

100% TRANSPARENCY FOR MUNICIPALS

MuniRisk™ covers over 48,000 unique municipal issuers residing in all 50 states and D.C. and five U.S. Territories (Puerto Rico, Guam, Northern Mariana Islands, the U.S. Virgin Islands, and American Samoa), including 1 million active securities and 4.7+ million matured or expired securities.

COVERAGE QUICK FACTS:

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- Complete financials on over 48,000 obligors and 127,000+ individual fund accounts
 - 30% more reports and disclosure documents than available via EMMA or MSRB
 - Full security master, transaction and pricing data (see below for detail)
 - Full economic and demographic data, all mapped back to county, school district, city, MSA, state and national performance
 - Sector-specific operational data mapped back to obligors

Complete data coverage lets you move seamlessly

FROM HIGH-LEVEL TO DEEP DIVE RESEARCH IN SECONDS

Pinpoint credit outliers, assess true relative value and move seamlessly from high-level to deep dive research with all up-to-date data right at your fingertips, including full security master, transaction and pricing data. ▶ See Appendix F for full details.

- | | |
|------------------------------------|--------------------------------------|
| • Descriptive information | • Refunding / Redemption information |
| • Bond classification | • Call, Put and Sink details |
| • Bond security | • Trade history |
| • MSRB & BVAL pricing information* | • Indices |
| • Ratings (M/S/F) | • Mutual Fund Holdings |

*Additional pricing source (e.g., IDC) available based on individual user permissions

About the Application

MuniRisk™ is the first and only municipal credit research platform that delivers complete market coverage. The application reinvents fundamental credit and relative trade analysis by bringing full transparency to the municipal market. MuniRisk™ collects municipal data, offering users as reported *and* standardized views. By delivering actionable market intelligence to users, the application eliminates data challenges. Now, portfolio managers and credit analysts can focus on the actual credit risk monitoring and deep dive research needed to bring transparency to the market.

No more surprises. No more unknowns.

MuniRisk™ is exclusively available on the Bloomberg Terminal® at APPS CREDIT <GO>.

For data or product support:

✉ support@munirisk.com

☎ (646) 783-8032

🌐 www.munirisk.com

FINANCIAL COVERAGE

FINANCIAL

ECONOMIC

DEMOGRAPHIC

SECTOR

OVERVIEW	INFORMATION TYPE	OBLIGOR TYPES	FUND TYPES
<p>Full financial statements for over 48,000 unique obligors and 127,000+ individual funds</p> <p>► See Appendix A for complete list of data points captured</p> <p>► See Appendix G for complete list of key ratios</p>	<ul style="list-style-type: none"> Income statement**^ Balance sheet**^ Cash flow statement**^ Pension & OPEB information Debt structure and schedule Endowment details Continuing disclosures Key financial ratios <p><i>*Standardized, ^As Reported</i></p>	<p>GO (state, local, school district)</p>	<ul style="list-style-type: none"> General Government wide activities Total gov't Debt service Pension
		<p>Revenue</p>	<ul style="list-style-type: none"> See Sector Coverage Table below

Quick Tip

Add an issuer to the database

Our Municipal Data team will add any future or requested issuer that is not currently covered at no cost to users.

Simply submit a request to support@munirisk.com. Another benefit of being part of the MuniRisk™ Community.

WHAT SECTORS DOES MUNIRISK™ COVER?

The application covers the entire market. With over 50 sectors (representative sample below), MuniRisk™ covers nearly five times as many as its nearest comparable solution. There are no size limitations.

General Government

State Govt.
US Territory Govt.
Local Govt.
School District
Development District
Special District
Federal Govt.

