irredeemab
3d do conv	330	1879		500,000	6		do do	1900 April, 187
Chic. & Gr. Trunk RR., 1st mort. (for £1,240,000)	49534		£2012		5-16	A. & O.	London & Montreal.	April, 187
eat Western (Canada)—Common stock Preferred 5 per cent, convertible into common	350		£100	505,753	212	A. & Q.	do do	
Debentures		'58-'79		2,125,830	5		London Joint Stock B'k.	Dec., 189
New honds courses	145	1871-2	£100	1,000,000	6	J. & D.	do do	Oct., 1880-
Short bonds exchanged for bonds due 76, '77, '78.		1877		500,000	,7		do do	
ren Rau & Minnesota-1st mortgage	:		φ	\$1,413,071	7		Columbia, Co.'s Office.	1881 to 188
eenville & Columbia - 1st mort. guar by State	143	• • • • •	\$ Various	632,237			do do	
Bonds not guaranteed	143	1876	Various	002,201				
New mortgage (for \$2,500,000)	296	10.0	100	9,168,700				Aug., 187
innibal & St. Joseph—Common stock		1	100	5,083,024	7		N N Dib No America	1884-188
Missouri State loan		1853-7	1,000	3,000,000		J. & J.	N. Y., B'k. No. America	Mar., 188
Ronds 1870, convertible		1870		4,000,000		M. & S.	N. Y., Farm. L. & T. Co.	
Sonds secured by $\$2.500.000$ l'd $10tes$	- 1.12	1878	1,000	531,000		J. & J. F. & A.	N. Y., B'k. No. America	Jan., 189
st mortgage (Quincy & Palmyra RR)	15	1007	}	500,000 1,200,000		J. & J.	do do	Jan., 188
lat mortgage (Kansas City & Cam. KK.)	53 54	1867	50	1,182,550		J. & J.		July 1, 18
errisb., Portsm'th, Mt. Joy & Lanc.—Stock	54	1853		700,000		J. & J.		July 1, 18
st mortgage	120	1833	100	820,000				Jan. 15, 11
nusatonic—StockPreferred stock	120		100	1,180,000	2	QJ.	Bridgeport & Boston.	1885
et mortgage	74			100,000			Bridgeport and Boston	1889
st mortgage d mort, bonds of 1869		1869	• • • • •	300,000			do do	1883
Compression to the contract of		1873	7.000	150,600		M. & N.	New York.	1898
nust Fast d: West Texas.—1st mortgage, gold	50	1878	1,000	125,000 6,896,000	7 g.). & T	N. Y., Nat'l. City Bank	July 1, 18
uston & Texas Cent.—18t M., (main) gold, 1.gr.,8.1.	345	1866 1870	1,000	2,375,000		J. & J.	do do	July 1, 10
st mort. 1 gr. West div. (Hempstead to Austin)	$\begin{array}{c} 119 \\ 58 \end{array}$	1873	1,000	940,000	7 g.	TAT	l do do	July 1, 19
st M. gold Waco & N'west (Bremond to Ross)	464	1872	1,000	3,292,000	8	A. & O.	N. Y., J. J. Cisco & Son	Oct. 1, 19
Consol. mort., land grant, Main and Western Div.	58	1875	1,000	580,000	. 8	M. & N.		May 1, 19 May, 188
ncome and indemnity bds, 3d M. on road & lands.		1877	1,000	2,500,000	7	M. & N.		Oct. 1, 18
intingdon & Broad Top—1st mort., gold	58	1854	500	416,000	7 g.	A. & O.		Feb. 1, 18
2d mortgage, gold	58	1857	500	367,500		F. & A. A. & O.	do do	April 1. 18
Rd mortgage .consolidated	58	1865	1,000	1,500,000		M. & S.	N. Y., Co.'s Office.	Sept. 1, 18'
ingis Central—Stock	707	1004	100 500 &c			A. & O.	N. Y., Co.'s Office.	April 1, 189
Redemption, 1st and 2d series		1864 1875	£200	2,500,000	6 0	A & O	London.	April 1, 18
dortgage bonds, sterlingterling bonds, (sinking fund £20,000 yearly)		1874	£200	4,393,000		A. & O.	London, Morton R.& Co	April 1, 19
sterling bonds, (sinking fund £20,000 yearly)		1875	£200	1,000,000	5 g.	1. & D.	do do	Dec. 1, 196 Jan. 1, 188
Mortgage, sterling Bonds, coup. (\$2,000,000) M. on Ch. & Sp. RR	112	1877	1,000	1,600.000	6	J. & J.	N. Y., Co.'s Omce.	Jan. 1, 19
diana, Bloomington & West.—1st mort., pref		1879	100 &c			J. & J.	New York.	April 1, 19
1st mortgage, coup., may be reg	202	1879	500 &c			A. & O.	do	April 1, 19
and the state of t		1879	100 &c			1. & J	New York.	April 1. 19
Income bonds, reg., convertible		1879	500 &c	1,500,000	1 3 10 0	11. 00.0	Danle	April, 188
Income bonds, reg., convertible	202					11. 6.0	N. Y., Amer. Ex. Bank	. April, Loo
2d mortgage	90		500 &c 1,000	1,600,000	7	1. & O F. & A	N. Y., Amer. Ex. Bank do do	Feb., 189 June, 189

Florida Central.-From Jacksonville to Lake City. Bonds authorized, \$59 1.000. Gross earnings 1877-8, \$156,408. (V. 18, 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 \$93,006 Whitestone & Westchester 7s. Company embarrassed, since Sept., 1877. Central of L. I ist mort, foreclosed and road sold Aug., 1879. (V. 27, p. 677; V. 29 p. 17, 19, 407.)

Fonda, Johnstown & Gloversville.—Net earnings 1970-7, \$45,066.

1970-7, \$45,066.

Fort Wayre, Jackson & Saginaw—Was sold in foreclosure Dec. 3, 1879. In 1878 gross earnings were \$428,167; in 1877, \$254,321. (V 26, p. 264; V. 27, p. 351; V. 24, p. 199, 300 V. 29, p. 201, 631.;

Fort Wayne, Muncie & Cincinnati.—Received a popointed November, 1874. (V. 23, p. 396.)

Framingham & Lowell.—Leased to Boston, Clinton & Fitchburg; has also \$250,000 8 per cent notes due in 182-3. (V. 26, p. 166.)

Frankfort & Kokom?.—Capital stock, \$600,000.

Dividend of 14 per cent paid October, 1879.

Galvesten, Harrisburg & San Antonio.—Stock is \$6,449,99°. Gross earnings, 1878, \$1.325,845; expenses, \$522,831; net earnings, \$792,014. The company has 16 sections of land per mile. (V. 26, p. 366.)

p. 366.)
Galveston, Houston & Henderson.—Net earnings 1878, \$184,595. (V. 28. p. 146. 172.)
Geneva, Ithaca & Sayre.—Sold Sept. 2, 1876, and re-organized, this mo t. being the old I. & A. mort. (See V. 23, p. 256, 304. 451; V. 24, p. 110.)
Georgin Railroad & Banking Company —The annual report for the last fiscal year, ending April 1. 1879, was published in V. 28, p. 501. A comparative statement for three years was as follows: statement for three years was as follows:

1876-7. 1877-8.
Tot. gr. earng's... \$1,143,129 \$1,013,712
Operat'g expenses. 643,110 727,703
Net earnings.... 500,017 286,012 1878-9. \$997,718 614,32 338,392 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. 90; V. 26, p. 468;

V. 28, p. 501.)
Grand Rapids & Indiana.—Gross earnings 1872, \$1,200,629; net, \$21,458. 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

income bonds issued to Contine tal 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, 548, 625; V. 29, p. 146, 299.)

Grand Trunk (Canada).—The above figures represent pounds stering. Net earnings in half year ending June 30, 1879, £193.446. Interest, rentals, &c., £210, 488. (V. 26, p. 265, 443; V. 27, p. 45, 148.382, 408, 460; V. 28, p. 453, 474, 553; V. 29, p. 40, 146, 252, 301, 510, 511, 537, 631.)

Great Western (Canada).—The above figures are given in pounds sterling. For the half year ending July 31, 1879, the gross receipts were £385,771; working expenses, £275.896; net earnings. £84.875. (V. 27, p. 94, 283, 513; V. 28, p. 474; V. 29, p. 146, 252, 229, 377, 458.)

Greenville & Columbia.—This company defaulted but compromised with its bondholders. Net earn-

Greenville & Columbia.—This company defaulted but compromised with its bondholders. Net earnings 1877, \$180.614; in 1818, \$181,659. (V. 26, p. 547; V. 27, p. 227; V. 25, p. 553.)

Hannibal & St. Joseph.—Gross earnings in 1818, \$2,015,450; net, \$780,355; interest charge. \$660,000. The company has about \$2,500,000 in land notes, and about \$0,000 acres yet unsold. The bonds recured on land notes have a sinking fund of \$25,000 per quarter. (V. 27, p. 279, 487, 603; V. 29, p. 199, 220, 641; V. 29, p. 95, 332, 489.)

Harrisourg Portsm. Mr. 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.

earnings in 1877-8 were \$570,413: net, \$219,941.

Houston East & West Texas.—In progress, Hous

ton to Shreveport, 215 miles. Narrow gauge; bonds

\$7,000 per mile. Houston & Texas Central.-Capital stock is \$7,722.

900. Gross earnings for year ending April 30. 1871

. 24, p. 369.)

(V. 24, p. 369.)

Minois Central.—The general mortg. of 1874 provides for all bonds outstanding. It is limited to \$15,000,000. The Company controls the Chic \$2. Louis & N. O. road, owning 62,792 shares of ixestock \$1,087,000 of first mort, bonds, and \$4,953,600 of the 2d mort, income bonds. In July, 1877, took the Chicago & Spring, under lease, at d issued the bonds secured on that road In 1878, net income from all sources was \$3,147,387, leaving a surplus off \$665,582 over annual charges and dividends. Following is a comparison for four years: lowing is a comparison for four years:
Gross Net

Interest, Gross &c. \$6:1,182 Earnings. Earnings. Year. \$3,015,229 2,546,**5**61 2,144,776 1878.....\$7,111,181 582,190 616,792 1877. 6,639,845 7,040,969 1876 2.670,081

29, p. 301.)

Indiana, Bloomington & West.—Sold in foreclorane
October 31, 1878. Of preferred bonds \$500, 00 have been issued to pay expenses of foreclosure and prior lies, and \$500,000 more may be issued if needed. The 1st mortgage bonds pay 3 per cent. 1879-81. 4 in 1881-83, 5 in 1881-85, and 6 afterward. Stock is \$2,500,100; +tock scrip, \$80,000. Nez earnings of main line in 877-8, \$302,804. (V. 28, p. 18, 146, 221, 224, 276, 802, 352, 401, 526; V. 29, p. 18, 180, 200, 352, 401, 526; V. 29, p.

277, 312, 327, 511.)

Intianapotis, Cincinnati & Lafarette.—The common stock is \$5,587,150 and preferred stock \$1,419,—400. The company default d July, 1876, and Mr. In galls, President, was appointed receiver. To sold and re-organized. Gross earnings 1878-9, \$1,-342,701; net earnings, \$507,'21. (V. 26, p. 265).

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

DESCRIPTION.	1	T_	1	1	1 TN		OD DIVIDENT	
For explanation of column headings, &c., see notes	Miles of	Date	Size or	Amount	D-4.		OR DIVIDENDS.	Bonds—Principal, When Due.
at the head of first page of tables.		Bonds	Value.	Outstanding	Rate per Cent.	When Pay'ole	The state of the s	Stocks-Last
Indianapolis Cincinnati & Laf.—(Continued)—		1		-		- 45 1016	Wkom.	Dividend.
Funded interest bonds, compon		1873	\$150&c	\$146,300	7	MEG	N V American	
Equipment bonds, registered.		1873	500&c	353.000	10	M. & S.	N. Y., Amer. Ex. Bank.	Sept. '78,'80,'83
Cin. & Ind., 1st mortgage. do 2d M., guar. (\$1,000,000 due '77 ext. to '92)	$\frac{20}{20}$	1862 1867	1,000	-00,000	7	J. & D.	do do	Sept. 1, 1883 Dec., 1892
Lieu with pour Dec. & Spr.—1st M. old (for \$1.800.000)	1 150	1876	1,000	1,497,000	7 7 g.	J. & J.	do do	Ton 100 107 100
2d mort., (income bonds only till July, 1881)		1876	1,000	2,667,000	7	1.1. 02 .1.	New York, Co.'s Office.	Jan. 1, 1906 July 1, 1906
20 mortgage	71	1869 1870	1,000	2,000,000	7	Various	N. Y., Union Trust Co.	July 1, 1919
		1871	1,000	1,000,000	7 8	A. & O. J. & J.	do do	Oct. 1. 1900
Indianapolis & Vincennes-1st mortgage, guar2d mortgage, guaranteed.	117		500 &c	1.700.000	. 7	F. & A.	N. Y., Farm, L. & T. Co.	July 1, 1881 1908
Licernational & Great Northern—Consol stock	510		1,000	1,450,000	6	M. & N.	do do	1900
luternational. 1st mortgage, gold	201	1871	1,000	5,500,000 3,264,000	7 g.	A & O	N. Y., National City B'k	
Houston & Great Northern, 1st mortgage, gold International 2d mortgage.	201	1872	1,000	4,084,000	7 g.	J. & J.	do do	April 1, 1911 Jan. 1, 1900
mouston & GL Northern 2d mortgage	055	1874 1874	1,000	2,052,000 2,907,000	8	F. & A.	do do	Feb., 1904
Funded coupon bonds. Forca Falls & Sioux City—Stock.		1876-8		2,787,020		F. & A.	do do	Feb. 1, 1904
ASUMORIEMER. ADELL 1 763	184	1869	100 500 &c.	4.625.000	1	QM.	Boston.	Dec. 1, 1879
Acksonv., Pens. & Mob.—Florida State hands gold	250	1870	300 &c.	2,960,000 4,000,000	7 8	A. & O. J. & J.	N. Y., Nat. Park Bank.	April 1, 1899
Tefferson (Pa.)—1st & 2d morts. (Hawley Branch). 1st mortgage (Susquehanna to Carbondale).	9	1867	1,000	300, 00	7	J. & J. J. & J.	New York	1900 1887 & 1889
Cyersonville, Madison & Indiananolis-Stock	$\begin{array}{c} 38 \\ 226 \end{array}$	1869°	1,000	2,000, 00	7	J. & J.	N. Y., by Erie Railroad	Tan 1 1990
glidialiapolis & Madison, 1st mortgage	96	1862	500 &c.	2,000,000 397,000	1 4	Q.—F. M. & N.	N. Y., Farm. L. & T. Co.	Nov., 1879
Jeff. Mad. & Ind., 1st M. (s. f. \$15,000 per year). do do 2d mortgage.		1866	1,000	2,395,000	7	A. & O.	do do do do	May 1, 1881 Oct. 1, 1906
WEINER CHILL & Albany—1st mort ifor \$5 000 000	159	$1870 \\ 1878$	1,000 1,000	2,000,000	7	J. & J.	do do	July 1, 1910
** Occet & Northern Indiana-1st mort growthy M. C.	44	1877	1,000	800,000	7	T & T	New York.	1908
Zunction, Philadelphia—1st mortgage.	4^{1}_{2}		1,000	455,000	6	J. & J.	N. Y., Farm. L. & T. Co. Philadelphia Office.	July 10, 1907 July 1, 1882
hansas City. Fort Scott & Gulf-1st m 1 cm s ?	161	1879	1,000	300,000	6	A & O.	do do	April 1, 1900
maious City Laurence & N. W.—1st mortgage	145	1879	1,000	4,000,000 5,500,600	4 to 6	J. & J. J. & J.	Boston, Co.'s office.	
Lansas City, St. Joseph & Council Bluffs—Stock 1st mortgage, Council Bluffs & St Joseph	$\begin{array}{c} 274 \\ 52 \end{array}$	1000	100	32,789,413			Boston, Office.	1909
Kansas City, St. Jo. & C. Bl., mortgage. do do income bonds, reg.	274	$\frac{1866}{1877}$	1,000 100 &c.	500,000 4,495,522	7	J. & J.	Boston, at Office.	Jan. 1, 1880
Kansas Pacific—Stock. income bonds, reg		1877	100	2,488,174		J. & J. A. & O.	do do do	Jan. 1, 1907
Consol. mort., gold, (for \$30,000,000) coup or reg	750	1070	50	9,689,950				Jan. 1, 1907
BSU HIOTE, gold, coun on 140 miles west No. Der	140	$\frac{1879}{1865}$	1,000 $1,000$	2,240,000	6 g.	M. & N.	N. Y., Bk of Commerce.	May 1, 1919
Lst mort., gold, 140th to 393d mile. 2d mort (to U. S. Gov.) on 394m. west Mo. River.	253	1866	1,000	4,063,000	6 g.	F. & A. J. & D.	do do	Aug. 1, 1895
200 M., 394111 to 539111 mile. Pa or 3 000 000 ac'el	394 245	$1865-7 \\ 1869$	1.000	6,303,000	6	Payable	12 by transportation.	June 1, 1896 1895 to '97
ast mort, coup., (Leavenworth Branch)	34	1866	1,000 $1,000$	6,380,000	7 5. 1	M. & N.	N. Y., Lond, & Frankf't.	May 1, 1899
Income bonds, coupon, 3d mortgage on 427 miles. Ist land b'ds, ep, or reg., gold, on 2,000,000 acres	427	1866	50 &c.	4,275,350	7. 1	M. & S.	N. Y., Bk of Commerce.	Jan 1, 1896 July 1, 1916
		1870 1871	250 &c.	1,578,000	7 g.	J. & J.	N. Y., Lond. & Frankf't.	July 1, 1910 July 1, 1880
Consol, funding mortgage.		1876	1,000	1,500,000 1,500,000	/ g.	M. & S. A. & O.	New York.	Sept., 1886
June. C. & Fort K., 1st mort., gold, land gr., guar Kentucky Central—2d mortgage.	3312	1873	1,000	600,000		A. & O.	do New York.	Oct., 1879 April 1, 1903
3d mortgage. Keokuk & Des Mones-1st M., int. guar. C. R. I. & P.	99	$\frac{1853}{1855}$	1,000	844,000	7	M. & S.	N. Y., Bank of America.	March, 1883
Knox & Lincoln – 1st mortgage.	162	1878	100&c.	$237,000 \\ 2,750,000$	7 5	J. & D.	N. Y.,Farm. L. & T. Co.	June, 1885
LARRE LIVE OF WESTERN—STORY	49 365	'69-'72	••••	2.395.000	Ğ	Various	Bath, First Nat. Bank.	Oct. 1, 1923 1880–1902
1st mortgage, gold. Aucome bonds (not cumulative). Lafavette Bloom, & Mangio Lafavette	165	1879	1,000	7,000,000 1,815,000				
Lafayette Bloom. & Muncie, 1st mort., gold.	200	1879	1,000	1,485,000	7 8.	August.	N. Y., Metropolitan Bk.	Aug. 15, 1919 Aug. 15, 1899
40 (10 Income M (non-cumulativa)	200	1879 1879	1,000	2,500,000	6 g.	M. & N.	do do	May 1, 1919
Zane Saore & Michigan Southern -Stock	1181	107.5	1,000	1,000,000 49,466,500	7	Yearly.	do do	May 1, 1899
Guaranteed 10 per cent stock. Consol. 1st mort., (sink. fund, 1 per cent) coupon.	864		100	533,500	5	F. & A.	N.Y., Grand Cent. Office.	Feb. 2, 1880 Aug. 1, 1879
do do registeradi	864	1870 1870	1,000	8,159,000	5 7	J. & J.)	July 1, 1900
20 High gage, do. (for \$25,000,000) coun and reg	864	1873	1,000	9,350,000	7 7	Q.—J. J. & D.	# 7. th	July 1, 1900
Income bonds, coupon or registered. 1st mortgage, sinking fund, M. S. & N. I.	451	1872	1,000	3,150,000		A. & O.	l sign	Dec. 1, 1903
mortgage (C., P. & A. RR.) registered bonds	95	1855 1859	1,000	5,255,000	7	M. & N.	ass as a subject of the subject of t	Oct. 1, 1882 May 1, 1885 Jan. 1, 1880
3d mortgage do Lake shore dividend bonds, April, 1869.	95	1867	1,000	894,000 920,000	7	J. & J.! A. & O.	F Self	Jan. 1, 1880
and moregage (C. & Tol. RR.) sinking fund	258 162	1869	500 &c.	1,356,000	7 1	A. & O.	<u>E</u>	Oct. 1, 1892 April 1, 1899
2d mortgage do		1855 1866	1,000	1,595,000		J. & J.	tra ste st	July 1, 1885
Buffalo & Erie, mortgage bondsdo do do	88	1862	1,000	200,000		A. & O. J. & J.	en e	April 1, 1886
do do		1866	1,000	300,000	7 1	M. & S.	201E	July 1, 1882 Sept. 1, 1886
JCL MORIOE & TOL. 1st mort coun man	62	$1868 \mid 1876 \mid$	500 &c. 1,000	2,834,000 924,000	7	A. & O.	sar End End ion	April 1, 1898
Kalamazoo & White Pigeon, 1st mortgage. Schoolcraft & Three River. 1st mortgage.	57	1869		400,000		F. & A. J. & J.	in i	Aug. 1, 1906
Maisimazoo & Schoolcraft, 1st mortgage	$\frac{12}{13}$	1867 1867		100,000	8 J	I. & J.	y t G	Jan. 1, 1890 July 1, 1887
Maiamazoo, Allegan & Gr. Rapids, 1st mortgage	== 1	1868		100,000 840,000		. & J.	S "	July 1, 1887
do do stock, 6 per ct. guar.				610,000		. & J. . & O.		July 1, 1888 Oct. 1, 1879
195- U 97 p 179 209 254 200 TI 50 200 100		1		. 1	(-		· · · · · · · · · · · · · · · · · · ·	OOU. 1, 1079

635; V. 27, p. 172, 303, 354, 383; V. 28, p. 30?, 401, 526; V. 29, p. 18, 95, 277, 302, 405, 432, 459, 538, 563.)