Education

Higher Education
Charter School
Independent School

Healthcare

Health System
Hospital
Hospital District

Transportation

Tollway/Tunnel/Bridge
Airport
Combined Port Authority
Port
Public Transportation
Special Revenue Entity
Parking Facility

Utility

Federal Utility Agency
Joint Action Agency/Cooperative
Standalone Utility

Housing

State Housing Finance Agency
Local Housing Finance Agency
Public Housing Authority
Local Standalone Housing
Privatized Student Housing
Military Housing

Senior Living

Multi-Site Sr. Living System
Single Site Sr. Living

Securitization

Gas Prepayment
Student Loan
Tobacco Settlement
Utility Cost Recovery Charge

Other

Tribal
Detention Facility
Other Non-Profit Enterprise
Stadium and Convention Center
Municipal Pool Program
Water & Sewer State Revolving Fund
Project Finance

ECONOMIC COVERAGE

FINANCIAL

ECONOMIC

DEMOGRAPHIC

SECTOR

OVERVIEW	REPORTING LEVEL	INFORMATION TYPE	SOURCES
<p>Over 55,000 unique economic data series geo-mapped to the selected obligor</p> <p>Over 157,000 total unique data source keys</p>	<ul style="list-style-type: none"> National 50 states, D.C., and territories 3,200 counties / boroughs 1,000+ MSAs / μSA / CSAs 	<p>All broken down by geographic region where applicable</p> <ul style="list-style-type: none"> Housing statistics Employment and labor statistics* Wage & earnings* Personal income & earnings GDP Inflation* <p><i>*Also broken down by industry</i></p>	<p>Bureau of Economic Analysis: Personal income, employment, and GDP data</p> <p>Bureau of Labor Statistics: Employment, labor, inflation, and wage data series</p> <p>Zillow: Monthly home prices and housing stats</p> <p>S&P CoreLogic Case-Shiller Home Price Indices</p> <p>► See Appendix B for complete list of data points captured</p>

DEMOGRAPHIC COVERAGE

FINANCIAL

ECONOMIC

DEMOGRAPHIC

SECTOR

OVERVIEW	REPORTING LEVEL	INFORMATION TYPE	SOURCES
<p>Over 6,000 current <u>and</u> historical Census data series geo-mapped to the selected obligor</p> <p>County health rankings</p>	<ul style="list-style-type: none"> National 50 states, D.C., and territories 10,000+ cities / towns / villages 10,000+ school districts 3,200+ counties / boroughs 1,000+ MSAs / μSA / CSAs 	<p>Information is broken down by household and population for over 6,000 data series, including key metrics such as:</p> <ul style="list-style-type: none"> Family type Income & benefits Occupant density Estimated value & gross rent Race, sex, and age Marital status School enrollment Employment status Educational attainment 	<p>U.S. Census Bureau: American Community Survey (1 year and 5 year available)</p> <p>Center for Disease Control and University of Wisconsin: County Health Ranking</p> <p>► See Appendix C for complete list of data points captured</p>

SECTOR COVERAGE

FINANCIAL

ECONOMIC

DEMOGRAPHIC

SECTOR

OVERVIEW	SECTORS	INFORMATION TYPE	SOURCES	
Operational metrics from third-party sources	Healthcare & Hospital Systems	<ul style="list-style-type: none"> 400 series of utilization statistics for approximately 6,000 hospitals 	American Hospital Association (AHA)	► See Appendix D for complete list of data points captured
		<ul style="list-style-type: none"> Hospital to obligated group mapping of over 300+ healthcare systems 	Center for Medicare and Medicaid Services (CMS) Healthcare Cost Report Information System (HCRIS)	
	Airports	<ul style="list-style-type: none"> Monthly flight level data on over 10,000 airports mapped back to their municipal obligors 	MuniRisk™	
	Higher Education	<ul style="list-style-type: none"> Operating data for over 7,000 public / private universities and graduate schools 	U.S. Department of Transportation (DOT) Federal Aviation Administration (FAA)	
	School Districts	<ul style="list-style-type: none"> School District operational data on over 10,000 districts 	U.S. Department of Education Integrated Postsecondary Education Data System (IPEDS)	
Operational metrics direct from issuers	Healthcare Senior Living Higher Ed Local Govt Transportation Utility Housing	--	Obligor financial statements & continuing disclosures	► See Appendix E for complete list of data points captured

APPENDIX A: FINANCIAL STATEMENTS

A. State & Local Govt Financial Statement(s)

- 1 General Fund Income Statement_Standardized_Full Statement
- 2 General Fund Balance Sheet_Standardized_Full Statement
- 3 Total Govt Fund Income Statement_Standardized_Full Statement
- 4 Total Govt Fund Balance Sheet_Standardized_Full Statement
- 5 Debt Service Fund Income Statement_Standardized_Full Statement
- 6 Debt Service Fund Balance Sheet_Standardized_Full Statement
- 7 Govt-wide Activities Income Statement_Standardized_Full Statement
- 8 Govt-wide Activities Balance Sheet_Standardized_Full Statement
- 9 General Fund Income Statement_As Reported_Full Statement
- 10 General Fund Balance Sheet_As Reported_Full Statement
- 11 Total Govt Fund Income Statement_As Reported_Full Statement
- 12 Total Govt Fund Balance Sheet_As Reported_Full Statement
- 13 Govt-wide Activities Income Statement_As Reported_Full Statement
- 14 Govt-wide Activities Balance Sheet_As Reported_Full Statement
- 15 Debt Service Fund Income Statement_As Reported_Full Statement
- 16 Debt Service Fund Balance Sheet_As Reported_Full Statement

B. State & Local Govt Debt Information

- 1 Total Debt Breakdown (by Type)
- 2 Operating Lease Information
- 3 Capital Lease Information
- 4 Rental Expense Information
- 5 Direct & Overlapping Debt Information
- 6 Interest Rate Swap information
- 7 Total Debt Schedule
- 8 GO Debt Forward Schedule
- 9 Revenue Debt Forward Schedule
- 10 Other Debt Forward Schedule
- 11 Component Unit Debt Forward Schedule
- 12 Capital Lease Forward Schedule
- 13 Rental Expense Schedule
- 14 Local Govt Legal Debt Limit Information
- 15 Debt Per Capita

C. Pension Fund Information_State & Local Government

- 1 Member & Employer Contributions
- 2 Additions & Deductions to Pension Fund
- 3 Pension Plan Type
- 4 Pension Beneficiary Group
- 5 Actuarial Valuation Frequency
- 6 Actuarial Cost Method
- 7 Amortization Method
- 8 Pension Expense (Income)
- 9 Other Post Retirement Benefits Expense (Income)
- 10 Service Cost
- 11 Service Cost (Other Post Retirement Benefits)
- 12 State's Proportionate Share of TPL
- 13 State's Proportionate Share of FNP
- 14 State's Proportionate Share of NPL
- 15 Employer's Proportionate Share of TPL
- 16 Employer's Proportionate Share of FNP
- 17 Employer's Proportionate Share of NPL
- 18 Projected Benefit Obligation
- 19 Fair Value of Plan Assets
- 20 Overfunded (underfunded) Pension
- 21 Pension Annual Required Contribution
- 22 Pension Covered Payroll
- 23 Projected Post Retirement Benefit Obligations
- 24 Fair Value of Post Retirement Plan Assets
- 25 Overfunded (underfunded) Post Retirement Benefits
- 26 OPEB Covered Payroll
- 27 Accumulated Benefit Obligation (Postretirement)
- 28 Expected Return on Plan Assets (pension) %
- 29 Inc(Dec) in Net Pension Obligation
- 30 OPEB Annual Required Contribution
- 31 Inc(Dec) in Net OPEB Obligation
- 32 Discount Rate used on Plan Liabilities (pension)
- 33 Discount Rate used on Liabs (other/healthcare)