Indianapolis, Decatur & Springfield—This embraces the former Indiana & Illinois Central; 50 railes more are now under construction. The 2d mortgage is issued to holders of old I. & I. C. firsts, and till July, 1881, interest is payable out of net carnings only if sufficient. Stock is \$500,000. Gross earnings, 878, \$110,347; net, \$28,965. (V. 27, p. 251; V. 28, p. 277, 624.)

Indianapolis & St. Louis.—Of the 1st m rtgare from 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. Besongs to Penn system, and leases the St. Louis A. T. H. In 1877-8, net earnings were \$313.903; payment, \$5 8.690. (V. 26, p. 95, 614. 654; V. 27, p. 41, 409, 454, 603; V. 2, p. 377; V. 29, p. 95.)

Indianapolis & Vincennes.—Is leased to Penn. Co., through stock ownership, and interest is guaranteed by Penn. Railroad. Net earnings 18:8, \$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, mad plan of re-organization made, as per Chronaud Oct. 14, 1879, pursuant thereto. Not earnings, 1878, \$571.9°2. Land grant about 5,600,600 acres. 4V. 27, p. 95, 331; V. 28, p. 351, 428; V. 29, p. 41, 121, 357, 59.)

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

Jacksonville, Pensacola & Mobile.—This road is mortg; ged for a like amount of Florida State bonds, and is held by the State. (V. 23. p. 63. 256, 576; V. 24. p. 40, 204; V. 25, p. 212; V. 28, p. 576, 594.)

Jefferson.—Leased to the Eric 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 fore-closure and re-organized, 1878. (V. 28, 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 \$1,061.739; paid-up stock, \$250,00. Net earnings 1878, \$57,463. Dividends 14 per cent.

Kaneas City, Fort Scott & Gulf.—The Mo. River Fort Scott & Gulf was sold in foreclocure 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 Railrad. The bonds carry 4 per cent t ll 1882; 5 n 1882-3 and 6 after. (V. 28, p. 42, 351, 401, t23)

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 ner earnings \$448,059. (V. 26, p. 390; V. 28, p. 350, 599.)

Kansas Pac.—Scrip for coupons funded is about \$2,500,000. In 1878 gross earnings were \$3,410,224, and net earnings \$1,593,662, against \$1,367,777 in 1877. The land grant is in two trusts, 2,000,000 acres in the first, from the 1st to the 380th mile, and 3,000,000 acres in the second, from 350th mile west-

ward. (V. 27, p. 16, 41, 95, 96, 121, 126, 200, 228, 251, 253, 274, 275, 280, 357, 383, 435, 539, 677; V. 28, p. 18, 69, 121, 199, 277, 453, 477, 503, 578, 599, 624; V. 29, p. 67, 95, **196**, 407, 424, 657.)

Kentucky Central.—This was formerly Covington & Lexington. The company purchased the Maysville & 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 \$4,500,000. Gross earnings 1878-9, \$553,389; net, \$208,750. (V. 24, p. 495; V. 26, p. 573.)

Keokuk & Des Moines.—The stock 18 \$1,524,600 8 p. c. pref. and \$2,600,400 com non—a m jority held by lessee. Leased to Chic. Rk. I. & Pacific for 45 years from Oct. 1, 1878, on basis of 25 per cent of gross earnings with a guarantee of in erest on the bonds. Gross earnings, 1878-9, \$565,556; 1877-8, \$532,541. (V. 28, p. 470, 523, 546; V. 27, p. 357, 628.)

Knox & Lincoln.—In 1877 net earnings were \$48.943; in 1878, \$56,957. Interest is paid on bonds by cities and towns. Annual report for 18:6, V. 22, p. 304.

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. 323, 407, 538, 631.)

Lake Shore & Michigan Southern.—The report for 1875 (V. 28, p. 472), showed surplus income, over interest, rentals, &c., \$2,774,373. For 1879 net profits above int. and rentals were \$3,557,000. The following shows a summary for the years named:

						,			
	DESCRIPTION.	75.7	1	١~٠	(IN	TEREST	OR DIVIDENDS.	Bonds-Princi
		Miles			Amount				pal, When Due.
	For explanation of column headings, &c., see notes	of	of	Par	Outstanding	Rate per			Stocks-Last
	at the head of first page of tables.	Road	. Bond	s. Value.	o accounting	Cent.	Payabl	e Whom.	Dividend.
	Take Change Michigan would am (Continue)		-	-		0			
	Lake Shore & Michigan 'outhern—(Continued)—		1000	01 000	0110 000	-			TT - 4 - T - 3 - 10 =
	Jamestown & Franklin, 1st mortgage	51				7	J. & J	See preceding page.	Var. to July, '97
	do do 2d mortgage	51	1869		500,000	7	J. & D		June 1, 1894
	Lawrence-Stock.	22	100	50	450,000	212	QJ.	Pittsburg Office.	Oct., 1879
	1st mortgage. Leavenworth Atch. & N. W.—1st mort., guar.	17	1865		337,000	7	F. & A	. N. Y., Winslow, L. & Co.	Aug., 1895
	Leavenworth Atch. & N. W.—1st mort., guar	21	1870		500,000	7	A. & O	N. Y., B'k of Commerce.	Oct. 1, 1889
	Lehigh & Lackawanna-1st mortgage	15	1867		300,000	7	F. & A		Feb., 1897
r	Lehigh Valley-Stock, common and pref	301	1000	50	27,228,855	1	QJ.	Philadelphia, Office.	Jan. 15, 1880
	1st mortgage, coupon and registered.	101	1868		5,000,000	6	11. & D	Reg. atoffice, cp. B'k N.A	June, 1898
	2d mortgage, registered. Consol. mort., gold, \$ & £ (s. fd. 1 p.c. v'ly) cp.& reg.	101	1870		6,000,000	7	M. & S	Philadelphia, Office.	Sept., 1910
	Consol. mort., gold, & & £ (8. id. 1 p.c. y'ly) cp. & reg.	232	1873	1,000	13,508,000	6 g.	J. & D	do do	1898 & 1923
	Easton & Amboy, 1st mortgage (for \$10.000.000)		1877	1.000	Held by L.V.	6	:	71 11 11 11 11 11 11 11 11 11 11 11 11 1	
	Delano Land Company bonds, endorsed	196	1872	1,000	1.697,000	7	J. & J.		Jan., 1892
	Little Miami—Stock, common	196	1050	50	4,636,000	* 2	Q - M	Cincinnati.	Sept. 10, 1879
	1st mortgage. Street connection bds (jointly with Cin.& Ind.RR.)	81	1853	1,000	1,491,000	6	M. & N.	N Y., Bank of America.	May, 1883
	Tittle Pools & Ford Swith New stools	105	1864	1,000	525,000	6.	Various	Cincinnati.	1894
	Little Rock & Fort Smith—New stock	165	1000	1.000	5,000,000		T		
	1st M., ld gr't (750,000 acs) s.fund (for \$3,000,000)	123	1875		2,650,000	7	J. & J.	Boston.	Jar. 1, 1905
	Little Schuylkill—Stock. Ist mortgage, sinking fund, extended 1877	31	1000	50	2,646,100	312	J. & J.	Philadelphia Office.	July, 1879
	Towa Island Stock	31	1877	500 &c.	492,000	7	A. & O.	do	Oct., 1882
	Dong Island—Stock	199	1000	50	3,300,000	•••	E	Company's Office.	1873
	1st mortgage, extension 1st mortgage, Glencove Br.	• • • • •	1860	500	175,000	7	M. & A.	N.Y., St. Nicholas N.Bk.	1890
	1st mortgage, main	95	1864	500	150,000	6	M. & N.	do do	1884
	1st mortgage, main	158	$1868 \\ 1879$	500	1,121,500	-	M. & N.	do do	July, 1898
	2d mort, for floating debt. Newtown & Flushing, guar.	158	1879	500	106 500	7	M 0- 17	N V St Nicholas Tr	Mor. 1000
	New York & Rockaway, guar.	10	1871	500	$106,500 \\ 250,000$	7	A GO	N.Y., St. Nicholas N.Bk.	May, 1903
	Smithtown & Port Lefforson	19	1871	500	600,000	7	A. & O.	Drexel, Morgan & Co.	April, 1901
	Smithtown & Port Jefferson. Louisv. Cin. & Lex.—Louisv. l'n(to Louisv. & Frankf.)	65	1851	1,000	600,000	6	J. & J.	N. Y., Bank of America.	Sept., 1901 Jan., 1881
	Louisville Cincinnati & Lexington, 1st mort	175	1867	1,000	3,000,000	7	J. & J.		Jan., 1897
	New mortgage, coupon, for \$1,000,000.	175	1877	100 &c.	275,300	7	A. & O.	do do	1907
	Louisville & Nashville-Stock.	966	1077	100	9,052,950	2^{1}_{2}	E & A	L & N. Y., Far. L. & Tr.	July, 1879
	Louisville loan, main stem (no mortgage)			100	850,000	6	A & O	N. Y., Bank of America.	1886 & 1887
	Lebanon branch, Louisville loan.		1856	1,000	225,000	6	Various	do do	1886
	Lebanon branch, 1st mortgage.		1863	1,000	88,000	7	M. & N.		Nov., 1880-'85
	do extension, Louisville loan		1863	1,000	333,000	6	A. & O.	L. & N. Y., D., M. & Co.	Oct. 15, 1893
	Cecilian Branch, 1st mortgage	46	1877	1,000	1,000,000	7	M. & S.	New York.	Mar. 1, 1907
	Consolidated 1st mortgage for \$8,000,000	392	1868	1,000	7,070,000	7	A. & O.	L. & N. Y., D., M. & Co.	April, 1898
	2d mortgage bonds gold coun	392	1873	1,000	2,000,000	7 g.	M. & N.	New York.	Nov. 1, 1832
	Memphis & Ohio, 1st mort, sterling, guar	130	1871	£200	3,500,000	7 8. 1	J. & D.	London, Baring Bros.	Dec., 1901
	Memphis & Ohio, 1st mort., sterling, guar Memphis & Clarksville br 1st mort., sterling	83	1872	£200	2,270,770	6 g.	F. & A.	de do	Aug., 1902
	Louisville New Albany & Chicago-Stock	284		100	3,000,000	, B.		40	
1	Lykens Valley-Stock	20		100	600,000	2i ₂	QF.	Philadelphia.	(%)
2	Lacon & Augusta-1st mortgage	77	1867	1.000	400,000	7	J. & J.	N.Y.,M.K. Jesup, P.&Co.	1887
	2d mort., endorsed by Georgia Railroad	77	1869	1,000	370,000	7	J. & J.	do do	1879
1	Madison & Portage—1st mort., gold	39	1870	1,000	600,000	7 0	A & O	New York	Oct., 1890
1	Jahoning Coal.—1st mortgage, coupon	43	1872	1.000	1,480,000	7	J. & J.	N. York, Union Trust Co.	Jan., 1902
1	fanchester & Lawrence-Stock	26		100	1,000,000	5	M. & N.	Manchester and Bosten.	Nov. 1, 1879
2	laine Central—Stock	355		100	3,620,120		1		
	1st mortgage, consolidated	355	1872	100 &c.	3,903,300	7	A. & O.	Bost., Nat. B'k Com'rce.	April 1, 1912
	Bonds (\$1,100,000 loan) A. &. K. RR.		1860-1		1,100,000		F. & A.	Bost., N. Bk. Commerce	1890 to 1891
. "	Extension bonds, 1870, gold	19	1870		496,500	6 g.	A. & O.	do do	Oct., 1900
	Maine Central loan for \$1,100,000 Leeds & Farmington Railroad loan		1868		756,800	7	J. & J.	do do	July, 1898
	Leeds & Farmington Railroad loan	38	1871		633,000	6	J. & J.	Portland.	July, 1901
	Androscoggin Railroad, Bath City loan		1861		425,000		J. & J.	Bost., Nat. B'k Com'rce	July, 1891
	Portland & Kennebec, 1st mort., extended	72	1863	100	217,300		A. & O.	Portland, Me.	April 1, 1883
	do do consolidated mortgage		1865	100	1,166,700			Bost., Nat. B'k Com'rce.	Oct. 1, 1895
	Belfast & Moosehead, 1st mortgage	33	1870	500 &c	150,000	6 g.	M. & N.	Belfast and Boston.	May 15, 1890
Λ.	[anhattan Elevated—Stock	44		100	13,000,000				
	Bonds, convertible into stock.	••••	1000	• • • • •	(%)			Donate Springer	
96	Iansfield & Framingham—1st mortgage	22	1869		300,000	7	J. & J.	Boston, Bost. Nat. Bank.	July 1, 18 9
. 1	larietta & Cincinnali—1st mortgage, dollar	188	1861		2,450,000	7	F. & A.	Balt., R. Garret & Sons.	Aug. 1, 1891
	1st mortgage, sterling.	188	1861		1,050,000	7 g. 1	F. & A.	London.	Aug. 1, 1891
	2d mortgage	,	1866		2,500,000	7	M. & N.	Balt., R. Garret & Sons.	May 1, 1896
	3d mortgage.	****	1870		3,000,000		ſ. & J.	do do	July 1, 1890
	4th mortgage. Scioto & Hocking Valley RR., 1st mortgage		1873		4,000,000	8	A. & O.	do do	April, 1908
	Beloto & Hocking Valley RR., 1st mortgage		1866	100	300,000		M. & N.		May 1, 1896
	Balt. Short Line, stock, 8 p. c. guar by M. & C		1000	100	1,125,000		[. & J.	do do	Jan., 1879
	do do 1st mort., guar. by M. & C	30	1869	1,000	750,000		[. & D.]		Dec. 1, 1904
	Cincinnati & Baltimore RR., stock	5^{1}_{2}			1,243,400	4	I. & N.		May 1, 1879
L	do do 1st mortgage	50	1970	1 000	750,000		. & J.		Jan. 1, 1900
AL	Now mortgage	50 109	1872	1,000	1,760,000		. & D.	N. Y., Company's office.	June 1, 1892
14	New mortgageemphis & Charleston—stock.	292	1878	1,000	2,482,000		1. & 8.	New York, City Bank. 1	Mar. 1, 1908
· did	1st mortgage, Ala. & Miss. Div., convertible		1854	25	$\begin{bmatrix} 5,312,725 \\ 1,264,000 \end{bmatrix}$	7 1	A R NT N	Y. Y., R. T. Wilson & Co.	Mov 1 1990
(4)	2d mortgage.		1867		$1,264,000 \mid 1,000,000 \mid$	7 N	. & J.		May 1, 1880
	Consol. M., g. (\$1,400,000 1st M. on 91 m. in Tenn.)		1877	1.000	1,951,000		. & J.	do do do	Jan. 1, 1885 Jan. 1, 1916
11	emphis & Little Rk.—1st M. (paid \$50,000 yearly)		1877	1,000	250,000	10 S. N	I. & NIN	V.Y., H.Talmadge &Co. Y	early_'79_'83
	General mort., land grant, (s. f. \$10,000 after '82)			250 &c.	2,600,000		anu'ry	do do	July, 1907
	The state of the s	-50			_,000,000	- 10		40	July, 1001
						1			

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 3,446,616 Gross income\$7,049,646 \$7,100,218 \$5,186,021 Operating expenses.. 3,842,750 3,162,822 2,455,926

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. C upons due July, 1879, and Jan., 1880, are funded into 7 per cent notes. Land grant about 1.000,000 acres. Land notes ou standing, \$385,201. Net receipts, 1877, \$114,126; in 873, \$116, 57. (V. 28, p. 401; V. 9, p. 17.)

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

Long Island.—Gross earnings, year ending Sept. 80, 1878, \$1,497,914; net earnings, \$437,835. This company leased the Flushing North Shore & Central, and the Southern of Long Island, and afterward went into Receiver's hands October, 1877. (V. 28, p. 17, 224, 453; V. 29, p. 197.)

Louisville, Cincinnati & Lexington. — Sold in foreclosure Oct. 1, '77, for \$731,099, 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 carnings were \$4,514,398, and net \$1,917,135; interest charge, \$1,065,499. Nashville & Decatur is leased, and liabilities for the S. & N. Ala. are assumed. Purchased Evansv. Hend. & Nashv, May, 1879. (V. 27, p. 68, 354, 462, 536; V. 23, p. 424, 477, 179, 600; V. 29, p. 41, 170, 353, 381, 405, 538, 607, 657.)

Louisville New Al'any & 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, 1977-8, \$99,787; expenses, \$104,607. To be foreclosed. (V. 26. p. 468; V. 27, p. 252; V. 28, p. 579.)

Madison & P. Prtage.—Stock \$394,300. Controlled by Chic. Mil. & St. Paul. Gross earnings, 1878, \$29,746. (V. 26, p. 459.)

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

Manchester & Lawrence.—Formerly operated with the Concord RR. as one line. Net earnings 1878-9, \$100,411, against \$100,458 in 1377-8. (V. 25, p. 39; V. 27, p. 66; Ve 3, p. 598.)

Manhattan Elevated—This company leases the two elevated roads and guarantees to per cent dividends on the r stocks. (V. 28, p. 153, 579, 649; V. 29, p. 2.4, 407, 459, 511.)

Maine Central.—The total earnings for the year 1873 were \$1,440,561; operating expenses. \$'4",704; net. earnings, \$599.956, against \$650,698 in 18.77. (V. 26, p. 341; V. 23, p. 325.)

Mansfield & Framingham.—Leased to Boston, Cinton & 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—3 were \$1,545,753; net earnings, \$265,480. Default was made in 1877 and a receiver was appointed in suit to foreclose the 4th mortgage, which is nearly all held by Bult. & O. R. R. Co. For coupons overdue on each mortgage see V. 28. p. 41. (V. 25, p. 308, 335, 519; V. 26, p. 256, 342, 495; V. 28. p. 401, 452; V. 29, p. 170, 608.)

Marquette, Houghton & Ontonagon.—The stock is \$2,806,600 common, and \$2,259,028 preferred. Gross earnings, 1878, \$566,452; net, \$189.181. Lands amount to 425,000 acres, chiefly timber and mineral. (V. 28, p. 222)

Memphis & Charleston—This road was leased in June, 1877, to the E Tenn. Va. & Ga. RR. Co., and lease modified Den., 1877, with a guaranty of interest on bonds for three years. Of the new consol, mortgage \$1,400 0.00 is secured by old Tenn. State hen for \$1,735,906, assigned to a trustee, and enough is reserved to take up 1st and 2d mortgages. Net earnings year ending June 30, 1879, \$231,038, against \$307.030 in 1877-8. (V 26, p. 115; V. 28, p. 221; V.29, p. 18, 382,638,631.)

Menphis & Little Rock.—Sold April 28, 1877, and reorganized. Stock, \$1.500,0.0. Gross earnings, 1878, \$443.764; net, \$116,417. The land grant is about 1,100,0.00 acres. the general mortgage pays & per cent after 1882. (V. 29, p. 657.)