C. Pension Fund Information_State & Local Government, Cont'd

- 34 Rate of Compensation increase (pension)
- 35 Expected Return on Plan Assets (other/healthcare)
- 36 Health Care Cost Trend Actual(current year)
- 37 Health Care Cost Trend Projected(next year)
- 38 Benefits Paid (Pension)
- 39 Employer Contribution (Postretirement)
- 40 Benefits Paid (Postretirement)
- 41 Interest Cost (Pension)
- 42 Interest Cost (Other Post Retirement Benefits)
- 43 Actual Return (Loss) on Plan Assets (Pension)
- 44 Actual Return (Loss) on Plan Assets (Postretirement)
- 45 Expected Return on Pension Plan Assets
- 46 Expected Return On Plan Assets (other Post Retire Benefits)
- 47 Pension Plan Asset Breakdown (by Security Type)
- 48 Target Pension Plan Asset Breakdown (by Security Type)
- 49 Expected Pension Benefit Payments - Forward 5 Year
- 50 Expected Postretirement Benefit Payments - Forward 5 Year
- 51 Pension Beneficiaries
- 52 Pension - Active Members
- 53 Pension - Inactive Members
- 54 State Role - Pension Plan Support

D. Revenue Obligor Financial Statement(s)

- 1 Income Statement_Standardized
- 2 Balance Sheet_Standardized
- 3 Cash Flow Statement_Standardized
- 4 Income Statement_As Reported
- 5 Balance Sheet_As Reported
- 6 Cash Flow Statement_As Reported

APPENDIX A: FINANCIAL STATEMENTS

E. Revenue Obligor Debt Information

- 1 Total Outstanding Debt Breakdown (by Type)
- 2 Forward Debt Service Schedule
- 3 Forward Rental Expense Schedule
- 4 Forward Capital Lease Schedule
- 5 Revenue Available for Debt Service
- 6 Annual Debt Service - As Reported
- 7 Debt Service Coverage Ratio - As Reported
- 8 Required Debt Service Coverage Ratio - As Reported
- 9 Maximum Annual Debt Service - As Reported
- 10 Maximum Annual Debt Service Coverage Ratio - As Reported
- 11 Days Cash on Hand - As Reported
- 12 Required Days Cash on Hand - As Reported
- 13 ST Capital Lease Obligations
- 14 Total Future Value of Capital Leases
- 15 Maximum Annual Debt Service
- 16 Future Minimum Operating Leases
- 17 Contingent Liabilities
- 18 Total Commercial Paper
- 19 Notional Amount of Derivatives/Swaps/Variable Debt
- 20 Senior Lien Debt Service
- 21 Senior Lien Coverage Ratio
- 22 Revenue Available Subordinate Lien Debt Service
- 23 Subordinate Lien Debt Service
- 24 Subordinate Lien Coverage Ratio
- 25 Days Cash on Hand
- 26 Required Days Cash on Hand - As Reported