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

DESCRIPTION STORY	- ~ 7 6	1	- HEG - WE 17-LE	(
DESCRIPTION.	Miles		Size, or	Amount			OR DIVIDENDS.	Bonds-Princi pal, When due
For explanation of column headings, &c., see notes at the head of first 1 age of tables.	Road.	of Bonds		Outstanding	Rate per Cent.	When Payable	Where Payable, and by Whom.	Slocks—Last Dividend.
Metropolitan Elevated (N. Y. City)—Stock	612	1070	\$	\$6,500,000	212	Q		
Michigan Central—stock 1st mortgage, convertible, sinking fund	800	1878	1,000	8,500,000 18,738,204	6 g.	J. & J.	N.Y., Central Trust Co. Grand Central, Office.	July, 1908
1st mortgage, convertible, sinking fund	284		1,000	1,501,000	8	A. & O.	N. Y., Union Trust Co.	Feb. 2, 1880 Oct. 1, 1882
1st mortgage, convertible Consolidated mortgage (for \$10,000,000)	284 284	1872	1,000	556,000 8,000,000	8 7	A. & U.	do do	Oct. 1, 1882
Michigan Air Line mortgage	103	1869	1,000	1,900,000	8	M. & N. J. & J.	do do do	May 1, 1902 Jan. 1, 1890
Michigan Air Line 1st mort., assumed by M. C Equipment bonds.	10	1074	1,000	200,000	. 8	M. & N.	do do	1890
M. C. bonds, mort, on Grand River Valley RR.	82	1874 1879	1,000	556,000 500,000	8	A. & O.	do do	April 1, 1883
Kalamazoo & South Haven, 1st mort., guar	39	1870	1,000	640,000	8	M. & N.	do do	1909 Nov. 1, 1890
do do 2d mort., guar Grand River Valley, 1st mort., guar. 5	39	1870 1866	1,000 1,000	70,000	8	M. & N.	do do	Nov. 1. 1890
do do stock, guar. Detroit & Bay City 1st mortgage, endorsed		1000	100	1,000,000 491,200	8 21 ₂	J. & J. J. & J.	do do do do	July 1, 1886 July, 1879
do do mortgage (not guar M.C.)	118	1872		424,000	8	M. & N.	do do	May 1, 1902-3
Jackson, Lansing & Saginaw 1st mort coup.	118	1872 1865	1,000	1,906,000 1,094,000	8	M. & N. J. & J.	do do	1902
do 1st mort. (N. of Win.), conv. may		1870	1,000	613,000	8	M. & N.	do do do do	July 1, 1885 May 1, 1890
do Cons. m. on whole line (300m.) be r'g Milwaukee & Northern—1st mortgage.	$\begin{vmatrix} 236 \\ 126 \end{vmatrix}$	1871 1870	1,000 50 &c	1,943,000	8	M. & S.	do do	Sept. 1, 1891
Muwaukee. Lake Shore & Western—1st m. gold	127	1875	1,000	2,134,000 750,000	8	J. & D.	N.Y., Merch. Exc. N.Bk. N. Y., S. S. Sands & Co.	Dec., 1901
Mine Hill & Schuylkill Haven—stock	140		50	3,969,600	312	J. & J.	Philadelphia, P.& R.Co.	June 1, 1895 July 17, 1879
Minneapolis & St. L.—1st M., Min. to Sioux C. Junc. 1st mortgage, Sioux City Junc. to Iowa line	27 93	1877 1877	1,000 500 &c.	455,000 1,100,000	7 g.	J. & J.	N.Y., Continental N.Bk.	Jan. 1, 1907
1st mortg., Minneapolis to White B. Lake, guar	15	1877	1,000	280,000	7 g. 7 g.	J. & D. M. & N.	do do do do	Feb. 1, 1927 Jan. 1, 1907
Hississippi & Tennessee—1st mortgage, series "A". 1st mortgage, series "B," (a second lien)	100	1877	1,000	1,000,000	8	A. & O.	N. Y., Imp. & Trad. Bk.	April 1, 1902
Missouri, Kansas & Texas—stock	100 786	1877	1,000	1,100,000 21,405,000	8	J. & J.	do do	July 1, 1902
18tm., gold, sink. fund, on road and land (U.P.S.Br)	182	1868	1,000	2,433,000	6 g.	J. & J.	N. Y., Union Trust Co.	Jan., 1899
1st mortgage, gold (Tebo. & Neosho)	100	1870	1,000	349,000	7 g.	3. & D.	do do	June, 1903
2d mortgage, income, (for \$10,000,000)	786 786	1871-3 1876	1,000 500 &c.	14,752,000 6,068,600	7 g.	Various A. & O.		1904-1906
Booneville Bridge bonds, gold, guar	70	1873	1,000	1,000,000	7 g.	M. & N.	do do do do	April 19, 1911 May 1, 1906
Hannibal & Central Missouri, 1st mortgage Missouri Pacific—Stock	70 299	1870	1,000	800,000	7 g.	M. & N.	do do	May, 1890
1st mortgage, gold. 2d mortgage (sinking fund \$50,000 per annum)	283	1868	1.000	800,000 7,000,000	6 g.	F. & A.	N. Y., Company's Office.	Aug., 1888
2d mortgage (sinking fund \$50,000 per annum)	283	1871	1,000	2,600,000	7	J. & J.	do do	July, 1891
Real estate (depot) bonds. Debt to St. Louis County (no bonds).		1872	500 &c.	800,000 700,000	8	M. & N. mont'ly		July, 1891 May 1, 1892
ou mortgage	299	1876	1,000	4,500,000	7	M. & N.	St. Louis. N. Y., Company's Office.	Feb., 1885
Carondelet Branch, 1st mortgage. Mobile & Girard—2d mort., end. by Cent. Ga. RR	15^{1}_{2} 85	1873 1869	1,000	250,000	og.	A. & U.	New York.	Oct. 1, 1893
3d mortg. bonds issued to Central R. R. Ga	99	1877	1,000	300,000 800,000	8	J. & J.	N. Y., Nat. City Bank.	Jan., 1889
Mobile & Montg.—Stock, (Authorized \$3,022,517.). Mobile & Ohió—Stock	186	••••	100	2.794.800	2^{1} 2		N. Y., Drexel, M. & Co.	Aug. 12, 1879
Tennessee substitution, 1st mortgage, sterling	505	1871	1,000	5,320,600 1,668.000			to a	
New mortgage, gold.		1879	1,000	7,000,000	6 g.	J. & J. J. & D.	New York and London. Mobile and New York.	1901 Dec. 1, 1927
1st pref. inc. and s. f. debentures, not cumulative 2d do do do do		1879		5,500,000	7	Yearly.		1, 1027
2d do do do do 3d		1879 1879		2,000,000 600,000	7	Yearly.		
4th do do do		1879		900,000	7	Yearly.		
Montcuair & G. Lake.—1st mort. (\$700,000). 2d mort. (issued for old firsts).		1875	100 &c.	700,000	7	F. & A.	New York, Co.'s Office.	
Monticello & Port Jervis—1st mortgage	23	1870	100 &c. 1,000	1,800,000 500,000	7 7 g.	M. & S.	do do N. Y., Union Trust Co.	1890
Lorris & Essex—stock	137		50	15,000,000	3^{1}_{2}	J. & J.	N. Y., Del., Lack & W.	Jan. 1, 1880
1st mortgage, sinking fund. 2d mortgage.	84 84	$\begin{array}{c} 1864 \\ 1866 \end{array}$	250 500 &c.	5,000,000 3,000,000	7	M & N.	do do	May 1, 1914
Convertible bonds		vari'us		284,000	7	F. & A. J. & J.		Aug. 1, 1891 Jan. 1, 1900
Construction bonds. Gen. m. & 1st on Boonton Br. &c. (guar. D.L.&W.)	34	1871	1,000	573,000	7	F. & A.	do do	Aug. 1, 1889
Consol. mort. (for \$25,000,000) guar. D. L. & W.	137	$1871 \\ 1875$	1,000 1,000	4,991,000 5,050,000	7	A. & O. J. & D.	do do	Oct., 1901
Special real estate mortgage				1,025,000	7		do do	June 1, 1915
Nashville, Chattanooya & St. Louis—stock	345	1871	25	6,575,295	112	A. & O.	New York & Nashville.	Oct. 4, 1879
Bonds engorsed by Tenn		1871		1,000,000 940,000	6	J. & J.	N. Y., V. K. Stevenson.	1881 and '91
New 1st mort. (for \$6,800,000) coup	340	1873	1,000	4,860,000	7	J. & J.	N. Y., Metrop. Nat. Bk.	July 1, 1913
Bonds of N. C.& St. L., 1st mort. on two branches do do 1st mort. on Tenn. & Pac	75 30	1877 1877	1,000	320,000 300,000	6	J. & J. J. & J.	do do	Jan. 1, 1917
do do for Jasper Branch	710	1077	1,000	90,000	6	J. O. J.	do do	Jan. 1, 1917
Vashville & Decatur—Stock, guar'd 6 p. c. by L. & N. 1st mort. guar. s. f.	122			1,512,000	3	J. & D.	4	June, 1879
za mortgage	$\begin{array}{c} 122 \\ 122 \end{array}$	1870 1867	1,000 500	1,817,000 206,000	7 6 g.	J. & J.	N. Y., Drexel, M. & Co. Nashville, Co.'s Office.	July 1, 1900
vashua & Lowell—Stock	5.1		100	800,000	3	M. & N.	Boston & Nashua.	Oct., 1887 Nov. 1, 1879
Bonds for freight depot (gold)		1873		200,000	6 g.	F. & A.	Boston.	Aug. 1, 1893
Webraska—Consol. mort., guar	133	1877	1,000	2,000,000 1,836,000	5 7	J. & J.		July 15, 1879
Nesauenoning Valley—Stock	1610		50	1,300,000		A. & O. M. & S.	Boston. Philadelphia, Co.'s office	Oct. 1, 1896 Sept. 1, 1879
Newark, Somerset & Straitsv., O.—1st mortgage	44	1869	500 &c.	800,000	7 g.	M. & N.	N. Y., Union Trust Co.	Nov. 1. 1889
New Castle & Beaver Valley—Stock	15 13	68&70	500 &c.	605,000 525,000	(?)	Q.—J.	Newcastle, Penn. N. Haven, E.S. Scranton	Oct. 1879
Metropolitum (N V City) This is the closetal			tet.	,,2,,,000		Autons	N. Haven, E.S. Scrapton	1898 to 1900

656.)

Michigan Central.—In 1879 net profits over interest, &c., \$1,101,100. For the year 18,8 gross earnings were \$6,872,094 or main line and branches; net income over interest, &c. \$2,564,855. The Jackson, Lansing & Sag. debt is assumed by Mich. Cent., which also pays \$70,000 per year on the stock, one-third of which it owns; the proceeds of J. L. & S. lands go to pay bonds. (V. 26, p. 542.) Interest was passed on the Detroit & Bay City bonds, not guaranteed, Nov., 1875. D. & B. C. net earnings in 1878 were \$24,995. (V. 26, p. 417, 574, 653; V. 27, p. 645; V. 28, p. 473, 59); V. 29, p. 330, 511, 657.)

Milwaukee & Northern .- Two coupons were paid in stock, but cash payment was resumed in July, 1876. It is leased to Wisconsin Central. (V. 28,

p. 453.)

**Miwaukee, Lake Shore & Western.—Sold in foreclosure for \$2,509,788, Dec. 10, 1875, and purchased
by bondholders, who made this new first mortgage for \$750,000. Gross earning 1877-8, \$245,025; net. \$49,745. (V. 25, p. 308; V. 27, p. 252, 357; V. 29, p. 225.)

Mine Hill & Schunkill Haven.—Leased to Phila-delphia & Reading, May 1864, for 999 years; 7 per cent dividends on stock.

Minneapolis & St. Louis.—This road was completed in 1877. The bends of the \$1 100,000 mortage, numbered from 1.101 to 1.400 for \$500 each. (\$150,000 in all) are guaranteed by the Burl. C. R. & Northern Railroad. The bonds on the 15 miles were issued by the Minneapolis & Duluth RR.

Mississippi & Tennessee.—Gross earnings 1877-9 \$378,780; net, \$176,984, against \$212,768 in 1876-7. The debt is consolidated as above. Floating debt Sept. 30. 1878, \$106,730. an increase of \$31.532. (V. 25, p. 154, 617; V. 26, p. 39; V. 25 p. 95.)

on the consol. mort. are unpaid since Aug., 1878. Land grant is about 4,565,142 acres. Lease to Chic. Burl. & Quincy is talked of. (V. 27, p. 426, 514, 603, 653; V. 28, p. 145, 173, 298; V. 29, p. 119, 170, 278, 302, 358, 658)

Missouri Pac fic.—Gross earnings in 1877, \$3,984. 442; operating expenses, \$2,321,355; net \$1,660,006. Reorganized after the sale of the road under 3d mortgage, Sept. 6, 1876, for \$3,000,000. Default was made on Carondelet Branch bonds, October 1, 1877, and compromise bonds at 50 per cent were offered January, 1878. In Nov., 1879, a controlling interest in the stock was sold to Mr. Jay Gould for \$3,800,001. (V. 26, p. 41; V. 27, p. 68; V. 23, p. 18; V. 29, p. 293, 433, 538.)

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

Mobile & Montromery.—Sold in foreclosure, November, 1874, and stock issued to old hondholders. Old mortgage debt yet out. \$275,000. Gross ea-n'gs, 1875, \$680,163; net. \$258,290. In December, 1879, a majority of stock was sold to parties c ntrolling Louisville & Nas..v. (V. 26, p. 418; V. 28, p. 327; V. 29, p. 668)

Mobile & Ohio. - Securities as above are to be issued under adjustment. Capit I stock is \$10,000 -000, of which \$5.3:0,600 is is ucd. The debentures are all secured by a deed of trust of the lands, about 1,150, 00 acres. Gross earnings year ending August 1, 1879, \$1.830.62); n 1, over all expenses, \$379,468. (V. 27, p. 33°, 457; V. 29, p. 41, 120

Montclair & Greenwood Lake.-Re-organization of old Montclair road sold in foreclosure. Road sold

again Oct. 12, 1878. (V. 27, p. 16, 68, 95, 172, 192, 228, 252, 303, 357, 383, 43, 462, 529, 629, 652.)

Monticello & Port Jervis.—Defaulted in 1873. Sold July 7, 1875. (V. 20, p. 359, 383; V. 21, p. 39, 592.) Morris & Essex.—Leased in perpetuity to the Delaware, Lackawanna & Western. The lessees

assum all liabilities and pay 7 per cent on stock. Net earning of the road in 1877-7c, \$782,328. (V. 26, p.191; V. 28, p. 451.) Nash., Chatt. & St. L.-Gross earnings of 1878 9, \$1.36,723; expenses, \$1,021,588; not earnings, \$715.-135. Interest on bonded debt was \$464,630. The

debt to United States and bonds endorsed by Tennessee are secured by deposit of 1st mcrtgage bonds. (V 25. p. 523; V. 27 p. 146, 275; V. 28, p. 554; V. 29, p. 221, 407, 511, 631, 658.) Nashville & Decatur. Leased May 4, 1971, to Louisville & Nashville Co. for thirty years, lease guaranteeing interest on bonds, and 6 Tex cent

Nashua & Lowell.—Net receirts in 1877-8,396.759.

Notes out are \$225,000. (V. 24, p. 561; V. 26, p. 624; V. 29, p. 459.)

Naugatuck.—Net earnings 1877-8. \$(97.1/0; 1878-9, \$(00,228. (V. 25, p. 616; V. 27, p. 566.)

Nebraska.—Formerly Mid'and Pacific. bonds were to be exchanged for these guar. by the Bur. & Mo. in Neb., to which the Nebraska road is leased. See V. 25, p. 335, 641.

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

Newark Somerset & Straitsv.—Leased to Sandusky Mansfield & Newark. Guaranteed by Balt. & Ohio. New Castle & Beaver Villey.-Leased to Pittsburgh, Fort Wayne & Chicago, and lease transferred to Penn, Company. In 1873 paid 24 per cent dividends.

New Haven & Derby—Gross earnings 1877-8, \$102,113; net. \$41,640. New Haven city guarantees the \$225,000 2d mort, bonds.

great favor by giving immediate notice of any error discovered in these Tables.

Subscribers will confer a great favo	r by g	giving	Immed	liate notice				
DESCRIPTION.	Miles	Date	Size, or	Amount			OR DIVIDENDS.	Bonds—Princi pal, When Due.
For explanation of column headings, &c., see notes at the head of first page of tables.	of Road.	of	Par	Outstanding	Rate per Cent.	When Payable	Where Payable, and by Whom.	Stocks-Last Dividend.
New Haven & Northamp. (canal RR.)—Stock	100	1869	\$100	\$2,460,000 1,296,000	3 7	J. & J.	New Haven.	Oct., 1873 Jan., 1899
Mortgage bonds, couponBonds convertible, tax free, coupon			1,000 1,000	885,000	6	A. & O.	do	April '80 & '8
Holyoke & W.,leased, 1st M. (\$60,000 6s, '98 guar.) N. J. Midland—1st mort., g'ld, guar. by N. Y. & O	10 80	1870 1870	1,000 100 &c.	3,000,000		A. & O. F. & A.		April 1,'91 &'9
2d mortgage, currency		1871	100 &c.	1,500,000	7	F. & A.	do do New York and London.	1881
New Jersey & New York—1st mort. (for \$1,500,000) N. J. Southern—1st mortgage	37 78	1873 1869	1,000	916,000 2,120,000	7 g.	M. & N.	In default.	Nov. 1. 1889
New London Northern-Stock	100	1865	100 &c.	1,500,000 300,000	$\frac{1}{6}^{14}$	Q.—J. A. & O.	New London, Office. N. Y., B'k of N. America	July 1, 1879 Sept., 1885
1st mortgage bonds	100	1872	500 &c.	387,500	7	J. & D.	do do	July, 1892 Jan. 1, 1915
N. O. & Mobile.—1st mortgage N. Y. City & Northern—1st mortgage		1871 1878	1,000 500 &c.	4,000,000 1,800,000	7	M. & N.	New York, Co.'s Office. New York.	May. 1908 May 1, 1904
N. Y. & Canada—1st M., sterling, guar. D.& H. Can. New York Central & Hudson River—Stock	1112		£100&c 100	4,000,000 89,428,300	6 g.	M. & N.	London, Baring Bros. N.Y., Gr. Central Depot.	May 1, 1904 Jan. 15, 1880
Premium bonds(N. Y. Central)	1,000	1853	500 &c.	6,632,900	6	M. & N.	do do	May 1, 1883
Bonds, B. & N. F. stockholders do do do		1854 1853	500 &c. 1,000	74,500 592,000	6	M. & N. M. & N.	do do	May 1, 1883 May 1, 1883
Bonds real estate do		1854	1,000	162,000 2,391,000	6	M. & N. J. & D.		May 1, 1883 Dec. 15, 1887
2d mortgage, sinking fund (Hudson River)	2772			1,794,000	7	J. & D.	do do	June, 1885
New mortgage $\begin{cases} $30,000,000 \\ £2,000,000 \end{cases}$ coupon or registered.	840 840	1873 1873	1,000	18,465,000 9,733,333	6 g.	J. & J. J & J.	do do London.	Jan. 1, 1903 Jan. 1, 1903
N. Y. City Elevated.—Stock		1876	1,000	6,500,000 8,500,000	213	QJ. J. & J.	N.Y., Treasurer's Office. New York.	Jan. 2, 1880 Jan. 1, 1906
1st mortgage, \$ or \$	15 132	1876	50	7,500,000	4	J. & J.	N.Y., Gr. Central Depot.	Jan. 2, 1880
Preferred stock	132	1872	1.000	1,550,000 10,500,000	4	J. & J. M. & N.	do do	Jan. 2, 1880 May, 1900
Sinking fund. N. Y. Lake Erie & West.—Stock, common		1861	500 &c.	107,704 77,107,700	7	J. & J.	do do	Jan. 1, 1881
Preferred stock			100 100	8,146,700				
1st mortgage (extended in 1867 to 1897) 2d mortgage, convertible (extended in 1879)		1847 1879	1,000 1,000	2,482,000 2,174,000	7 5	M. & N. M. & S.	N. Y., Co.'s office.	May 1, 1897 Sept. 1, 1919
3d mortgage		1853	1,000	4.852.000		M. & S.	do do do do	Mar. 1, 1883 Oct. 1, 1880
4th mortgage, convertible		1857	1,000 500 &c.	2,937,000 709,500	7777	A. & O. J. & D.	do do	June 1, 1888
Buffalo Branch Bonds		1861 1863	1,000 &c.	$182,600 \\ 3,000,000$	7	J. & J. J. & D.	do do	July 1, 1891 Jan., 1893
Long Dock Co. mortgage. 1st consolidated mortgage, gold. do do funded coupon bands.	459	1870	1,000	16,656,000	7 2.	M. & S.	New York and London.	Sept. 1, 1920 Sept. 1, 1920
do do funded coupon bands. N. Y. L. E. & W., new mort., gold, 1st lie		1878	500 &c. 1,000	3,688,001	6 g.	M. & S. M. & N.	do do do do	Dec. 1, 1908
do do do 2d consol	`	1878 1878	500 &c. 500 &c.	24,400,000 8,597,400	bg.	J. & D. J. & D.	do do do do	Dec. 1, 1969 Dec. 1, 1969
do do do do fund.coup. do income bonds (non-cumulative).		1878	300 &c.	508,008	6 g.	J. & D.	do do	June 1, 1977
N. Y. & Manhattan Beach-1st mortgage				500,000 300,000	••••	• • • •		
N. Y. & New England (Bost., Hartf. & Erie)—Stock.	139	1876	1,000	6,136,000 4,708,000	7	J. & J.	Boston.	Jan., 1905
1st mortgage, new (for \$10,000,000) New York, New Haven & Harlford—Stock	139 141		100	15,500,000	4		N.Y., Grand Cen. Depot.	July 1, 1879
Harlem & Portchester, 1st mortgage guaranteed. N. Y. & Oswego Midland—1st mortgage, gold	$\frac{12^{1}4}{334}$	1873 1869	100 &c.	2,000,000 8,000,000	6 & 7 7 g.	J. & J.	In default.	1903 July 1, 1894
Y Y., Prov. & Boston—(Stonington)—Stock	62	1860	1,000	3,000,000	6	Q.—J. M. & N.	N. Y., M. Morgan's Sons.	Nov. 10, 1879 May 1, 1880
Extension mortgage	50	1869	1,000	1,000,000	7	J. & J.	do do	July 1, 1899
North Carolina—Stock, common Preferred stock.	$\begin{array}{c} 223 \\ 223 \end{array}$		$\begin{array}{c} 100 \\ 100 \end{array}$	3,000,000 1,000,000	3	M. & S. M. & S.	Company Shops, N. C.	Mar. 15, 1879 Mar. 15, 1879
Mortgage bonds	223	'67-'6 8	500	210,000	8	M. & N.	do do	Nov., 1888
Vortheastern (S. C.)—Stock, common Pref. stock (8 per cent) exchangeable for 2d mort.	102		50 50	899,350 86,000	4	M. & N.		
1st mortgage, new	102	1869 1869	500 500	820,000 234,000	8	M. & S. M. & S.	Charleston. do	Sept. 1, 1899 Sept. 1, 1899
2d mortgage, new	58		50	4,527,150	112	Q.—F.	Philadelphia Office.	Nov. 28, 1879
1st mortgage 2ú mortgage	56 56		500 &c. 500 &c.	1,930,500 1,500,000	7	J. & J. M. & N.	do do	Jan. 1, 1885 May 1, 1896
General mortgage bonds	317	••••	50	2,569,500 $5,842,000$	7	J. & J. M. & N.	do do Baltimore & Philadel.	1903 April 1, 1876
Northern Central—Stock	138			1,500,000	^ 6	QJ.	Annapolis.	Irredcemable
2d mortgage, sinking fund, coupon	138	1855 1865	500 &c. 500 &c.	1,490,000 1,126,000	6 6	J. & J. A. & O.	Baltimore, 1st Nat. Bk. do	July, 1885 April, 1900
Consolidated mortgage, gold, coupon	138	1868	1,000	2,599,000	6 g.	J. & J.	do do	July, 1900
do do do registered	138 138	1868 '74-'75	1,000 1,000	$205,000 \ 4,473,000$	6 g.	A. & O. J. & J.	London & Baltimore.	July, 1900 July 1, 1904
2d general mort., "A," coupon	138 138	1876 1876	1,000 1,000	3,000,000 1,000,000	5	J. & J. J. & J.	Baltimore, 1st Nat. Bk. do do	Jan. 1, 1926 Jan. 1, 1926
Northern, N. H.—Stock	8212		100	3,068,400	212	J. & D.	Boston, Office.	Dec. 1, 1879
Northern Pacific—Pref. stock(3 p. c., not cum'tive).	560		100 100	43,800,000 29,952,600	••••		\	
Mortgage and land grant bonds, Missouri Div	205	1879		2,000,000 2,030,000	6	• • • • •		
Mortgage bonds, Pend d'Oreille div	209	1879		2,000,000	Ü			

New Haven & Northampton.-Gross earnings,

New Haven & Normampion.—Gross earnings, 1877-8, \$518,194; operating expenses, \$322,879. (V. 26, p. 17; V. 28, p. 40, 401.)