APPENDIX B: ECONOMIC SERIES

Economic coverage includes:	A. Economic Series	Frequency	Reporting Level	Shown in App	A. Economic Series, Cont'd	Frequency	Reporting Level	Shown in App
3,200 counties	1 BEA Population	Annual	N, S, M, C	*	49 Average Weekly Wages, Private (Transportation and warehousing)	Quarterly	N, S, M, C	*
300+ MSAs	2 GDP in current dollars	Annual	N, S, M, C	*	50 Average Weekly Wages, Private (Information)	Quarterly	N, S, M, C	*
50 states & DC	3 Real GDP in chained dollars	Annual	N, S, M, C	*	51 Average Weekly Wages, Private (Finance and insurance)	Quarterly	N, S, M, C	*
	4 Per capita real GDP	Annual	N, S, M, C	*	52 Average Weekly Wages, Private (Real estate and rental and leasing)	Quarterly	N, S, M, C	*
Reporting Level Key	5 Gross operating surplus	Annual	N, S, M, C	*	53 Average Weekly Wages, Private (Professional and technical services)	Quarterly	N, S, M, C	*
N National	6 Personal income	Annual	N, S, M, C	*	54 Average Weekly Wages, Private (Management of companies and enterprises)	Quarterly	N, S, M, C	*
S State & Territories	7 Nonfarm personal income	Annual	N, S, M, C	*	55 Average Weekly Wages, Private (Administrative and waste services)	Quarterly	N, S, M, C	*
M MSA, Micro SA, Combined SA	8 Farm income	Annual	N, S, M, C	*	56 Average Weekly Wages, Private (Educational services)	Quarterly	N, S, M, C	*
C County	9 Real personal income	Annual	N, S, M, C	*	57 Average Weekly Wages, Private (Health care and social assistance)	Quarterly	N, S, M, C	*
SD School District	10 Disposable personal income	Annual	N, S, M, C	*	58 Average Weekly Wages, Private (Arts, entertainment, and recreation)	Quarterly	N, S, M, C	*
PL Place (City/Town/Village)	11 Per capita personal income	Annual	N, S, M, C	*	59 Average Weekly Wages, Private (Accommodation and food services)	Quarterly	N, S, M, C	*
	12 Real per capita personal income	Annual	N, S, M, C	*	60 Average Weekly Wages, Private (Other services, except public administration)	Quarterly	N, S, M, C	*
	13 Per capita disposable personal income	Annual	N, S, M, C	*	61 Average Weekly Wages, Private (Unclassified)	Quarterly	N, S, M, C	*
	14 Per capita dividends, interest, and rent	Annual	N, S, M, C	*	62 Quarterly Contributions, Total Covered (Total, all industries)	Quarterly	N, S, M, C	*
	15 Per capita net earnings	Annual	N, S, M, C	*	63 Quarterly Contributions, Total Government (Total, all industries)	Quarterly	N, S, M, C	*
	16 Per capita retirement and other	Annual	N, S, M, C	*	64 Quarterly Contributions, Private (Total, all industries)	Quarterly	N, S, M, C	*
	17 Per capita unemployment insurance compensation	Annual	N, S, M, C	*	65 Quarterly Contributions, Private (Agriculture, forestry, fishing and hunting)	Quarterly	N, S, M, C	*
	18 Earnings by place of work	Annual	N, S, M, C	*	66 Quarterly Contributions, Private (Mining, quarrying, and oil and gas extraction)	Quarterly	N, S, M, C	*
	19 Net earnings by place of residence	Annual	N, S, M, C	*	67 Quarterly Contributions, Private (Utilities)	Quarterly	N, S, M, C	*
	20 Wages and salaries	Annual	N, S, M, C	*	68 Quarterly Contributions, Private (Construction)	Quarterly	N, S, M, C	*
	21 Supplements to wages and salaries	Annual	N, S, M, C	*	69 Quarterly Contributions, Private (Manufacturing)	Quarterly	N, S, M, C	*
	22 Proprietors' income	Annual	N, S, M, C	*	70 Quarterly Contributions, Private (Wholesale trade)	Quarterly	N, S, M, C	*
	23 Total employment	Annual	N, S, M, C	*	71 Quarterly Contributions, Private (Retail trade)	Quarterly	N, S, M, C	*
	24 Wage and salary employment	Annual	N, S, M, C	*	72 Quarterly Contributions, Private (Transportation and warehousing)	Quarterly	N, S, M, C	*
	25 Proprietors employment	Annual	N, S, M, C	*	73 Quarterly Contributions, Private (Information)	Quarterly	N, S, M, C	*