New Jersey Midland.—To be s ld under first mortgage. Net earnings 1878, \$122,406. (V. 26, p. 142, 490; V. 27, p. 652; V. 23, p. 326, 534; V. 29, 252, 538)

New Jersey & New York .- Consolidation of the Hackensack & N. Y. and Hackens The bonds prior to above are about \$700,000. Hackensack branch sold May, 1878. To be sold in foreclosure and re-organized; see plan at length in V. 29, p. 459, 538.

29, p. 459, 538.

New Jersey Southern.—Sold in foreclosure Mar. 31, for \$752,(0), to bondholders. Leased to Central of N. J. (V. 28, p. 146, 173, 3.2; V. 29, p. 121.)

New London Northern.—Operated under lease till 1891 by Vermont Central for \$150,000 a year. Net earnings of road in 1877-8, \$170,431. (V. 27, p. 537.)

New Orleans, Mobile & Texas.—The Western Dision was sold Nov. 18, 1874, and the East. Div. is operated by the mort. trustees. Int. in default since 1872. Gross earnings. 1577, \$130,010; net. \$390,655; and less extraordinary expenses. \$158,450. (V. 2).

1872. Gross earnings. 1577, \$:30,010; net. \$390,655; and less extraordinary expenses, \$158,450. (V. 2); p. 341,393,575; V. 29, p. 407.)

N.-Y. City & Northern.—A re-organization of N. Y. & Boston. (V. 27, p. 172.)

New York & Canada.—The bonds are guaranteed by the Delaware & Hudson Canal Co. (V. 25, p. 615; V. 27, p. 602; V. 29, p. 581.)

New York Central & Hudson River.—The mort-grap loan for \$40,000,000 was to retire prior debt.

gage loan for \$40,000,000 was to retire prior debt, and the balance for third and fourth track, &c. The Harlem RR was leased April, 1873. Tae follow-

ing is a comparison of earnings, &c., for five years:

Gross
Net
Funded
Cost of r'd
Receipts.
Receipts.
Debt. & equip't. Receipts. Receipts. Debt. & equip't. 1878-9 \$28,396,593 \$12,273,510 \$40,486,407 \$100,773,416 1877-8 \$28,910,755 12,774,578 40,433,283 99.891,095 1876-7 26,579,085 11,632,924 40,335,445 99.142,408 1875-6 28,046,588 11,922,417 40,401,263 97,822,811 1874-5 19,027,218 11,765,111 40,003,667 96,355,774 (V. 26,p. 315,575; V. 27, p. 557,452 8178 V. 26,774 163, 655)

N. Y. City Elevated .- Leased to Manhattan El. R., with guaranty of 10 per cent yearly on stock. Bonds are p yable after 1:97 at 105. Gross earnings 1575-9, \$2,238,459; net, \$1,0.8150. (V. 26, p. 653; V. 27, p. 2810,490,462; V. 28, p. 302,536,153,579; V. 29, p. 407,511, 630.)

New York & Harlem.—Leased to N. Y. Central

at 8 p. ct. per annum (payable J. & J.) on stock, and Fourth and real estate was retained, and extra dividends

are made from profits of this line. (V. 28, p. 18.)

N. Y. Lake Erie & West (Erie).—Foreclosure of the Erie Railway took place April 24, 1878, under the second consolidated mortgage. The funded coupon bonds are secured by lien of consol. mortg. On the 2d consol., first coupon is payable June, 1880. The 2d funded coupon are 5 per cents till June, 1833, and after that 6. On the 2d and 2d funded c upon no forerlosure can take place till six coupons are in default. The interest charges each fiscal year will be: 1879-80, \$3,987.878; 1830-81, \$4.229,678; 1681 82, \$4.229,678; 1832-83, \$4.238,680; 18-3-84, \$4,314,884. The following comparison is for the fiscal years ending Sept. 30:

Net Interest. Earnings. 1878-9. \$15, 42,022 1877-8. 15.644,950 Income. Rentals, &c \$5,304,769 5,718 927 **≨3.** ►88 664 5,093,496 14.708,889 4,636,717 5,937,801 1876-7... 15,852,461 4.308,563 5,538,194 1875-6..... 1874-5...... 16,876,858 4,698,615 6,351,781 (V.27,p. 40, 173, 200, 28',303, 358 353, 409, 514,539, 628, 649,678; V. 28, p. 17. 67. 302, 552, 401, 477, 579 600; V. 29, p. 18, 147, 171, 197, 302, 358, 383, 433, 538, 564, 607, 631)

New York & Manhattan Beach.—Stock increased to \$800, 00. Gross earnings 1878-79. \$296,464; net, \$119,578. (V. 29, p. 18, 408, 657.)

N. Y. & N. England.—Formerly Bost. Hartf. & E. Old notes and liens unpaid about \$300,000. Net 4,698,615 6,351,781 1874-5..... 16,876,858

Old notes and liens unpaid about \$300,000. Net Old notes and riefs displace about \$350, vo. New bonds issued Oct., 187', to pay for extension to Hudson River. (V. 27, p. 304, 358, 409, 649; V. 28, p. 353, 428; V. 27, p. 17, 42, 147, 253, 273, 383, 434, 489, 637. 697.) New York New Haven & Hartford.—Net income over interest and all charges, 1878-9, \$1,561,659, against \$1,554.489 in 1877-8. (V. 27, p. 37; V. 28, p. 40; V. 29, p. 510).

New York & Gswego Midland.—Foreclosure sale took place November 14, 1879.

Receiver:

took place November 11, 1879. Receivers' certificates amounted to \$1,352 555. The plan of adjustment was reported in V. 28, p. 42; only \$200,000 bonds will be issued, and all existing liens will be changed for stock on certain terms. (V. 27, p. 383, 436, 462, 487, 539, 602, 652; V. 28. p. 18, 42, 277, 202, 550, 625; V. 29, p. 147, 302, 230, 434, 489, 528, 581.)

New York, Providence & Boston.—Annual report for fiscal year ending Sept. 1, 1879, showed net earning \$218,655, against \$393,115 in 1877-8. (V. 25, p. 1891, V. 27, p. 332, 626.)

591; V. 27, p. 383, 626; V. 29, p. 629.)

North Carolina.—Lensed September, 1871, to Richmond & Danville Railroad at \$260,000 per annum. Dividends of 6 p. c. are paid on stock, of which the State of No. Car. holds \$3,000,00). (V. 27, p. 406, 650; V. 29, p. 96.)

650; V. 23, p. 96.)

Northeastern, S. C.—Gross earnings in 1878-9, \$246,267; net, \$135,364, against \$162,501 in 1877-78.

(V. 27, p. 650; V. 20, p. 623.)

North Pennsylvania.—Leased to Phila. & Reading for 990 years. (See terms, V. 28 p. 625.) Lessees pay int. and 6 p. c. on stock, 1879-31; 7 p. c. 1891-3; and 8 p. c. of termy and 8. Net received 1878-32. and 8 p. c. afterwards. Net receipts 1877-8, \$573,06!.

(V. 28. p. 503, 625.)

Northern Cent.—The total net income in 1978 was \$1,510,483, of which \$1,485,585 was paid for interest. \$1,510,483, of which \$1,485,585 was paid for interest and rentals, leaving a balance of \$24,897. Under the general mortgage of 1876, \$1,000,000 more may be issued, as series "C." (V. 28, p. 314; V. 28, p. 220.)

Northern, N. Hampshire.—Net income fiscal rear 1878-9 was \$107,372. (V. 26, p. 546; V. 23, p. 552.

Northern Pacific.—Annual report V. 29, p. 379.

Sold in foreclosure Aug. 12, 1878, and pref. stock

issued to bondholders till June 30, 1879, at the rate of \$1,400 for each \$1,000 bond. This stock is exchangeable for land east of Mo. River at its par value. Bonds issued in 1879, see V. 29, p. 121. (V. 28, p. 87, 146, 200, 554; V. 2), p. 67, 121, 293, 330. 379, 564.)

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

DESCRIPTION.	1	1	1	late notice			discovered in thes	e Tables.
	Miles			Amaint	-		r or dividends.	Bonds-Princi
For explanation of column headings, &c., see notes at the head of first page of tables.	Road	of Bonds	Par	Amount Outstanding	Rate pe	When Payabl	Where Payable, and by Whom.	pal, When Due, Slocks—Last Dividend.
Northern of New Jersey-Stock. 1st mortgage, extended.	21		\$	\$1,000,000	212			In 1878
www.en & worcester—Stock	1	1878		400.000	6	J. & J	J. City, Hudson Co. B'k	Tuly 1999
New bonds, coupon	66	1877	1,000	2,604,400 400,000	. 5	J. & .	New England Trust Co	Inly 0 1970
Gaensoura & Lake Champlain—Stock	1 100	1	100	3,077,000	6 2	J. & J	Boston, N. E. Trust Co	March 1, 1897
Preferred stock	122		100	2,000,000	4	A. & C	Boston, Office.	July 10, 1876
Sinking fund bonds. Mortgage bonds for \$600,000 (sinking fund)	iïs	1870	1,000	392,000	8	M. & 8	do.	Apr. 1, 1878 Mar., 1890
		1877	100	538,000	6	J. & J	· do	1897
Preferred stock (7 p. c. yearly, cumulative) Income and funded debt bonds.	393		100	20,000,000° 4,030,000	••••	45		
Income and funded debt bonds.	148	1862	1,000	174,000	3 ½ 7	M. & S A. & O		Mar. 1, 1875
1st consolidated mort. (\$3,478,000 are s. f.)	393	1868	1,000	6,545,850	7	J. & J		April.1, 1882
20 Consolidated sinking fund mortgage	202	1868	£200	112,000	6 g.	J. & J	London.	Jan. 1, 1898 Jan. 1, 1898
Debenture sinking lund bonds (for \$1,000,000)	1	1871	1,000	3,864,000	77	A. & O	New York, Office.	April, 1911
BUTHE, DIV. (SD.W. H. SE.) 18t M. (for \$3 000 000)	റെറ	1874	1,000	140,000	6	M. & N	do do	May 1, 1883 Nov. 1, 1905
da Colony—Stock	260		100	6.733.800	3	M. & N J. & J		Nov. 1, 1905
		1871	500 &c.	390,000	3 7 6	Variou	Boston, Office.	Jan. 1, 1880 1881
Bonds Bonds Bonds		1860	1.000	150,000	6	A. & O	. do	Oct. 1, 1880
Bonds		1874 1875	1,000	1,692,000	7 6	M. & S	do	March 1, 1894
IMPROVE		1876		500,000 1,100,000	6	J. & D	12.0	June 1, 1895
Bonda.		1877		2,000,000	6	M. & S F. & A	do	Sept. 1, 1896
Bonds. Maha & No. Nebraska.—1st mort. gold land gr mean & California—1st mort.	47	1871	1,000	618,000	7·30 g.	J. & J	N. Y., Kountze Bros.	Aug. 1, 1897 Jan., 1901
Os rego & Rome—1st mortgage guaranteed	200	1870		10,950,000	7 g.	A. & O	Frankfort O M	Annil 1 1000
montgage bonds	2812	1865 1866	1,000	350,000	7	M. & N	N.Y. Farmers' L. &T. Co.	May, 1915
veceyo a suracuse—Slock, 9 ner cent guar	25	1000	1,000	200,000 1,320,400	7 41 ₂	IF. OZ A	do do	Fab 1901
Martgage honds	05	58&64	500 &c.	124,000	7	M. & N	N. Y., Del., L. & W. RR.	Aug., 1879
Consol. mortgage (guar. D. L. & W.). Paducah & Elizabethtown—1st mortgage.	100	1876	1,000	338,000	7	M. & 8		1880 & 1885 1907
20 mortgage, income	186 186	1877	1,000	216,000	7 8	F. & A	N.Y., Treasurer's Office.	Feb. 1, 1897
anama-Stock	47	1877	1,000	1,200,000	7	April.	l do do	Feb. 1, 1897
Welleral morroage sterling (4) (MO (MM)	45	1867	200 £200	7,000,000 3,877,808	4	QJ.		Nov. 1, 1879
Paris & Danville.—1st mortgage, gold, sinking fund	400	1873	1,000	2,500,000	7 g.	A. & O. J. & J.	London. New York, Office.	1884, '89 & 97
Paris & Decatur, (Ills.)—1st mort., g'd, sink. f'd	75	1872	500	1.200,000	7 g.	J. & J.	New York and London.	Jan. 1, 1903
ennsylvania—Stock.	67 1669	1871	~,000	1,076,000	7	F. & A.	N. Y., T. W. & W. RR	July 1, 1892 Feb., 1900
	355		1 000	68,870,200	212	M. & N.	Philadelphia, Office.	Nov. 29, 1879
Gen. M., Ph. to Pitts., coup., J. & J.; reg., A. & O. State lien (pay'tle in annual inst'lm'ts of \$460,000)		1870	1,000	4,970,000 19,999,760	6	J. & J.	do do	Jan 1880
State lien (pay't lein annual inst'lm'ts of \$460,000)		1 1	1,000	4,337,823	6 5	A. & O.	Philadelphia & London.	
Consol. M., coup. J. & D., & reg. Q.—M. (s. f. 1 p. c.) Navy Yard bonds, reg.		1873	1,000	29,145,000	6	QM.	Philadelphia. Philadelphia & London.	Annually.
Car Trust bonds (sinking fund 10 per cent)	••••	1875		1,000,000	6	J. & J.	Philadelphia, Office.	June 15, 1905 1881
critisulounta Co.—Common stock	••••	1877		3,000,000	6 g.			2001
Freierred stock	••••		50 50	3,000,000				
Judgment bonds (held by Pennsylvania RR.)		1877	1,000	7,000,000	6		Pittsburgh, Co.'s Office	Oct., 1873
Reg. bonds, secured by F. Ft.W.& C. special stock ennsylvania & Delaware—1st mortgage.	••••	1877	1,000	3,200,000	ĕ	QJ.	Philadelphia.	Demand. July 5, 1907
this giventua & New York—1st mort, guar	39	1873	4.000	1,083,000	7	F. & A.	Philadelphia, Office.	July 1, 1903
ING MIGHLURUPE, CHIRTONICON	$\begin{array}{c} 105 \\ 105 \end{array}$	1866 1866	1,000	1,500,000	7	J. & D.	Phila., B'k N. America.	June 1, 1896
Peoria & Bureau Valley—Stock Peoria Decatur & Evansville—Stock	46		1,000	1,500,000	7	J. & D.	· do · do	June 1906
let mortgage (for \$1, 227, 200)				2,000,000	4		N. Y., Chic., R. I. & Pac.	
1st mortgage (for \$1,287,000).	{			2,000,000				*******
Income bonds (for \$858,000). coria, Pekin & Jackson ville—1st mortgage	83	1004						•••••
2d mortgage.	83	$\frac{1864}{1870}$	1,000 &c.	1,000,000	7	J. & J.	N. Y., Imp. & Trad. B'k.	July 1, 1894
erkiomen—1st mortgage. Consol. mort., gold, guar. P. & R., (sink. fund)	38	1867	100	1,000,000 799,600	7 6	A. & O.	do do	Oct. 1, 1900
Consol. mort., gold, guar. P. & R., (sink. fund)	38	1873	1,000	1,125,000		A. & O. J. & D.	Phila., 227 S. 4th st.	Apr. 1, 1887
etersburg—Stock	82		100	1,324,200	3 5.	J. & J.	do do	June 1, 1913 Jan., 1872
	82 82			500,000		J. & J	N.Y., Lancaster, B.&Co.	Jan, 1879-'98
hiladelphia & Balt, Central-1st mort (Pa)	36	1859	100 &c.	300,000	8 .		do do	1902
2d mortgage (Pa.)	36		100 &c.	800,000	7	J. & J	Philadelphia, Office.	Jan., 1879
1st mortgage (Md.). kiladelphia & Erie—Stock, common	10	1866	100 &c.	300,000	6	J. & J. J. & J.	do do do	Jan., 1900
Licierted stock	287		50	6,053,700			do do	Oct., 1891
186 mort., Sundirv& E. (extended 20 years in 27)	40	1057	50	2,400,000	4	J. & J.	Philadelphia, Pa. RR.	
18t mortgage (\$3.000.000 are sterling)	287	1857 1861	1,000	976,000	7	A. & O	do do l	Oct. 1, 1897
2d mortgage	287	1868	1,000	5,000,000	6 & 6 g.	A. & U J. & J.	Phila., Pa. Life & T. Co	March 31, 1881
2d mort., gold (for \$20,000,000), guar by Pa. R hiladelphia Newtown & New York—Stock.	287	1869	1,000	8,680,000	6 g.	J. & J.	do Philadelphia & London.	July 1, 1888
Bonds, guar. by Phila. & Read.			50	1,200,000			E maderpma & London.	July, 1920
kiladelphia & Reading—Stock, common.				700.000	6			
			50	32,726.375	$2^{1}\!2$	QJ.	Philadelphia, Office.	Jan. 25, 1876
Preferred stock.		. 1	50	1 551 000 1	01 '	~		
Mortgage loans inconvertible			1.000	1,551,800	312	Q.—J.	do do	July 25, 1876
Mortgage loans inconvertible. Loan mortgage, convertible.	779 779	1943-9 1857	1,000 1,000	1,551,800 $1,510,500$ $79,000$	6	\mathbf{J} . & \mathbf{J} .	do do	July 25, 1876 July, 1880
Mortgage loans inconvertible. Loan mortgage, convertible. do do sterling.	779 779 779	1843-9 1857 1836	1,000 1,000 £100	$1,510,500 \\ 79,000 \\ 182,400$	6 6 5 g.	Q.—J. J. & J. J. & J. J. & J.	do do do do do do do	July 25, 1876 July, 1880 July, 1886
Mortgage loans inconvertible. Loan mortgage, convertible. do do sterling.	779 779 779 779	1943-9 1857	1,000 1,000	1,510,500 79,000	6 5 g.	Q.—J. J. & J. J. & J.	do do	July 25, 1876 July, 1880

Northern of N. Jersey .- Operated by Erie at 35 per c nt of gross carnings Gross earnings in 1877 were \$233,488; in 1878 \$234,719. Bonds due in 1878 were paid or extended at o per cent interest. (V. **26**, p. 600.)

Norwich & Worcester .- Leased February, 1869, to Boston, Hartford & Erie for 100 years at 10 per cent per annum on cost. Dividends paid of 10 per cent per annum. Gross earnings in 1877-8, \$666,883; net income, \$276,567. (V. 27, p. 537; V. 28, p. 200.)

Ogdensburg & Lake Champlain .- Leased in March, 1870, to Vermont Central, but lease failed and property reverted to owners April, 1877. Net carnings 1978-9, \$123,604, against \$241,488 in 1877-78. (V. 27, p. 14, 200, 333; V. 28, p. 277, 526; V. 29, p. 16, 631.)

Ohio & Musissippi.—Receivers were appointed Nov. 17, 1876. There are also \$97,000 of old 1st mortgage 7s, W. Div., yet out. The company purchased the Springfield Road, March, 1875, for \$2,000,000 in bonds secured on that road. Suit pending to foreclose Springfield Division. Interest on 1st mort. (O. & M.) is paid after it comes due. (V. 27, p. 42, 143, 173, 231, 304, 284, 437, 462, 487, 514, 539, 628; V. 28, p. 120, 144, 210, 253, 275, 323, 402, 423, 526, 554, 581, 649; V. 29, p. 67, 226, 241, 218, 341, 408, 434, 433, (31,)

Old Colony.—Net income in 1878-9 \$171,921.

Leased the Boston Clinton & Fitchb. Dec., 1878.

Leased the Boston Clinton & Fitchb. Dec., 1878. (V. 27, p. 537; V. 29, p. 537.)

Omaha & No. Nebruska.—Road was sold in foreclosure Oct. 24, 1873, and reorganized. Stock is
\$105,000. (V. 27, p. 42, 462, 514; V. 28, p. 18.)—
Orogon & California—After default in 1873 compromise made with bondholders. Gross earnings
1878, \$648,116; net, \$237,665. (V. 26, p. 355; V. 27, p. 358, 437.)

p. 358, 437.) Oewego & Rome-Operated by the Rome, Watertown & Ogdensburg at 8 per cent on \$30,000 stock, and interest on first mortgage bonds.

Osvego & Syracuse.—Leased to Del. Lack. & West.

For interest on boas and 9 per cent on stock.

Paducah & Elizabethtown.—This road organized after sale of Louisville Paducah & S. W.; has bonds outstanding as above. Net earnings 1873-9, \$45,807. (V. 26, p. 573; V 23, p. 402, 623.)

Panama.—Gross earnings. 1873. \$2,114,859; net, \$1.079,52;. Sinking fund, \$731,945. (V. 26, p. 217, 341, 625, 653; V. 28, p. 376, 402, 580.)

Paris & Danville.—Of these bonds, \$450,000 were given for coal mines at Danville, which are covered (1,230 acres) by the mortgage. Sold in foreclosure June 19, 1879. Net earnings, 18:7-8, *21,987. (V. 26, p. 592; V. 27, p. 358, 417, 629, 653; V. 25, p. 97, 121, 625; V. 29, p. 119, 415.)

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

Pekin Lincoln & Decatur.—Sold in foreclosure June 10, 1876, and reorganized. In 1877-8 gross earnings were \$217,369; net. \$77,7t6. In Dec., 1879. conso.idated with Decatur Mattoon & Southern. (V. 29, p. 632, 658.)

Pennsylvania.-The report for 1878 is given in V. 23, p. 249, and shows surplus net income of \$2.943.-659 after paying all charges and 2 per cent dividend. The total cost of stocks and bonds of oth r companies owned by Penn. Railroad was \$66.670,510. A scheme to buy up the company's guaranteed securities with \$100,000 per month from earnings, and issue a 4 per cent scrup to stockholders for the and issue a 4 per cent scrip to stockholders for the cash so used, was adopted by stockholders on March 26, 1878, but not carried out till November, 1878, when it was started at \$50,000 per month. The when it was started at \$50,000 per month. The following is a statement for three years on all lines east of Pittsburgh: Gross

Earnings. Earnings. 1878 \$31,636,734 \$11 483,550 1877 3!,117,146 10,194,417 12,834,385

Pennsylvania Company.—The Pennsylvania Company is a corporation distinct from the Penn. Railroad, and operates all the leased lines west of Pittsburg. The stock is owned by the Penn. Railroad.

In 1878 the net income over rentals, interest, &c., wa: \$1, 51,516 and advances to railroads charged off \$173.044, leaving \$.78,471 profit. The registered bonds are secured by deposit of \$4,601,000 of Pitts-Fort Wayne & Chic. special stock. (V. 25, p. 261; V. 28, p. 556; V. 29, p. 118.)

Pennsylvania & Delaware.—Sold in foreclosure Aug. 12, 1879. (V. 29, p. 162.) Pennsylvani i & New York.—Operated in close

connection with the Lehigh Valley. Net earnings 1875 6, \$698,109. Dividend of 10 per cent paid on preferred stock of \$3,500,000; common stock is \$1,061,700. (V.24, p. \$10.)

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

Peoria Decatur & Evansville.—A consolidation Dec., 1819, of the Pekia Lincoln & Decatur and De-catur Mattoon & Southern. (V. 2', p. 658.) Peoria Pekin & Jacksonville.—Sold in foreclosure

Nov. 14. 1879. and reported to be purchased in Wabash interest. Gloss carpings, 1877-8, \$227.501; net, \$23,114. (V. 28, p. 554; V. 23, p. 68, 226, 302,

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

Petersburg.—Receiver appointed, May, 1877. (V. 21, p. 41, 523, 653)

Philadelphia & Baltimore Central.—Operated for some time past in Pennsylvania by trustees of first mortgage bondholders. Net earnings 1878, \$86,849.

Deit Will & Balt largely interested (V. 23, p. 596) Phil., Wil. & Balt. largely interested. (V. 23, p. 526.)

Philadelphia & Erie .-- Leased February, 1862, for 999 years to Penn. Railroad, but without any guarantee of bonds. Gross earnings, 1878, \$2,921,060; net earnings, \$876,111. Net deficit after paying interest, &c., \$453,056. (V. 26, p. 166, 241; V. 28,

Philadelphia Newtown & New York.—A majority of the stock was sold to Phila. & Reading. Nov., 1879, and bonds are guaranteed by P. & R. (V. 29, p. 512.)

Philadelphia & Reading.—The report for 1877-8, is

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

DESCRIPTION.	Miles	Data	Size, or		IN		OR DIVIDENDS.	pal, When Due
For explanation of column headings, &c., see notes at the head of first page of tables.	oí	of Bonds	Par Value.	Amount Outstanding	Rate per Cent.	When Payable	Whom.	Stocks—Last Dividend.
Philadelphia & Reading—(Continued)—		1000	24224	01.107.000	0		Di. 1. 1. 1. 1. 0.00	
Loan mortgage	779	1868 1868	\$100&c. 1,000	\$1,135,300 2,700,000	6 7	J. & J. A. & O.	Philadelphia, Office.	July 1, 1893 Oct. 1, 1893
Loan mortgage. Consolidated mort., dollar loan, coupon or reg	779	1871	1,000	10,649,000	7	J. & D.	do do	June, 1911
do do gold, \$ or £, coup	779	1871	1,000	6,999,000	6 g.	J. & D.	Philadelphia & London.	June, 1911
do do dollar loan, gold, coup. or reg Debenture loan (convertible 1876-92), coup	779	1871	1,000 1,000	968,000 10,499,900	6 g.	J. & D. J. & J.	Philadelphia, Office. Philadelphia, Office.	June, 1911 Jan. 1, 1893
Improvem't mort., \$ or £, sink'g fund, coup	745	1873	1.000	9,364,000	6	A. & O.	Philadelphia or London	Oct. 1, 1897
Gen, mort., \$ and £ (sink, fund 1 p. c. yearly)		1874	1,000	19,686,000	6 g.	J. & J J. & D.	London & Philadelphia.	July 1, 1908
Income mortgage (for \$10,000,000) Debenture and guar. bonds, 6 per cent cur'cy scrip		1876 1877	1,000 10 &c.	2,159,000 3,622,787	6	J. & J.	Philadelphia, Office.	Dec. 1, 1896 July, 1882
Gen. mort. and Perkionien 6 per cent ster'g scrip		1877	90 &c.	1,823,040	6 g.	J. & J.	London & Philadelphia.	July, 1882
Coal & Iron Co., guar. mort. (for \$30,000,000)		1872-4	1,000	13,036,500	7	M. & S.		1892 to '94
do debentures, guaranteed niladelphia & Trenton—Stock	26	1872	100	1,731,000 1,259,100	212	Q.—J.	Philadelphia, Office. Philadelphia, Office.	1892 Oct. 10, 187
riladelphia, Germanlown & Norristown-Stock	34		50	2,231,900	3	Q.—M.	Phila., Treasurer of Co.	Sept. 3, 1879
riladelphia, Wilmington & Baltimore—Stock	112	1050	50	11,561,250	4 6	J. & J. J. & J.	Philadelphia & Boston.	Jan. 2, 1880
1st mortgage, convertible	95	1858° 1867	500 1,000	265,000 1,000,000	6	A. & O.	do do	July, 1884 April, 1887
Plain bonds, loando do do		1872-4	1,000	700,000	6	A. & O.	Phil'delphia, Co.'s Office	Oct. 1, 189
do do	140	1875	1,000	800,000	6	A. & O.	do do Balt., Balt. & Ohio RR.	April 1, 190
1st do Turtle Creek division	149 10	1868 1859	1,000 100 &c.	4,000,000 326,600	6	F. & A.	Pittsb., First Nat. Bank	July, 1898 Aug. 1, 1882
Consol. mort., guar. B. & O. (s. f. £7,200 pr. yr.)	149	1876	£200	6,500,000	6 g.	J. & J.	London, J.S. Morgan&Co	Jan. 1, 1926
Consol. mort., guar. B. & O. (s. f. £7,200 pr. yr.) tts., C. & St. L.—1st m., cons. (for \$10,000,000)	200	1868	1,000	6,222,000	- 7	F. & A.	Phila., Pa. RR. Office.	Aug. 1, 190
2d mortgage 1st mortgage, Steubenville & Ind., reorganized	200 117	1873	1,000 1,000	2,500,000 3,000,000	7	A. & O.	N. Y. Agent, 57 B'way.	April 1, 191 May, 1884
Col. & Newark Division bonds	33	1864	1,000	775,000	7	J. & J.	Phila., Pa. RR. Office.	Jan., 1890
ttsburg, Ft. Wayne & Chicago-Stock, guar	468		100	19,714,285	134	Q.—J.	N. Y., Winslow, L. & Co.	Oct. 7, 187
Special improvement stock, guaranteed	468	1871	100 500 &c.	6,329,300 875,000	134	Q.—J. J. & J.	do do do	Oct. 1, 187
1st mortgage (series A)) 1st do do B	468	1862	500 &c.	875,000	77.	F. & A.	do do do do	July 1, 191 July 1, 191
est do do C	468	1862	500 &c.	875,000	7	M. & S.	do do	July 1, 191
lat do do D	468	1862	500 &c.	875,000	.7	A. & O. M. & N.	do do	July 1, 191 July 1, 191 July 1, 191
st do do E Bonds all cou-	468 468	1862 1862	500 &c. 500 &c.	875,000 875,000	7	J. & D.	do do	July 1, 191 July 1, 191
2d do do G } he made nave-{	468	1862	500 &c.	860,000	7	J. & J.	do do	July 1, 191
2d do do H ble to order	468	1862	500 &c.	860,000	77777777777777	F. & A.	do do	July 1, 191 July 1, 191
2d do do I	468	1862 1862	500 &c. 500 &c.	860,000 860,000	7	M. & S. A. & O.	do do do do	July 1, 191
d do do L	468	1863	500 &c.	860,000	7	M. & N.	do do	July 1, 191 July 1, 191 July 1, 191
ed do do M	468	1862	500 &c.	860,000	7	J. & D.	do do	July 1, 191
Id do	468	1862 1857	500 &c. 1,000	2,000,000 100,000	7	A. & O. J. & J.	do do do do	July 1, 191 Jan. 1, 188
Equipment bonds (renewed)		1874	1,000	1,000.000	8	M. & S.	do do	Mch. 1, 188
ttsburg & Lake Erie-1st mortg. (for \$2,000,000).		'-	1,000	(8)		F. & A.	Distriction of	
ttsb. Titusville & Buff.—1st mort. (W. & F.RR.) Lst mortgage (Oil Creek RR.)	50 38	1865 1862	1,000	1,500,000 580,000	7	A. & O.	Philadelphia, Office.	Feb. 1, 189
lst mortgage (Un. & Titusville RR.)	25	1870	500 &c.	500,000	7	J. & J.	do do	Apr. 1, 189 July 1, 189
New mortgage (Pitts. T. & B.)		1876	100 &c.	1,155,000	7	F. & A.	do do	Feb. 1, 1896
Funding income bonds (P. T. & B.)	120 30	1876	100 &c. 1,000	315,933 1,583,000	7 g.	F. & A. A. & O.	do do Philadelphia.	Feb. 1, 1896 April 1, 1905
orlland & Ogdensb.—1st mort., E. D., gold		1870	1,000	800,000	6 g.	J. & J.	Boston, First Nat. Bank	Jan., 1900
New mortgage (for \$3,300,000)		1871		1,577,960	6 g.	M. & N.	do do	Nov., 1901
1st mortgage, Vermont Div., gold	80 521	1871 1867-9	100 &c. 500 &c.	2,300,000 700,000	6 g.	M. & N.	New York and Boston. Boston, Columbian B'k.	May, 1891 July 1, 188
Lst mortgage, equal lien	$52\frac{1}{2}$	1870	500 &c.	350,000		A. & O.	do do	Oct. 1, 189
2d do (Portland loan) sinking fund, "B".	52^{1} 2	1871	500 &c.	450,000	6	Various	do do	Sept. 1, 189
rtland. Saco & Portsmouth—Stock	52 52	1876	100	1,500,000 500,000		J. & J.	Boston, Office.	July 1, 187
ist mortgage, gold	1118	1869	1,000	2,500,000	6 g. 7 g.	M. & N.	New York and London.	Nov. 1, 188
rtsmouth, Gt. Falls & Conway-Stock	71		100	770,000	3	J. & J.	Bost., Eastern RR. Co.	July 15, 187
Bonds (not mort.) guaranteed by Eastern RR	71	1877	500 &c.	486,000	412	J. & D.	do do	Dec. 1, 193
ovidence & Worcesler—Stock	67	1870	1,000	2,000,000 500,000	21 ₃	J. & J. J. & J.	Providence, Office.	July 1, 187 July 1, 188
New bonds		1877	2,000	650,000	6		do do	1897
leigh & Gaston—1st mortgage	97	1873		658,000	7	M	N N VIII N I	Jan., 1898
ading & Columbia—1st mortgage, coupon	39 39	$1862 \\ 1864$	100 &c. 1,000	650,000 350,000	7	I & D	N. Y., Union Nat. Bank. Columbia, First Nat. B'k	Mch. 1, 188
2d mortgage, coupon	41	1004	1,000	1,500,000				June, 1884 Nov., 1902
nsselaer & Saratoga-Stock	181		100	7,000,000	4	J. & J.	N. Y., Nat. B'k Com'rce.	July 1, 1879
1st mortgage, consolidated (for \$2,000,000)	79	1871	1,000	1,925,000			N.Y., Del.& H.Canal Co	Nov., 1921
hinebeck & Conn.—1st mortgage, gold	35 199		100	800,000 4,000,000	7			
State sinking fund loan				508,486	6	J & J	Richmond, Office.	1880
Bonds, guaranteed by State	10			111,700		J. & J.	do	Jan. 1, 1875
3d mortgage, consolidated, coupon or registered.	140	$\begin{array}{c c} 1867 \\ 1874 \end{array}$	1,000	1,767,500 1,728,000	6 g.	M. & N.	N. Y., City Nat. Bank.	1878 to '90
New general mort, gold (for \$6,000,000)								
New general mort., gold (for \$6,000,000) Piedmont branch, 1st mortgage	142 49	1074		500,000	8 1		New York or Richmond	1888

given at length in V. 28, p. 66. 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 1850 will be extended 30 years, on payment of 19 per cent premium. A comparison of statistics for three years is as follows:

1875-6. 1876-7. 1977-78. Gross earnings... \$12,227,511 \$12,149,910 \$11,539,593 Op. expenses.... 8,510,350 7,751,693 7,319,366

Net earnings. \$3,717,161 \$4,391,217 \$4,220,227 (V. 27, p. 122, 223, 332, 437, 540, 669; V. 28, p. 66, 113, 328, 428, 527, 580, 625; V. 29, p. 18, 121, 226, 340, 408, 435, 460, 512, 553.)

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

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

Philade'phia, Wilmington & Baltimore.—Net earnings, year ending Oct. 31, 1872, \$1,095,103, leaving a surplus income of \$38,112 above payment of all charges and 8 per cent dividends. (V. 26, p. 191; V. 28, p. 67.)

Pittsburg & Connellsville.—On Jan. 1, 1876, a transfer was made by City of Baltimore to Baltimore & Ohio Railroid for \$1,000,000, and the consolidated mortgage made for £2,200,000, and guaranteed by B. & O. (V. 24, p. 135.)

Pittsburg, Cincinnati & St. Louis.—This company leases several roads and is itself controlled by the Pennsylvania Co., which holds a majority of the

capital stock. Common stock, \$2,508,000; 1st pref.' \$2,929,200; 2d pref., \$3,000,000. Gross earnings in 1878 of road proper \$3,176,370; net. \$1,186,763; surplus over interest, &c.. \$31,383. Loss on leased lines, &c.. \$511,141; net deficit. \$13,757. (V. 27, p. 97, 200, 304, 409, 567, 629, 658, V. 28, p. 376; V. 29, p. 539.)

Pittsburg, Fort Wayne & Chicago.—This road was leased July, 1869, for 999 years, to Pennsylvania Railroad, at a rental equivalent to interest, sinking fund of debt, and 7 per cent on \$19,714,286 stock, which was increased at that time from \$11,500,000. The lease was transferred subsequently to the Pennsylvania Company. The lessees to keep the road in repair, and also pay taxes, expenses, etc. Pittsburg, Fort Wayne & Chicago leases the Newcastle & Beaver Valley and the Lawrence roads; which in turn are leased again by Pennsylvania Company. Special Impr. stock issued to Penn. Railroad for improvements, &c., is under article 16 of lease. Net earnings, 1875, \$3,689,196; profit to lessee, \$728,593. Sinking fund for bonds amounts to \$2,565,588. (V. 26, p. 523; V. 28, p. 377, 598.)

Pittsburg & Lake Erie.—The capital is \$2,000,-000. The Lake Shore & Michigan Southern Co. subscribed for \$200,000 of it. (V. 28, p. 113, 147.)

Pittsburg Titusville & Buffalo.—This was the Oil Creek & Allegheny River road. Sold in foreclosure and re-organized Dec. 29, 1875. Defaulted August, 1878, on consol. bonds. Net earnings 1878, \$184,562. (V. 27, p. 137; V. 28, p. 18. 277; V. 29, p. 253.)

Pittsburg Virginia & Charleston.—Road leased in 1879 to Penna. R.R. Of these bonds the Pennsylvania Railroad owns \$500,000. Net earnings, 1877, \$34,640: 1873, \$50,298. (V. 28, p. 113.)

Portland & Ogdensburg.—The two divisions were consolidated March, 1875, as one company. In March, 1876, Company passed the interest on its bonds, and funding proposals were offered. Receiver appointed October, 1877, and foreclosure suit is pending. (V. 27, p. 540; V. 23, p. 144, 200; V 29, p. 253, 435, 632.)

Portland & Rochester—Interest in default, and receiver appointed in January, 1877. The report for 13 mos. to Scpt. 30, 1878, shows gross earnings, \$143,15; expenses, \$118,816. (V. 25, p. 333; V. 28, p. 41, 625; V. 29, p. 42.)

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

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

Portsmouth, Great Falls & Conway.—Opened in 1872, and leased to Eastern Railroad, Massachusetts. New 4½ per cent bonds for \$1,000,000 authorized, and new contract of lease. (V. 27, p. 15, 97, 115, 228.)

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

Raleigh & Gaston.—Net earnings 1877-8, \$107,185, against \$85,749 in 1876-7. Dividend, Oct. 1879, 826 per cent. (V. 27, p. 94.)

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

Reading & Lehigh.—This was the Berks Countral, road; sold out, and lensed to Philadelphia Reading, March, 1875, for 99 years. Sold again Sept. 23, 1879. (V. 26, p. 266; V. 28, p. 600; V. 29, p. 330.)

Rensselaer & Saratoga.—Leased May 1, 1871, to Delaware & Hudson Canal Company, which pays interest on bonds and 8 per cent on stock. (V. 27, p. 602; V. 29, p. 581.)

Richmond & Danville.—Gross earnings 1877-8, \$\forall 42,385; net, \$310,947. This company leases the North Carolina Railroad and the Piedmont Railroad, and controls the Char. Col. & Aug. (V. 26, p. \$\frac{1}{2}\$) \$\forall 27,p. 409, \$\forall 50.)