	26 Average wages and salaries	Annual	N, S, M, C	*	74 Quarterly Contributions, Private (Finance and insurance)	Quarterly	N, S, M, C	*
	27 Average earnings per job	Annual	N, S, M, C	*	75 Quarterly Contributions, Private (Real estate and rental and leasing)	Quarterly	N, S, M, C	*
	28 Average compensation per job	Annual	N, S, M, C	*	76 Quarterly Contributions, Private (Professional and technical services)	Quarterly	N, S, M, C	*
	29 Implicit regional price deflator	Annual	N, S, M, C	*	77 Quarterly Contributions, Private (Management of companies and enterprises)	Quarterly	N, S, M, C	*
	30 RPPs: All items	Annual	N, S, M, C	*	78 Quarterly Contributions, Private (Administrative and waste services)	Quarterly	N, S, M, C	*
	31 Labor Force (Not Seasonally Adjusted)	Monthly	N, S, M, C	*	79 Quarterly Contributions, Private (Educational services)	Quarterly	N, S, M, C	*
	32 Labor Force (Seasonally Adjusted)	Monthly	N, S, M, C	*	80 Quarterly Contributions, Private (Health care and social assistance)	Quarterly	N, S, M, C	*
	33 Employment (Not Seasonally Adjusted)	Monthly	N, S, M, C	*	81 Quarterly Contributions, Private (Arts, entertainment, and recreation)	Quarterly	N, S, M, C	*
	34 Employment (Seasonally Adjusted)	Monthly	N, S, M, C	*	82 Quarterly Contributions, Private (Accommodation and food services)	Quarterly	N, S, M, C	*
	35 Unemployment (Not Seasonally Adjusted)	Monthly	N, S, M, C	*	83 Quarterly Contributions, Private (Other services, except public administration)	Quarterly	N, S, M, C	*
	36 Unemployment (Seasonally Adjusted)	Monthly	N, S, M, C	*	84 Quarterly Contributions, Private (Unclassified)	Quarterly	N, S, M, C	*
	37 Unemployment Rate (Not Seasonally Adjusted)	Monthly	N, S, M, C	*	85 Quarterly Established Count, Total Covered (Total, all industries)	Quarterly	N, S, M, C	*
	38 Unemployment Rate (Seasonally Adjusted)	Monthly	N, S, M, C	*	86 Quarterly Established Count, Total Government (Total, all industries)	Quarterly	N, S, M, C	*
	39 Average Weekly Wages, Total Covered (Total, all industries)	Quarterly	N, S, M, C	*	87 Quarterly Established Count, Private (Total, all industries)	Quarterly	N, S, M, C	*
	40 Average Weekly Wages, Total Government (Total, all industries)	Quarterly	N, S, M, C	*	88 Quarterly Established Count, Private (Agriculture, forestry, fishing and hunting)	Quarterly	N, S, M, C	*
	41 Average Weekly Wages, Private (Total, all industries)	Quarterly	N, S, M, C	*	89 Quarterly Established Count, Private (Mining, quarrying, and oil and gas extraction)	Quarterly	N, S, M, C	*
	42 Average Weekly Wages, Private (Agriculture, forestry, fishing and hunting)	Quarterly	N, S, M, C	*	90 Quarterly Established Count, Private (Utilities)	Quarterly	N, S, M, C	*
	43 Average Weekly Wages, Private (Mining, quarrying, and oil and gas extraction)	Quarterly	N, S, M, C	*	91 Quarterly Established Count, Private (Construction)	Quarterly	N, S, M, C	*
	44 Average Weekly Wages, Private (Utilities)	Quarterly	N, S, M, C	*	92 Quarterly Established Count, Private (Manufacturing)	Quarterly	N, S, M, C	*
	45 Average Weekly Wages, Private (Construction)	Quarterly	N, S, M, C	*	93 Quarterly Established Count, Private (Wholesale trade)	Quarterly	N, S, M, C	*
	46 Average Weekly Wages, Private (Manufacturing)	Quarterly	N, S, M, C	*	94 Quarterly Established Count, Private (Retail trade)	Quarterly	N, S, M, C	*
	47 Average Weekly Wages, Private (Wholesale trade)	Quarterly	N, S, M, C	*	95 Quarterly Established Count, Private (Transportation and warehousing)	Quarterly	N, S, M, C	*
	48 Average Weekly Wages, Private (Retail trade)	Quarterly	N, S, M, C	*	96 Quarterly Established Count, Private (Information)	Quarterly	N, S, M, C	*