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

THE STATE OF THE CONTROL OF STATE OF THE STA		- A A A A A A	, militare C	TIGLE MOULE	ou any	CITOI	discovered in these	
DESCRIPTION.	Milos	Date	Gigo on		IN	TEREST	OR DIVIDENDS.	Bonds-Frinc
for explanation of column headings, &c., see notes	Miles	of	Size, or Par	Amount	Rate per	When	Where Payable, and by	pal, When Dustocks—Last
at the head of first page of tables.		Bonds		Outstanding	Cent.	Payable	Whom.	Dividend.
D'-11-1 7 - 7 - 7 - 1 D 1 4				7				
Rich'd, Fredericksburg & Potomac—Bonds, ster Dollar loan	••••		\$	\$57,327	6 g.	J. & J.		1885
Coupon bonds of 1881	••••		••••	180,000 450,000	6 & 7	Various J. & J	Richmond, Office.	1880-85. 1881-'90
Richmond & Petersburg-Stock.			100	1,008,600	2	J. & J.	Richmond, Office.	Jan. 6, 1879
1st mortgage, coupon	25	1870	1,000	175,000	8 7 7	A. & O.	do do	1880 to '86
New mortgage	:	1875		31,000	7	M. & N.		May 1, 1913
Rome, Watertown & Ogdensburg—Stock	$\frac{109}{409}$	1878	1,000	2,180,000	3	J. & J.	New York.	July 1, 1902
1st sinking fund mort. Wat. & R	97	1855	100 &c.	3,147,600 424,200	7	M. & S.	N. Y., Farm. I. & T. Co.	July 15, 1875 Sept. 1, 1880
1st sinking fund mort , Wat. & R. General mortgage, sinking fund	190	1861	500 &c.	1,021,500	7	J. & D.		Dec. 1, 1891
2d mortgage	190	1872	1,000	1,000,000	7	J. & J.	do do	Jan. 1, 1892
Consol. mort., convert. till July, '79, coup	360	1874	1,000	4,250,000	. 7	A. & O.		July 1, 1904
New mortgage in exchange for equipment bonds	$\begin{array}{c} 120 \\ 120 \end{array}$	1872 1878	100 &c.	1,337,100 1,105,200	. 6 5	M. & N. F. & A.		Nov. 1, 1902
4. Joseph & Western-1st M. St. Joseph & Pacific	112	1876	100 &c.	1,900,000	7	J. & J.		Jan. 1, 191
2d mortgage, income	112	1876	1	1,200,000	77	J. & J.		Jan. 1, 191
Kansas & Nebraska, 1st mortgage	115	1876	100 &c.	1,900,000	7	J. & J.	do	Jan. 1, 1913
do 2d mort., income	115	1876	700	1,200,000	7	J. & J.	do	Jan. 1, 191
Professed stock 17 non cent wearly cumulative)	207	• • • • •	100	2,300,000 2,468,400	•••		••••••	Esh 1 1000
1st mortgage (series A) sinking fund)		1864	1.000	1,100,000	2 7	J. & J.	N. Y., Office 12 Wall st.	Feb. 1, 1878
1st mortgage (series B) sinking fund. 5 9 2 8		1861	500 &c.	1,100,000	7	A. & O.	do do	1894
2d mortgage, preferred (series C)	••••	1864	1,000	1,400,000	7	F. & A.	do do	1894
2d mortgage, preferred (series D)	••••,	1864	1,000	1,400,000	7	M. & N.	1	1894
1st mortgage (series A) sinking fund. 1st mortgage (series B) sinking fund. 2d mortgage, preferred (series C). 2d mortgage, preferred (series D). 2d mortgage, income. Equipment mortgage.	••••	1861	500 &c. 1,000	1,700,000 300,000	7 10	M. & N. M. & S.	do do do do	1894 1880
L.D. Ban. & Acon. — 186 M. Cou., conv. lucost k till 871	50	1877	100 &c.	140,000	7	A. & O.	N.Y., Amerm'n & Burw'l.	Oct. 1, 191
Louis, Iron Mountain & Southern-Stock	686		100	21,202,661	••••			
1st mortgage, coupon	210	1867	1,000	4,000,000	<u>7</u> .	F. & A.	N.Y.,Office 20 Nassau st	
2d mortgage, gold, coupon, may be registered Arkansas Branch, 1st mortgage, gold, land grant	210 100	1872 1870	1,000	5,927,000	7 g.	M. & N.	New York or London.	May 1, 1897
Cairo Ark. & Texas. 1st mort., gold, coup or reg	72	1870	1,000	2,500,000 1,450,000	7 g. 7 g.	J. & D.	New York, Co.'s Office.	June 1, 189 June 1, 189
Cairo & Fulton, 1st mort., gold, coup or reg.	300	1870	1,000	8,000,000	7 g.	J. & J.		Jan. 1, 189
1st pref. income bonds, reg., (cumulative)		1879		4,163,297	7	March.		Various.
2d pref. income bonds, reg., (cumulative)	::::	1879	1,000	4,089,000	6	March.	do do	
t. L.& S.Francisco.—1st M. (So. Pac.), g., (l'd grant) 2d mortgage bonds, A.	293	1868 1876	500 &c.	7,194,500	6 g.	J. & J.	,	July, 1888
do do B. gold.		1876	100 &c. 500 &c.	318,500 2,687,500	6 3 &c.	M. & N. M. & N.	do do do do	Nov. 1, 1906 Nov. 1, 1906
do do C, gold		1876	500 &c.	2,286,000	3 &c.	M. & N.		Nov. 1, 1906
Land debentures		1874		350,000	10	Q-J.	do do	Jan. 1, 1884
New mortgage, gold. L. Louis & Southeastern—1st M., gold. conv. s. tund	84	1879	1,000	1,100,000	6 g.	F. & A.	do do	Aug. 1, 1919
Consolidated mortgage, gold, sinking fund	$\begin{array}{c} 210 \\ 420 \end{array}$	'69-71 1872	1,000 500 &c.	3,250,000 5,145,000	7 g. 7 g.	M. & N. F. & A.	N. Y., G. Opdyke & Co.	
Evansville Henderson & Nashville, 1st mort	98	1867	1,000	1,000,000	7 8.	J. & J.	do do	Aug., 1902 July 1, 1897
t. Louis Vandalia & Terre Haute-1st M. s. f. guar	158	1867	1,000	1,899,000	7	J. & J.	N. Y., Third Nat. Bank.	Jan. 1. 1897
2d mort., sink. fund (\$1,600,000 guar.)	158	1868	1,000	2,600,000	7	M. & N.	do do	Muy 1, 1898
t. Paul & Duluth—Preferred 7 per cent stock Common stock	156 156	••••		5,137,038	••••	••••		•••••
L.P. Minn'polis & Manitoba-1st M., St. P. to St. A	10	1862	1,000	$egin{array}{c} 4,056,407 \ 120,000 \ \end{array}$	8	M & S	N.Y.,J.S. Kennedy & Co.	1881
2d M., and 1st, St. Paul to Watab	76	1862	1,000	366,000	7	J. & J.	do do	1892
New land grant sinking fund 1st mort., gold	667	1879	100 &c.	8,000,000	7 g.	J. & J.	New York and London.	1909
do do do 2d mort., gold L. Paul & Sioux City—Pref. stock	667	1879		8,000,000	6 g.	A. & O.	do do	Cct. 1, 1909
Common stock.	465 465	••••		4,600,000	1	· · · · ·	•••••	• • • • • • • • • • • • • • • • • • • •
New mortgage, gold (for \$7,000,000)	465	1879	1,000	2,860,000	6 g.	A. & O.	N. Y., Metropol. N. Bk.	April 1, 1919
aginaw Valley & St. Louis.—1st mortg., coup	3412		1,000	446,000	8	M. & N.	New York, 9th Nat. Bk.	May 1, 190
undusky Mansfield & Newark—Re-organized stock	116		50	1,050,356	2		1st N. Bk., Sandusky, O.	Oct. 1, 187
1st mortgage, new	116	1869	1,000	2,301,000	7	J. & J.	N. Y., Union Trust Co.	July, 1902
Funded int. bonds, S. & C. RR., guar. by S. Car	101	1853 1868	500 100 &c.	505,000 111,800	6 7	M. & S. M. & S.	Charleston, 1st Nat. Bk.	March 1, 187
1st mortgage, Savannah & Charleston RR	101	1869	500	500,000		J. & J.	New York.	Sept. 1, 189 Jan. 1, 188
avannah & Memphis-1st mortgage	60	1870	1,000	2,423,000	8 g.	M. & N.	N.Y., Lancaster, B.& Co.	May 1, 189
chenectady & Duanesburg-1st M., guar. D. & H.	14^{1}_{2}	1874	100 &c.	500,000	6	M. & S.	Del. & Hud. Canal Co.	Sept. 1, 192
chuylkill Valley—Stock	11	1070	50	576,050	212	j. & j.	Philadelphia, Office.	July, 1879
2d mortgage (sinking fund, \$5,000 per year)	98	1876 1879	500 &c. 1,000	1,300,000	7	A. & O.	N.Y., Winslow, L. & Co.	Jan. 1, 189
caboard & Roanoke-Stock.	80	2010	100	1,299,600		M. & N.	Phil., Townsend, W. & Co.	April 1, 189 May 1, 1879
1st mortgage.	80	1851	1,000	210,000	7	F. & A.	do do	Aug., 1880
Ama & Gulf—1st mort guar. by Alabama	40	1870	1,000	16,000 p.m.	8	A. & O.	New York.	Jan. 1, 1896
Ima Rome & Dalton—1st mortgage. 2d mort., Alabama & Tenn. River RR.	100		• • • • •	838,500		J. & J.	New York, Office.	Jan. 1, 1879
are made the chickening to 1 Citil, Divel D.D.	100		• • • • •	$241,000 \\ 3,000,000$		J. & J. A. & O.	do do	Jan. 1, 186
General mortgage for \$5,000,000	1					F & A	do do	April 1, 188'
General mortgage for \$5,000,000	28		50	869.450			FILLIACIONICA. I PAUSITANT	Allo Inches
General mortgage for \$5,000,000 hamokin Valley & Pottsville—Stock. 1st mortgage, gold, on road and lands	28 28	1871	500 &c.	$869,450 \\ 1,994,000$	7 g.	J. & J.	Philadelphia, Treasurer.	
General mortgage for \$5,000,000 hamokin Valley & Pottsville—Stock. 1st mortgage, gold, on road and lands. heboygan & Fond du Lac—1st mortgage.	$ \begin{array}{c c} 28 \\ 28 \\ 781_{2} \end{array} $	1871 1864		1,994,000 750,000	7 g.	J. & J. J. & D.	N. Y., (In default.)	July, 1901 June, 1884
General mortgage for \$5,000,000 hamokin Valley & Pottsville—Stock 1st mortgage, gold, on road and lands heboygan & Fond du Lac—1st mortgage 1st mortgage extension	$ \begin{array}{c c} 28 \\ 28 \\ 78 \\ 78 \\ \hline 29 \end{array} $	1871 1864 1871	500 &c. 1,000	1,994,000 750,000 850,000	7 g. 7	J. & J. J. & D. A. & O.	N. Y., (In default.)	June, 1884 October, 1896
General mortgage for \$5,000,000 hamokin Valley & Pottsville—Stock. 1st mortgage, gold, on road and lands heboygan & Fond du Lac—1st mortgage 1st mortgage extension. enango & Alleghany—1st mortgage.	28 28 78 ¹ ₂ 78 ¹ ₂ 32	1871 1864 1871 1869	500 &c. 1,000 500 &c.	1,994,000 750,000 850,000 874,500	7 g. 7 8 7	J. & J. J. & D. A. & O. A. & O.	N. Y., (In default.) do do N. Y., N.Bk. of Com'ree.	July, 1901 June, 1884 October, 1896 April 1, 1889
General mortgage for \$5,000,000 hamokin Valley & Pottsville—Stock 1st mortgage, gold, on road and lands heboygan & Fond du Lac—1st mortgage 1st mortgage extension	$ \begin{array}{c c} 28 \\ 28 \\ 78 \\ 78 \\ \hline 29 \end{array} $	1871 1864 1871 1869	500 &c. 1,000	1,994,000 750,000 850,000	7 g. 7 8 7 4	J. & J. J. & D. A. & O. A. & O.	N. Y., (In default.)	July, 1901 June, 1884 October, 1896

Richmond, Fredericksburg & Potomac - Gross earnings 1873-79, \$317,032; net earnings, \$155,(56. (V. 27, p. 68, 85, 566; V. 29, p. 656.)

Ruchnond & Petersburg.—Gross earnings year ending Sept. 30, 1877, \$137,116; net, \$47,271. (V. 22,

Rochester & State Line .- Bonds sold in N. Y., July, 18:8. Road runs from Rochester, N. Y., to

Salamanca, and Rochester City furnished \$600,030 towards its construction. (V. 2', p. 139.)

Rome, Watertown & Ogdensburg—The last report shows gross earnings in 1877-9 of \$1,113,258; net, \$48,648, against \$34',224 in 1877-8. Default was made on company construction of the same of made on ccupons consol. bonds Aprii, 1878. (V. 26 p. 334; V. 25. p. 276; V. 29, p. 68. 581.)

Rutland.—Common stock is \$2.480,000, and pre-

Rulland.—Common stock is \$2.480,000, and preferred \$4,000,000. Five per cert bonds were given in exchange for equipment bonds and 6 per cents for mortgage b nds. (V. 27, p. 121, 253, 384, 567; V. 28, p. 200; V. 29, p. 1 & 5.)

St. Joseph & Western.—The St. Jo. and Denver City was sold in foreclosure Nov., 1875, and reorganized. The st ck 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 land trustees, for the benefit of the holders of the land scrip of \$2,259,000. The first coup. on K. & Neb. bonds is du: July, 1851. In 1878 gross earnings were \$641,35; operating expenses and renewals, \$580,209. (V. 28, p. 351.62); V. 29, p. 331.) St. Louis, Alton & Terre Haute.—The main line was leased June, 1867, for 99 years, to Indianan. & St. L.

at 30 per cent of earnings (but \$450,000 a minimum). This was guaranteed by three other companies; see V. 26, p. 614, 654. In 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, 18.8. on 2d mort. bond were paid in Fanuary, 1879. (V. 26, p. 417, 614, 625, 65; V. 27, p. 17, 140, 437, 454, 488, 603, 673; V. 28, p. 476; V. 29, p. 436, 658.)

St. Louis Hannibal & Keokuk .- (V. 19, p. 539, 608.) St. Louis, Iron Mountain & Southern.—Gross 580, 616; V 29, p. 117, 226, 331, 460, 493, 513, 658.)

earnings, 1878, \$4,514,321; net, \$1.913,955. In St. Paul & Sioner (ity.—This company has about 1875, the company failed to pay interest, but after 550,000 acres of land unsold. In Aug, 1879, pur-

ward compromised without foreclosure. (V. 26, p. 287, 242, 388, 625; V. 27. p. 358, 354, 40.; V. 28, p. 43, 173, 302, 325; V. 29, p. 18.)

S'. Louis & San Francisco.—This is the re-organization of the Atlantic & Pacific, sold in foreclosure

Sent. sept. 8, 18:6. The stock authorized is—\$4,500,000 of 1st preferred; \$10,000,000 of pref.; \$10,000,000 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, on bonds B and C is 3 per cent for 1849-30-31, 4 for 1852, 5 for 1883, and 6 afterward. In 1878 gross earnings were \$1,201,651; net, \$6(3.517, against \$739.136 in 1877. (V. 26, p. 2/1; V. 28, p. 253, 454, 455, 527, 555; V. 29, p. 145, 3i1, 383, 436, 4.0, 539,

St. Louis & Southeastern.—'Fennessee Div. sold April 9, 1879, and purchased by Louisv. & Nashv. RR. Kentucky Div. was sold July 19. D. Vision north of Ohio river, sold to Nashv. 1878, \$1.160. Louis. Gross earning: of whole line 1877-8, \$1,162, 196; net. \$272,558. (V. 27. p. 229, 488; V. 28, p. 18, 253, 278; V. 29, p. 42, 96, 203, 131, 132.)

St. Louis, Vandalia & Terre Haute.-The com. etock is \$2,283,315; pref., \$1,451,700. This road is leased to Terre Haute & Indianapolis at 30 per cent of gross ear, ings. In 1877-8 the earnings were \$1,-054,627. A deficit of \$35,565 was advanced by the lessee. Bonds guaranteed by Terre Haute & Ind., by Col., Chic. & Ind. Cent., and Pitts. Cin. & St. Louis. (V. 24, p. 110; V. 26, p. 165; V. 22, p. 119.)

St. Prul & Duluth.—This is the Lake Superior & Mississippi reorganized. Preferred stock is receivable for lands. Lands unsold, about 1,30,600 acres. Gross earnings, 1878 9. \$439.291; net, \$87,018. (V. 27, p. 147; V. 29, p. 68, 118, 436.)

St. Paul Minne polis & Maniloba.—St. Paul & Pacific, First Div., sold in foreclesure in June. 1879, and reorganized. (V. 28, p. 200, :54, 495, 555, 580, 616; V 29, p. 117, 226, 331, 460, 493, 513, £58.)

chased 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, 283, 436, 459, 483, 513, 539.)

Saginaw Valley & St Louis.-Has a traffic guarantee by Michigan Central. Net earnings, 1877, \$57,518; in 1878, \$51, 967. (V. 27, p. 804; V. 29, p. 96.) Sandusky, Mansfield & Newark.—This road is leased to the Central Ohio, and the lease guaranteed by Baltimore & Ohio. (V. 16, p. 290.)

Savannah & Charleston.—Road in hands of receiv-

er and decree of sale made.

Savinnah & Memphis—Defaulted after the crisis of 1873. Net earnings, 1877-8, \$7, 357.

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

gusranteed.

Selma & Gulf. - Sold in foreciosure 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.)

Shumokin Valey & Pottsvile. - Leased February, 1863, to Northern Central, at 7 per cent on bonds and forecast on stock

6 per cent on stock. Sheboygan & Fund du Lac.—Defaulted 1873. Gross sheooygan & Fond d'i Lac.—Defaulted 1873. Gross earnings, 1878, \$99,151; net, \$20,072. (V. 24, p. 198, 345; V. 26, p. 521; V. 28, p. 167.)

Shenango & 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, 1876-7, \$342,374, net \$49.869; gross earnings, 1877-8, \$317.978; net profit to lessee, \$1,539. (V. 24, p. 63; V. 28, p. 40.

DESCRIPTION.		Miles	Date	Size, or	A-mo			OR DIVIDENDS.	Bonds—Prin
For explanation of column headin at head of first page of	gs, &c., see notes	of	of Bonds	Par	Amount Outstanding		When Payable	Where Payable, and by Whom.	Stocks—Las Dividend
Loux City & Pacific—1st mortgage		105	1868	\$500&c.	\$1,629,000	6	J. & J.	N. Y., Nat. Park Bank. U.S. Treas., at maturity	Jan. 1, 189 Jan. 1, 189
2d mortgage (government subsid Somerset—1st mortgage, gold	у)	23	1871	500 &c.	1,628,020 450,000	7 g.	J. & J.		July, 1891
outh Carolina-Stock				100	5,819,275	1	Q.—F.	Charleston, S.W.RR Bk	May, 1871 1878 to '88
1st mortgage, sterling loan		242		Various	1,482,666		J. & J. J. & J.	London. New York.	1878 to '88
do dollar bonds (L)		242 242	$1868 \\ 1872$	500	1,051,500 1,206,500	6 7	A. & O.		Oct. 1, 190
2d mortgage (for \$3,000,000) Domestic bonds (I)			1866	500	1,067,500	7 7	A. & O.	Charleston.	April, 189
Domestic hands (K)			1868	100	63,500	6	J. & J.	do N N Drovel M & Co	1880 and 18 Jan. 1, 189
o. & No. Alabama—1st M., endors	ed by Alabama.	183 183	1870 1873	1,000	391,000 5,133,810	8 g. 6 g.	M. & N.	N. Y., Drexel, M. & Co. London, Baring Bros.	Jan. 1, 100
Sterling mort., s. fund, guar. by couthern of Long Island-1st mor	gage (S. Side)	57	1867	500 &c.	750,000	7 5.	M. & S.	N. Y., Gallatin Nat. B'k N. Y., Vermilye & Co.	Mar. 1, 188
outhern Central (N. Y.)—1st mor	tgage	114	1869	1,000	1,500,000	7	F. & A.	N. Y., Vermilye & Co.	Aug. 1, 189
2d mort, gold (\$400,000 end. by	Lehigh V. RR.).	114	1872 1870	100 &c.	600,000 1,500,000	7 g. 7 g.	M. & S. M. & N.	do do	Mar. 1, 188 May 1, 196
Southern Iowa & Cedar Rapids—1s Southern Minnesota—1st mortgage	construction	170	1868	1,000	3,332,000	7	J. & J.	N Y., Company's Office	1888
Southern Pacific (Cal.)—1st mort	gold, land gr	712	1875	500 &c.	29,300,000	6 g.	A. & O.	N. Y., C. P. Huntington.	April 1, 19
Southern Pennsulvania—18t morts	age. gold	24		100	625,000 3,892,300	7 g. 312	M. & S.	Savannah, Cent. RR. Ga.	Mar. 1. 196 Dec. 20, 187
Southwestern (Ga.)—Stock, guaran Company bonds, convertible into	ray per annum	257		100	399,000	7	Various	Macon.	1886
Spartanburg & Asheville—1st mort	gage, gold	30	1876	100 &c.	400,000	7 g.		Charleston& New York.	Jan. 1, 189
Staten Jeland-1st mortgage		13			300,000	7	T	Non Vanle	1885
Sterling Mountain (N.Y.)—1st mor	tgage	$\begin{array}{c} 7^{1}_{2} \\ 30 \end{array}$	$\begin{array}{c} 1865 \\ 1875 \end{array}$	1,000 500 &c.	350,000 500,000	7 5	J. & J.	New York. N Y., Central Pacific.	January, 19
Stockton & Copperopolis—1st mort Syracuse Binghamton & N. Y.—Sto	. (guar. by C. P.)	81	1875	100	2,004,000	2	J. & D.	N.Y., D. L. & W. RR. Co.	August. 18
2d mortgage (now first)		81	1867	1,000	270,000	2 7	J. & D.	do do	June, 188
Consol. mortgage (guar. D. L. &	W.)	81	1876	1,000	1,750,000	7 3	A. & O.	do Philadelphia & Boston.	Oct. 1, 190 Aug. 16, 18
Summit Branch (Pa.)—Stock		20 20		50	4,125,000 1,000,000	7	J. & J.	Boston, N. Y. & Phila.	Jan. 1, 190
1st mortgage bonds Terre Haute & Indianapolis—Stock		113		50	1,988,150	4	J. & J.	N.Y., Farmers L.& T.Co.	Aug. 1, 18'
1st mortgage Bonds of 1873 (for \$1,600,000)	,	73	1869	1,000	800,000	7	A. & O.	1	July, 187 1893
Bonds of 1873 (for \$1,600,000)	wt co co		1873	••••	800,000 500,000	7			1033
Terre Haute & Logansport.—1st mo Texas & N. Orleans of '74—1st mor	rtgagetg. land gr., coup	106	1875	1,000	1,050,000	7	F. & A.	New York, Co.'s Office.	Aug. 1, 19
Porge & Pacific_1st mort. gold. Co	nn.(\$8,000 pm.) -	444	1875	1,000	3,552,000	6 g.	M. & S.	Phila., N. York & London	March 1, 19
2d mort., consol., gold, coup. (\$1 Income and land mort., reg. (7,6	7,000 p. m.)	444	1875	1,000	7,548,000	6 g.	J. & D.	do do New York& Philad'phia	June 1, 191 Jan. 1, 191
Income and land mort., reg. (7,6 Toledo, Peoria & Warsaw—1st mor	toage (W. Div.)	$\begin{array}{c} 444 \\ 116 \\ 12 \end{array}$	$\begin{array}{c} 1875 \\ 1866 \end{array}$	1,000 1,000	6,994,000	7		New York, Co.'s office.	
1 at mortgage (E. Div.)		11034		1,000	1,600,000	7	J. & D.	do do	Dec. 1, 18
2d mortgage (W. Div.) convertib	e	116^{1}_{2}		1,000	1,300,000	7	A. & O.		April 1, 18
Consolidated mortgage (for \$6.2	00,000)	$\begin{array}{c} 227 \\ 10 \end{array}$	$1870 \\ 1871$	1,000 1,000	1,500,000 250,000	7	M. & N. J. & D.		May 2, 19 June 1, 19
1st mortgage (Burlington Div.)	1		1011	100	1,609,000		F. & A.	Troy, Company's Office.	Aug. 1, 18
Troy & Boston—Stock		35	1874	1,000	1,384,000		J. & J.	N. Y., Nat. B'k of Com.	1894
Convertible honds			1878	500 &c.	650,000	1	M. & S.	1	1882
New mortgage bonds (for \$1,000 Troy Union—1st mortgage, guara	nteed. Troy City.	21 ₈	1878		680,000	6			
Imam Pacitic—Stock		1.042		100	36,762,300	112		New York and Boston.	
1st mortgage, gold, on road and	equipment	1,038	1866-9		27,231,000	6 g.	J. & J.	U.S. Treas., at maturity.	1896 to 18
2d do (government subs 3d do on road (2d on lar	d) sinking fund	1.038	1874	1,000	27,236,512 13,639,000	8	M. & S.	New York and Boston	. Mch. 1. 18
Land grant bonds on 10.764.947	acres	-,,,,,	1867-9		6.884.000	7	A. & O.	New York and Boston.	1887
Omaha bridge bds. st'g. (s.f. abo	ut \$50.000 yriy).	****	1871	£200	2,121,000	8 g.	A. & O.	London, L. & S. Fr. Bk. N. Y., Company's Office.	April, 189 May 1, 18
Union Pacific, Central Branch-1e 2d mertgage (government subsid	t mort., gold	$\begin{array}{c} 100 \\ 100 \end{array}$	1866 '66-7-8	1,000	1,600,000 1,600,000	6 g.	M. 66 14.	U.S. Treas., at maturity.	1896, 97,
United N. J. RR. & Canal Compan	ies—Stock	379		100	20,190,400	212	QJ.	Phila. and N. Y. Offices.	Jan. 10, 18
General mortgage, gold, coupon.			1871	1,000	5,669,000	6 g.	M. & S.		Mch. 1, 19
United Co.'s mortgage, sinking to sterling loan mortgage	una, registerea	••••	1871 1871	••••	2,000,000 1,846,000	6 g.	A. & O. M. & S.	London.	Oct. 1, 18 Mch. 1, 18
do sterling loan mortg	ge, sinking fund		1871		1,800,000	6 g.	M. & S.	do	Mch. 1, 18
do dollar loan, mortga	ge		1871		154,000	6	F. & A.		Feb. 1, 18
Joint Co.'s mortgage, sterl'g, s	. fd. (£138,500).		1834-7	• • • • • • • • • • • • • • • • • • • •	119,548		F. & A.		1880 Feb. 1, 18
do plain bonds do do					866,000		J. & D		Jan. 1, 18
do consol, mort, (sink's	fund after 1880)		1862		5,000,000	6	M. & N		Nov. 1, 18
N. J. RR. & T. Co., 3d loan due S	tate of N. J		1868		109,000	1	A. & O.	N. Y., B'k of Commerce.	Overdue 12 p. c., 187
Utah Central—Stock 1st mortgage, gold		3612	1870	1,000	1,000,000		J. & J.	Salt Lake City.	Jan. 1, 18
Ttah Northern.—1st mortgage		210	1878	1,000	2,520,000	7	J. & J.	New York.	July 1, 19
Mah & Pleasant Valley1st mort	gage	60	1879		300,000		T	N V Vountee Puce	Tule 1 15
Ttah Southern-1st mortgage, cou	pon	75 168	1871	1,000	$\begin{array}{c c} 1,500,000 \\ 1,771,720 \end{array}$	7 2	J. & J. M. & S.		July 1, 18 Sept. 28, 18
Utica & Black River—Stock 1st mortgage bonds of July, 186	8	75	1868	100	200,000		J. & J.	Utica and New York.	July. 187
Mortgage bonds, 2d issue		87	1871		912,000	} 7	J. & J.	do do	July. 180
Tica Chenango & Susquehanna	alley-Stock	$\frac{98}{73}$		100	4,000,000			. N. Y., D. L. & W. RR. Boston, E. Blake & Co	May 1, 18
		1/3			3,000,000	4	10. 00 D	I DOSTOLI, EL DINKE & CO	· uuno I, Ic
Vermont & Canada-Stock	Central		1871						July 1. 18
Vermont & Canada—Stock Bonds, guaranteed by Vermont Mortgage bonds Missisquoi Railroad bonds	Central	73	1871 1879	500 &c.		8		Boston, Alobe Nat. Bk. Boston, Globe Nat. Bk.	

Sioux Cl/y & Pacific.—Div. of 3% on pref. stock paid October 1, 1879. (V. 27, p. 96, 253, 374)

Somerset.-This road is leased to Maine Central. Somerset.—This rend is leased to induce the state South Carolina.—Receiver appointed Sept., 1877. Gross earnings Oct. 1 to April 1, 1878 9, \$649,353; operating expenses, \$310,160; net earnings, \$239,358. A proposal is made for concessions by 2d mortgage bondholders. (V. 27, p. 42, 253, 201; V. 23, p. 555, 500; V. 29, p. 632) 5:0; V. 29, p. 632.)

South & North Alabama.—Operated by Louisv. & Nashv., 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. Reorganized as Brooklyn & Montauk. (V. 27, p. 85; V. 28, p. 580; V. 29. p. 19, £6, £32.)

Southern Central.—Forms an extension into New York State for Lehigh Valley, which company endorses \$400,000 of second mortgage tonds. Net earnings in 1878-9, \$102,162; in 1878, \$142,906. (V. 23, p. 62?.)
South Iowa & Cedar Rapids.—In progress. Ot-

tumwa to Cedar Rapids, Ia

Southern Minnesota.—Sold under 2d mortgage and re-organized March, 1877. There are yet out \$220,000

re-organized March, 1877. There are yet out \$220,000 old 1st mort. 7s (pink), due 1884. Land grant is about 1,790,000 acres. Net earnings in 1878, \$211,132, against \$295,666 in 1877. (V. 27, p. 67, 358, 515; V. 28, p. 451; V. 29, p. 383, 460.)

Southern Pacific (Cal.)—This road is leased to Cen'ral 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 \$36,762,900. In 1878 the gross earnings were \$4,327,086 and net earnings, \$2,155,704. (V. 26, p. 209,315; V. 27, p. 321, 409.)

Southern Pennsulvania.—Re-organized in 1872

Southern Pennsylvania.—Re-organized in 1872 after foreclosure under 2d mortgage. The road is leased by Cumberland Valley.

Southwestern Georgia.-Leased to Central Georgia. ividenda 8 a year to every 10 per cent on Central

Georgia stock, but 7 per year guaranteed. partite" bonds issued; see Central Georgia. Staten Island.-Local road. Earnings,

\$253,911 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, 1877-9, \$179,099. (V. 26, p. 316; V. 27, p.

Summit Branch.-This is a coal road, and leases Lykens Valley. Not earnings in 1878, \$12,972 (V.

25. p. 113.)
Terre Haute & Indianap.—Net earnings in 1875-6. **Terre Haute & Inaianap.—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 Logansport Crawfordsville & S. W., sold in foreclosure Sept., 1879, and re-organized. (V. 29, p. 116, 252, 277, 456)

277, 459.)
Texas & New Orleans of 1874.—The company has Texas & New Orleans of 18/4.—The company has a l'd gr. of 875,000 acres timber and agricultural lands.

Texas & Pacific.—Gross earnings, 1878-9, \$2,136,-143; net, \$738,630, against \$882,871 in 1877-8. Of old land bonds \$773,000 are yet out, and \$131,915 coupons. (V. 26, p. 316; V. 27, p. 42, 149, 226, 384, 515, 568, 653; V. 23, p. 171, 299, 358, 564, 621, 632, 652.)

Texas Western—This parrow-gauge road is in

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. To be sold in foreclosure. In 1876-7 net earnings were \$56,415. (V. 27, p. 63, 409, 515. 603; V. 28, p. 69, 429; V. 29, p. 68, 383, 408, 539, 6J8, 632.)

Troy & Boston.—With leased roads forms a line from Troy, N.Y., to North Adams, Mass. In 1877-78, gross earnings were \$560,313; net, \$274,747. There

gross earnings were \$560,313; net, \$274,747. There are \$119,000 of old 1st and 2d mortgage bonds yet

outs anding. (V. 23, p. 119.)

Toy Union.—A short road in Troy city. Bonds issued by city and guaranteed by several roads.

Union Pacific.-Gross earnings in 1878 (including Omaha Bridge) were \$13,121,272, against \$12,473,203 in 1577, and \$12,883,853 in 1576; net earnings, \$7,744,686, against \$7,192,732 in 1877, and \$7.618,647 in 1876. Land sales during 1578, \$18,903 acres, for \$1,557,082. Land contracts outstanding and cash, January 1, 1879, \$4,184,214. Land sales Jaz. 1 to Nov. 1, 18 9, 220,781 acr s, for \$9 6,881. (V. 27, p. 42, 96, 97, 122, 149, 193, 229, 253,274, 381, 480, 629; V. 23, p. 44, 70, 121, 147, 100, 252, 328, 429, 477, 495, 555; V. 29, p. 434, 513, 653.)

Union Pacific Central Branch.—Formerly the Atchison & Pike's Peak. Interest in default since November, 1873. Gross earnings 1875-73, \$114,414; expenses, \$131,500. (V. 27, p. 96, 253, 274, 539; V. 23, p. 454, 477, 553; V. 23, p. 95, 85%)

United New Jersey Railroad & Canal Companies .-Leased to Pennsylvania Railroad, October 20, 1871, bilities. In 1877 the gross earnings were \$8,960,696; net income, \$2,954,521, leaving a deficit for lessees of \$1,433.168 after paying interest and dividends. (V. 24, p. 516; V. 25, p. 349, 433, 458, 476; V. 26, p. 215, 394.)

Uah 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

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, \$475,508; net, \$184,977 (V. 26. p. 141; V. 27, p. 124; V. 28, p. 96; V. 27, 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 subscription 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.)

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

DESCRIPTION.	1	9-111	9 - IR 18E C	(
	- Mile	s Date		Amount	1		T OR DIVIDENDS.	Bonds—Princi pal, When Due
For explanation of column headings, &c., see note at the head of first page of tables.	8 of Road	d. Bonds	Par Value.	Outstanding	Rate pe Cent.	When Payab		Stocks—Last Dividend.
Vermont Central-1st mortgage, consolidated		1866		\$3,000,000	7	M. & N	B ston, Nat. Bk of Redn	Nov. 1, 1886
2d mortgage, consolidated		1866	100 &c.	1,500,000	7	J. & I). do do	1891
Equipment loans. Stanstead, S. & Chambly bonds.		1 100			8	M. & N. J. & J.		1876 to 1889
Income and extension bonds (to pay float'g debt)		1		1.508,600	7 8	M. & N		Jan. 1, 1887 1902
Vermont & Massachusetts-Stock	. 80		100	2.860.000	3	A. & C	Boston, Office.	Oct. 7, 1879
1st mortgage (sinking fund \$7,000 per year) Convertible bonds	1	1070	1.000 &c.	550,000 150,000	6	J. & J	do do	July 1, 1883
Vicksburg & Meridian-1st series (red endorsed)	140			703,500	3 6 7 7 7	J. & J	do do Phila., Girard Nat. B'k.	July 1, 1885 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	1966	1,000	145,000	7	J. & J		Jan. 1, 1890
Special loan, funding mortgage. Wabash St. Louis & Pacific—Stock, common	140	1871	100 &c.	1,180,600 217,400	8	A. & O. J. & J	do do do	Jan. 1, 1890 1880
Wabash St. Louis & Pacific—Stock, common	1,550		100	20,000,000			1	1000
Preferred stock, 7 per cent, (not cuumulative)	75	1853	1,000	20,000,000		E & A	N N M	
do 1st mort. (Lake Erie, Wab. & St. L.)	167	1853	1,000	900,000 2,500,000	7	F. & A	N. Y., Metropolitan B'k.	
do 1st mort. (Great Western of 1859)	180	1863	1,000	2,495,000	7	F. & A	do do	Aug. 1, 1890 Aug., 1888
do 1st mort. (Quincy & Toledo)	33 29	$ \begin{array}{c} 1865 \\ 1862 \end{array} $	1,000	500,000	7	M. & N		Aug., 1888 Nov. 1, 1890
do 2d mortgage (Toledo & Wabash)	75	1858	250 &c.	300,000	7	F. & A M. & N		Aug. 1, 1882
do 2d mortgage (Wabash & Western)	167	1858	100 &c.	1,500,000	7 7 7 7 7 7 7	M. & N	do do	Nov. 1, 1878 Nov. 1, 1878
do 2d mortgage (Great West. of 1859) do Consol. M., (on all but Dec. & E St.L.)	180 490	1859	1,000	2,500,000	7	M. & N	do do	May 1, 1893
do 1st mort (Decatur & E. St. Louis)	109	1867 1869	1,000	$2,610,000 \\ 2,700,000$	7	Q.—F. F. & A	do do do	Feb., 1907
do Funded debt bds (sec. by dep'sit of coups.)		1877	500 &c.	2,893,000	4 & 7	F. & A	do do	Aug., 1889 Feb. 1, 1907
do New M., gold, s. f. \$25,000 after '82 St. L. K. C. & No., 1st mort. (North Missouri)		1879	1,000	2,000,000	7 g.	A. & O.	ob ob	April 1, 1909
do real estate & railway 2d mort	$\begin{array}{c} 354 \\ 354 \end{array}$	$ \begin{array}{c} 1865 \\ 1874 \\ \end{array} $	1,000	6,000,000	7	J. & J. M. & S.	N.Y., Nat Bk of Com'rce	July 1, 1895
do 1st & 2d M.on St. Char. Bridge, coup.or rg		1878	1,000	1.388.500	7 2.	A. & O.		Sept. 1, 1904 Oct. 1, 1908
do 1st M., Omaha Div., gld, s. 1., coup.or rg arren (N.J.)—Stock	146	1879	1,000	2,350,000	7 9.	A. & O.	do do	April 1 1010
2d mortgage	18 18	1855 1870	100	$1,800,000 \\ 750,000$	7 312	A. & O. A. & O.	N.Y., Del., L. & W. RR.	Oct., 1879
lst consol. mortgage	18	1875		600,000	7	M. & S.	do do	1900 1905
ashington City, Va. Mid. & Gt. Southern—Stock 1st mortgage, O.& A., and funded interest		1871	100	2,692,539				
2d mortgage, O. & A., do do		1855		$\begin{bmatrix} 525,070 \\ 1,657,652 \end{bmatrix}$	6	M. & N. J. & J.	Balt., R. Garrett & Sons	Nov. 1, 1866
3d mortgage, O. & A., do do		1858		817,800		M. & N.	do do	Jan. 1, 1875 May 1, 1873
th mortgage, O. & A., do do st mortgage, O. A. & M. RR		1860		1,200,000	8	M. & S.	do do	Sept. 1, 1880
2d mortgage, O. A. & M. RR.	••••	1867		1,650,000 $133,050$	- 7	J. & J. J. & J.	do do	July 1, 1880
Gen. mort., gold. Wash. C., Va. Mid. & Gt. South'n	336	1873		1,000,000	7 g.	M. & N.	do do	July 1, 1882 May 1, 1903
Lynchburg & Danville, 1st mort., guar., coup estchester & Philadelphia—Preferred stock	65^{1}_{2}	1871	500 &c.	1,310,000	6	A. & O.	do do l	April 1, 1896
st mortgage, new	27	1871	100 &c.	$821,300 \mid 1,100,000 \mid$	3 7	J. & J. A. & O.	Pilladelphia, Office.	July, 1879
est Jersey—Stock	128		50	1,359,750	2	F. & A.	Phila Pa.RR.Co. Office	April 1, 1891 Nov. 17, 1870
oan of 1883, guaranteed by Camden & Amboy	60	1861	500 &c.	400,000	0 1	MI. OL D.	ao ao	Mch., 1883
st mortgage loanst do consolidated	38 63		500 &c. 500 &c.	1,000,000	6	J. & J. A. & O.	do do	Jan., 1896
Cape May & Millville	41	1	000 ac.	500,000	7	A. & O.	do do	Oct., 1890
estern & Atlantic (Ga)—Income bonds	138	1873	1,000	736,000	10	Q-J.	Atlanta, Co.'s Office.	Oct. '79 to '91
Vestern RR. bonds, before consolidation	$\begin{array}{c c} 116 \\ 44 \end{array}$	1866 1868	• • • • •	300,000 600,000	8 8	J. & J. A. & O.	New York & Savannah.	July. 1881
d mortguar. by Cent. of Ga. and Ga. RR. & B. Co.	160	1870		1,200,000		A. & O.	do do	Oct. 1, 1888 Oct. 1, 1890
stern Maryland—1st mort., endorsed Balt. City	90	1858		200,000	6	J. & J.	Balt., N. Mechanics' B'k	Jan. 1, 1890
st mortgage, unendorseddd do endorsed by Baltimore	90	1867	••••	400,000 300,000		J. & J. J. & J.	do do	Jan. 1, 1890
d do endorsed by Washington County	90			300,000		J. & J.	Hagerstown.	Jan., 1890 Jan., 1890
d preferred mortgage, unendorsedd d mortgage, endorsed by Baltimore	90	1868	-1111	600,000		J. & J.	Balt., N. Mechanics' B'k	Jan., 1895.
th do endorsedby Baltimore	90	1870 1872	1,000	1,000,000	6	J. & J. J. & J.	do do	9 Jan., 1900
stern Pennsylvania—1st mortgage	57	1863	500 &c.	800,000		A. & O		Jan., 1902 April 1, 1893
st mortgage, Pittsburg Branch	28	1865	100 &c.	1,000,000	6	J. & J	do do	Jan. 1, 1896
eneral mortgage	4	1870	••••	1,200,000 350,000		A. & O M. & N	ao ao	Oct. 1, 1901
lmington, Columbia & Augusta-1st mortgage	188		500 &c.	3,200,000		I. & D	New York, J. M Pickrell Balt., Safe Deposit Co.	May 1, 1900 June, 1900
ncome bonds	::::			600,000		1	care Deposit co.	June, 1500
Imington & Weldon—Stockterling bonds	$\frac{179}{179}$	****	100	1,456,200		J. & D		Nov. 22, 1879
do do				$648,700 \\ 221,400$	7 8. 1	M. & N.	London.	1881 1886
do do inking fund bonds, gold				749,000	7 g. 'J	J. & J.	N.Y., Bost., Lond., Frank	189 6
sconsin Central—1st mortgage, gold, land grant.	327	1871	****	8,168,000	7 g. J	J. & J.	Boston, Office.	July 1, 1901
rcester & Nashua-Stock	$\frac{90}{94}$	1979	100	1,075,000 1,789,800	7 1	J. & J.	Boston.	
Sonds (\$125,000 are 7 per cents)			100	350,000	5	Various	do do	July 1, 1876 1821 & 1887
BondsBonds		1873		250,000	5	A. & O.	Bost., Globe Nat. Bank.	April 1, 1893
Tashua & Rochester—Stock	48	1875	• • • •	400,000 1,185,000	5	. & A.		Feb. 1, 1895
do do 1st m., guar. (for \$700,000)	11.00	1874	500 &c.	700,000		1. & O.		Oct., 1879 April 1, 1894
			, 1	1	. 1			

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

Vermont & Massachusetts.—This road is leased to the Fitchburg RR. Co. for 999 years, from Jan. 1, 1874, for interest on the debt and 5 per cent on stock till 1839, and 6 per cent for the remainder of the lease, exclusive of all taxes.

Vicksturg & Meridian.—Net earnings 1878-9, \$7.,314, against \$123,364 in 1877-8. The only coupons paid since April, 1876, were those maturing January, 1878, and the special loan coupous of January, 1877. (V. 27, p. 67; V. 29, p. 955.)

Wabash St. Louis & Pacific..—Wabash was consolidated with St. Louis Kansas City & Northern. Nov., 1879. Pr ferred 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, \$2, 25,0.0 carry 5 per cent in 1879-90 and 6 per cent thereafter; the balance are 7 per cents. (V. 27, p. 17, 68, 437, 515, 540, 563; V. 28, p. 200, 224, 350, 354, 402, 429, 495, 554, 600, 617; V. 29, p. 19, 42, 86, 121, 171; V. 29, p. 226, 408, 460, 513.) The St. Louis Kansas City & Northern gross earnings in 1873 were \$3,321,495; net, \$1,347,500. First mottage on St. Charles Bridge is for \$1,000,000, and is 7 per cent for 8 years and 8 per cent for 27 years. Omaha Div. completed Oct., 1879. (V. 26, p. 68, 288, 471; V. 27, p. 332, 488, 515; V. 28, p. 200, 259, 275, 299; V. 29, p. 19, 42, 121, 147, 278, 403, 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, Virgin'a Midland & Great Southern.—Gross earnings year ending Sept. 30, 1878, \$1,218,017; expenses, \$803,0.0; net earnings, \$415,117. The company has been assisted by Balt. & O. The president. Mr. John S. Barbour, was appointed receiver in July, 1876. Interest in default, but receiver ordered to make certain payments. Full statement of liabilities and condition of litigation in V. 28, p. 70. (V. 27, p. 332, 437; V. 28, p. 70, 147, 555; V. 19, 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. 1 1 6.)

West Jersey.—Gross carnings, 1878, \$503.233; expenses, \$305, \$26; net, \$197.4 b. Net profit above interest and rentals, \$6,241. (V. 24, p. 249; V. 26, p. 263.)

Western & Atlantic—This road is owned by State of Georgia, and leased at \$500.000 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.)

Weslern Maryland.—This company was largely assisted by the city of Baltimore. Proposition to bondholders, V. 28, p. 121. Adjustment of bonded interest was made as per annual report for last fiscal year, to Sept. 30, 1879, which showed gross receipts, \$347,442; expenses, \$274,847; net receipts, \$13,095. (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.)

Wil'iamston & Tarboro.—Road in progress. No recent financial information.

Wilmington Columbia & Augusta.—Road was sold in foreclosure, October, 1879, for \$860,500. (V. 26, p. 268, 333; V. 27, p. 68, 438; V. 23, p. 351.)

Wilmington & Weldon.—Formerly leased to Wilmington, Columbia & Augusta road, but in Dec., 1877, default was made by lessee and property reverted. In 187-8 gross receipts were \$487,815; net. \$175,645. (V. 26, p. 68, 420, 496; V. 28, p. 44, 144.)

Wisconsin Central.—Of the above bonds, \$1,091,500 are 'unfunded," bearing coupons of July, 1875, and since; \$4,594,000 have funded nine coupons, including July, 1879; \$3,481,500 are "clipped" bonds, first coupon due Jan., 1881; \$15.00) are partially "clipped" bonds, issued by mistak, with coupon of July, 1830, 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. 26, p. 18; V. 27, p. 358, 375, 480; V. 28, p. 16, 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 \$33,060. (V. 25. p. 430; V. 27, p. 557; V. 28, p. 878; 7. 29, p. 86,539.)

DESCRIPTION.	Miles	Date	Size, or	× *	IN'	TEREST	OR DIVIDENDS.	Bonds-Frinci
For explanation of column headings, &c., see notes at the head of first page of tables.	of Canal.	of Bonds.	Par	Amount Outstanding	Rate per Cent.	When Payable	Where Payable, and by Whom.	pal, When Due Slocks—Last Dividend.
Thesapeake & Delaware—Stock	14	1856	\$50 Vario's 25	\$2,078,038 1,993,750	3 6	J. & D. J. & J.	Philadelphia, Office. do do	June, 1873 July, 1886
Maryland loan, sinking fund				8,229,594 2,000,000	6	Q- J.	Balt., A. Brown & Sons	1870
Bonds having next preference. Claware Division—Stock, (Conv.into L.C.&N.stck.)				4,375,000 1,699,500	5 6	Q-J. J. & J.	London. Balt., A. Brown & Sons	
1st mortgage (extended 20 years in 1878)	60	1858	1,000	1,633,350 800,000	² 8.	F. & A. J. & J.	do do	Aug. 4, 1879 July 1, 1898
Celaware & Hudson—Stock	148		100	20,000,000 1,482,000	47	M. & N.	N. Y., Bk. of Commerce	Aug. 1, 1876 Nov. 1, 1891
1st mortgage, registereddo do	148 148	1869 1871	1,000	3,500,000 6,482,000	7 7	J. & J. J. & J.	do do	1884 1891
Debenture loan of 1894, coup and reg		1874 1877	1,000 1000&c.	4,856,000 5,000,000	7 7	A. & O. M. & S.	N. Y., office 71 B'way	1894
Lehigh Coal & Navigation—Stock Loan, conv., coup., gold (assumed L. & W. Coal Co)	153		1,000	11,193,550 771,000	$\overset{1}{6}\overset{1}{g}.$	Q-M. M. & S.	Philadelphia, Office.	Sept. 1, 1917 Sept. 2, 1876
1st mortgage, registered. 1st mortgage, registered, railroad.			1,000	5,381,963 2,000,000	6 6	Q-J. Q-F.	do do	1894 1884
Mort. loan, g. (\$2,310,000 assumed C. RR. of N. J.) Loan		;	1,000	4,658,500	6 g.	J. & D.	do do	1897 1897
Loan extension, convertible till December, 1877.	••••	1872	1,000 1,000	508,520 41,550	6	J. & D. J. & D. J. & D.	do do do do	'79-80-'81-'82 1882
Consolidated mortgage loan. Greenwood mortgage, reg. Extended, 1877 Torris—Stock, consolidated		$1871 \\ 1872$		2,119,259 717,000	7	F. & A.	do do	June 1, 1911 1892
Proferred stock	103 103	••••	100 100	1,025,000 $1,175,000$	$egin{array}{c} 2 \ 5 \ 7 \end{array}$	F. & A.	Leh. Val. RR. Co., Phila do do	Aug. 4, 1879 Aug. 4, 1879
New mortgage (for \$1,000,000) Boat loan	103 103	$1876 \\ 1865$	1,000 various.	780,000 220,000	7 7	A. & O. A. & O.	do do	April 1, 1906 Oct., 1885
Preferred stock scrip dividend	327	1869	various. 50	103,164 4,480,405	7	F. & A.	do do	Feb., 1889
General mortg., interest guar'd by Penn. RR	327 108	1870	1,000	3,000,000	6 70c.	J. & J. F. & A.	Philadelphia, Office. Philadelphia, Office.	July, 1910
Preferred stock. 1st mortgage, extended			50 1,000	3,175,900 $1,709,380$		F. & A.	do do	Aug. 6, 1879 Aug. 6, 1879
2d mortgage	(E)	•••• ;	1,000	3,990,392	6	QM. J. & J. J. & J.	do do	March, 1897 1882 to 1907
Mortgage bonds, coup. (payable by P. & R.) Improvement bonds		1870	1,000	1,200,000 260,000	6	M. & N.		1895 May, 1880
Boat and car loan Boat and car loan Start		$1863 \\ 1864$	1,000 1,000	756,650 628,100	$^{6}_{7}$	M. & N. M. & N.	do do do do	May, 1913 May, 1915
usquehanna—Stock Maryland loan, 2d mortgage. Susquehanna Canal, common bonds, 3d mort	45	1839	50	2,002,746 $1,000,000$	6	J. & J.	Phila. and Baltimore.	Jan., 1885
do pref., 3d. T. W. priority b'ds		1859 1841-4		$1,320,000 \\ 325,310$	6	J. & J. J. & J.	do do do	Jan. 1, 1878 Jan., 1894
do bonds of 1872	85	1872		250,000 3,000,000		J. & J. M. & N	do do Philadelphia, Office.	Jan., 1902 May 1, 1883

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

Chesapeake & Ohio.—Gross receipts, 1873, \$289,457; net, \$52,525. (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. 23, p. 41, 198.)

Del. & Hudson Canal.—This Co., which is among the largest miners and carriers of coal, leases the Alb. & Susq. and Renss. & Sar. Railroads. Also endorses bonds of N. Y. & Canada RR. Annual report, 1878, V. 28, p. 501. (V. 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., \$1,326,113; 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 Rail:oad. 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 bas 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. RR. which guarantees interest on bonds. An old mortgage of \$90,000 is due in 1887.

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

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

Union Canal.—Stock, \$2,907,850.

DANIEL A. MORAN,

(MEMBER OF THE NEW YORK STOCK EXCHANGE.)

27 PINE STREET, NEW YORK.

DEALER IN

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

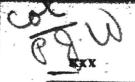
THE VARIOUS ISSUES OF

UNITED STATES GOVERNMENT BONDS

BOUGHT AND SOLD.

COUPONS AND DIVIDENDS COLLECTED, ETC.

CORRESPONDENCE SOLICITED.



DESCRIPTION.	Date of	Size or	Amount	1		Bonds-Principal	
or explanation of column headings, &c., see motes at the head of first page of tables.	Bonds.	par Value.	outstanding	Rate.	When Pay'ble	Whfee Payable, and by Whom.	When Due. Stocks—Last Div dend.
dams Express Company—Stock.		\$100	\$12,000,000	2	Q-M.	N. Y., Company's Office.	Sept. 1, 1879
Imerican Express—Stock		100		2	J. & J	N. Y., Company's Office.	Jan. 2, 1880
Imerican Coal (Maryland)—Stock.	• • • •	i a 25	1,500,000	212	M. & 8	New York, Office.	Sept. 10, 1877
merican Union Telegraph—Stock Gantic & Pacific Telegraph—Stock	••••	-:	(3)		1		20pt. 10, 10.
belon Land Co.—Stock.		100		34 & 14 61	Q.—J.	New York.	Dec. 30, 1879
water Water Power.	••••	10					200. 20, 10,5
Mortgage bonds (for \$2,800,000)	1074	50		10 s.		Boston, Office.	Nov. 12, 1872
unton Improvement Company—Stock	1874	1,000		7	J. & D.	do	June, 1884
Sterling bonds (sirk.f'd one-fifth of land sales)	1873	164				1 22202 . 1222 2	3 1110
Mortgage bonds, gold, sixes (for \$2,500,000)	1874	£200		6 g.	J. & J.	· London, Brown S. & Co.	Jan. 1, 1904
Un. RR., 1st M., end. (8. f., rents on \$220,163)		1,000	1,073,000	6 g.	J. & J.	New York or London	Jan. 1, 1904
do 2d M. g. end (a f grindrints on \$144 800)		500 &c		. 6	J. & J.	*********	
do 2d M.,g.,end.,(s.f. gr'ndr'nts on \$144,800)		500 &c.	600,000	6 g.	M. & N.	London.	1900
sst mortgage (convertible)	1864	100	10,250,000	2^{12}	M. & S.	N.Y., Co.'s Office, 71 B'y.	Jan. 2, 1877
lst mortgage, consolidated, convertible	1872	1,000	387,000	7	J. & J.	do do	Jan., 1885
emberland Coal & Iron Company—Stock		1,000	753,000	- 6	J. & J.	do do	Jan. 1, 1897
weekly & Dubuque Bridge—Bonds, sink, fund	1868	1,000	500,000	6	A. & O.	New York, Office.	Oct. 15, 1875
velsior Water & Mining CoStock	1000	100	400,000 10,000,000	8	M. & N.	N. Y., at Ill. Cent. R. R.	Nov., 1893
un RR. Land CoStock		100	7,600,000		\		
ariposa Land & Nining Company-Stock	••••	100	7,620,000 10,000,000	1	Q.—F.	Boston, Treasurer's Office.	Feb. 1, 1879
Preferred stock	••••	100		••••	• • • • •	**************	
Mortgage bonds (for \$500,000)	1875	1,000	5,000,000	•	T		
ruland Coal—Stock	1070	100	4,400,000		J. & J.	New York.	Jan. 1, 1886
m Central Coal-Stock	••••		4,400,000	112	••••	••••••	Jan. 31, 1876
tario Silver Mining-Stock		100	10,000,000	••••			
dario Silver Mining—Stock egon Railway & Navigation Co.—Stock		100	4,455,300	2	••••	St. Louis.	
MORTONO HONOR COLO	1879	1,000	4,795,006	6 g.	T & T	N X Downson V A CT	Nov. 15, 1879
cific Mail Steamship Company-Stock		100	20,000,000	6 g.	J. & J.	N.Y., Farmers' L. & Tr. Co.	July 1, 1909
cific Mail Steamship Company—Stock	••••	50	5,000,000	3	QF.	N V 111 D	Sept., 1868
at mortgage bonds. nusylvania Anthracite Coal—Stock	1861		481,500	7	F. & A.	N. Y., 111 Broadway.	. (9)
musylvania Anthracite Coal—Stock			2,000,000	C.		do do	Aug. 1, 1881
st mortgage (east side) bonds on 1.053 acres	1872	1,000	1,000,000	7	J. & D.	N. Y., 4th National Bk.	T
at mort. (west side) on 400 acres & 550 leased	1872	1,000	500,000	7	J. & D.	N. 1., 4th National Br.	June 1, 1892
ducers' Consolidated L'd & Petroleum-Stock	••••	100	2,500.000	6	Q.—J.	New York, Office.	June 1, 1892
Uman Palace Car—Stock		100	5,938,200	2	QF.	N. Y., Farm L. & T. Co.	1877
ends, 2d series.			328,000	8	M. & N.		Nov. 15, 1879
onds, 3d series.			445,000	8	F. & A.	do do do	May 15, 1881
londs, 4th series	• • • •		820,000	8	QF.	do do	Feb. 15, 1887
onds, debenture.	1878		199,000	8 7	A. & O.	do do	Aug. 15, 1892 Oct. 15, 1888
onds, sterling debenture, convertible	1875	£100	218,000	7 g.	A. & O.	London, J. S. Morgan & Co.	April 1, 1885
cksuver Mining Company—Common stock	••••	100	5,708,700			or or or or or or or	April 1, 1000
referred stock.	• • • •	100	4,291,300				••••
dhern & Atlantic Tel.—Guaranteed stock	••••	25	948,000		A. & O.	N.Y., West. Union Tel.	April, 1879
g Mountain Coal-Stock, guar. 7 p.c. by L.V.		50	1.500,000	312	J. & D.	N. Y., Company's Office.	Dec. 10, 1879
Louis Bridge—1st mortgage, new, s.f	1878	1,000	5,000,000	7	A. & O.	New York and London.	April 1, 1928
unnel PR. of St. Louis, stock.			1,250,000	2		·······	Nov. 17, 1879
ro Tennel—Stock	****	10	18,920,000				107. 17, 1073
ortgage bonds (for \$2,000,000)	1879	• • • • • •	600,000	i		London.	Jan. 1, 1891
ited States Express—Stock		100	7,000,000	2		New York, Office.	Aug. 15, 1879
We Forgo & Company Frances Stock		-:	5,000,000		M. & S.	New York and London.	Mar. 1, 1879
lls, Fargo & Company Express—Stock	••••	100	6,250,000	4	I. & J.	New York, Office.	Jan. 15, 1886
eal estate bonds, gold, sinking fund	1070	100	41,050,000 1	&&1 ex	Q.—J.	New York, Office.	Jan. 15, 1880
	1872	1,000	1,373,000	7 g.	M. & N.	N. Y., Union Trust Co.	May, 1902
terling bonds, coup. (s. f. 1 p.c. per annum)	1875	1,000	3,920,000	7	M. & N.	N. Y., Treasurer's Office	May, 1900
ARRIMIE COURT COURT OF IT I D.C. DEF HIIIIIII).	1875	£100&c	981,234		M. & S.	London, Morton, R. & Co.	

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

American Coal.—There are mortgage bonds for \$114,3 0 The report for 1876 showed gross receipts, \$331,570; net deficit for year \$3,503. Americ in Union Te egr. ph Co.-V. 29, p. 17, 461,

Atlantic & Pacific Telegraph.-Pools with West-Attende & Pacific Telegraph.—Pools with West-Gran Union their gross receipts on the basis of 87% To the W.U. and 12% per cent to A. & P. Expenses were stranged at 13.14% per cent to Atl. & Pac. and 86.85% to Western Union. (V. 26. p. 3.4, 426, 468, 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, 637. Boston Water Power Co.—Statement of assets, (N. 21, In V. 29, p. 432. (V. 27, p. 121; V. 29, p. 119, 222.)

Conton Improvement Co.—The annual report for sear ending May 31, 1879, is in V. 29, p. 65. Of the \$2,509,000 mortgage \$600,000 is reserved to pay stertises loan. The Company owns the stock of the Denon Railroad Company and guarantees its bonds.

[V. 27, p. 14; V. 24 p. 65.)

Consolidation Coal.—Annual report for 1878 in V.

[15, p. 301, showing gross receipts, \$1,563,808; expenses, \$1.2 9,283; net, \$354,525. Consol. mortgage is accepted to retire old bonds. Guarantees also Grads of the Cumberland & Penn., and assumes

Strads of the Cumberland & Penn., and assumes \$135,000 Un. Mining Co. bonds. (V. 26, p. 262; 23, p. 301.)

Excessive Wa'er & 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 lan 1 owned was 530,217 acres, March 31, 1877. In 1876-7, 84,032 acres were sold for \$576,846, and 601 town lots for \$62,962. The cash collections were \$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. 21, p. 226;

. 26, p. 95. New Central Coal.—Net earnings in 1873, \$104,-(V. 29, p. 536.) Oregon Railway & Navigation Co.—Stock and bonds placed on N. Y. Stock Exchange list Nov.,

1879. (V.:9, 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, (53; V. 28, p. 42, 97, 402, 552, 554, 550; V. 29, p. 512.)

Paragulaging (Incl.—Lightlities et a minimum and Communication of the Com Tennsylvania Coal.—Liabilities at a minimum and

dividends are paid.

dividends are paid.

Pennsylvania Anthracite Coal.—Stock and bonds admitted to N. Y. Stock Board Feb., 1877. Company failed February, 1873. (V. 24, p. 112.)

Pullman Palace Car Company.—Annual report V. pany failed February, 1873. (V. 24, p. 112.)

Pullman Palace Car Company.—Annual report V. pany failed February, 1873. (V. 26, p. 262; the stalling 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.

Valley RR.

St. Lou's 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 \$160,000. 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 tame bonds, April, 1881. (V. 26. p. 420, 524; V. 27, p. 17, 227, 435, 461, 677; V. 28, p. 221; V. 29, p. 196.)

Sutro Tunnel.—Tunnel on Comstock Lode for facilitating mining operations. (V. 27, p. 529; V. 28, facilitating mining operations. (V. 27, p. 529; V. 28, p. 147, 224, 332.)

p. 147, 224, 332.)

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. 23, p. 13.)

Western Union Telegraph.—The company divided
17 per cent in stock to the stockholders of record
June 20, 1879, making the total stock as above. (V.
27. p. 274, 381. 454, 568, 629, 663; V. 28, p. 277, 592;
V. 23, p. 278, 379, 461, 632.)

E. MORRISON, No. 34 WALL STREET, NEW YORK, TRANSACTS A

General Banking Business, Receives Accounts and Allows Interest.

DEALS IN INVESTMENT SECURITIES,

Covernment, State, County, City and Miscellaneous Bonds. BUYS AND SELLS

ALL STOCKS AND BONDS DEALT IN AT THE BOARD, FOR CASH OR ON A MARGIN. SPECIE BOUGHT AND SOLD.

Elizabeth City Bonds. Sersey City Bonds. New York City Bonds.

District of Columbia Bonds.

WANTED, Louisville City Bonds. C. P. N. & E. R. RR. Bonds. Keokuk & Des Moines Pfd. Stock Iowa Central Stock and Bonds. Iowa Falls & Sioux City Bonds.

Keokuk & Des Moines Pfd. Stock.

FOR SALE, Jersey City, Elizabeth City, and New Brunswick City Bonds.