* Denotes data points that appear within the application. The others are available upon request via support@munitrisk.com

APPENDIX B: ECONOMIC SERIES

Economic coverage includes:	A. Economic Series, Cont'd	Frequency	Reporting Level	Shown in App	A. Economic Series, Cont'd	Frequency	Reporting Level	Shown in App
3,200 counties	97 Quarterly Established Count, Private (Finance and insurance)	Quarterly	N, S, M, C	*	145 Total Quarterly Wages, Private (Professional and technical services)	Quarterly	N, S, M, C	*
300+ MSAs	98 Quarterly Established Count, Private (Real estate and rental and leasing)	Quarterly	N, S, M, C	*	146 Total Quarterly Wages, Private (Management of companies and enterprises)	Quarterly	N, S, M, C	*
50 states & DC	99 Quarterly Established Count, Private (Professional and technical services)	Quarterly	N, S, M, C	*	147 Total Quarterly Wages, Private (Administrative and waste services)	Quarterly	N, S, M, C	*
	100 Quarterly Established Count, Private (Management of companies and enterprises)	Quarterly	N, S, M, C	*	148 Total Quarterly Wages, Private (Educational services)	Quarterly	N, S, M, C	*
Reporting Level Key	101 Quarterly Established Count, Private (Administrative and waste services)	Quarterly	N, S, M, C	*	149 Total Quarterly Wages, Private (Health care and social assistance)	Quarterly	N, S, M, C	*
N National	102 Quarterly Established Count, Private (Educational services)	Quarterly	N, S, M, C	*	150 Total Quarterly Wages, Private (Arts, entertainment, and recreation)	Quarterly	N, S, M, C	*
S State & Territories	103 Quarterly Established Count, Private (Health care and social assistance)	Quarterly	N, S, M, C	*	151 Total Quarterly Wages, Private (Accommodation and food services)	Quarterly	N, S, M, C	*
M MSA, Micro SA, Combined SA	104 Quarterly Established Count, Private (Arts, entertainment, and recreation)	Quarterly	N, S, M, C	*	152 Total Quarterly Wages, Private (Other services, except public administration)	Quarterly	N, S, M, C	*
C County	105 Quarterly Established Count, Private (Accommodation and food services)	Quarterly	N, S, M, C	*	153 Total Quarterly Wages, Private (Unclassified)	Quarterly	N, S, M, C	*
SD School District	106 Quarterly Established Count, Private (Other services, except public administration)	Quarterly	N, S, M, C	*	154 CPI - All Urban Consumers (All items)	Monthly	N	*
PL Place (City/Town/Village)	107 Quarterly Established Count, Private (Unclassified)	Quarterly	N, S, M, C	*	155 CPI - All Urban Consumers (Food and beverages)	Monthly	N	*
	108 Taxable Quarterly Wages, Total Covered (Total, all industries)	Quarterly	N, S, M, C	*	156 CPI - All Urban Consumers (Recreation)	Monthly	N	*
	109 Taxable Quarterly Wages, Total Government (Total, all industries)	Quarterly	N, S, M, C	*	157 CPI - All Urban Consumers (Transportation)	Monthly	N	*
	110 Taxable Quarterly Wages, Private (Total, all industries)	Quarterly	N, S, M, C	*	158 CPI - All Urban Consumers (Apparel)	Monthly	N	*
	111 Taxable Quarterly Wages, Private (Agriculture, forestry, fishing and hunting)	Quarterly	N, S, M, C	*	159 CPI - All Urban Consumers (Commodities)	Monthly	N	*
	112 Taxable Quarterly Wages, Private (Mining, quarrying, and oil and gas extraction)	Quarterly	N, S, M, C	*	160 CPI - All Urban Consumers (Education and communication)	Monthly	N	*
	113 Taxable Quarterly Wages, Private (Utilities)	Quarterly	N, S, M, C	*	161 CPI - All Urban Consumers (Housing)	Monthly	N	*
	114 Taxable Quarterly Wages, Private (Construction)	Quarterly	N, S, M, C	*	162 CPI - All Urban Consumers (Other goods and services)	Monthly	N	*
	115 Taxable Quarterly Wages, Private (Manufacturing)	Quarterly	N, S, M, C	*	163 CPI - All Urban Consumers (Medical care)	Monthly	N	*
	116 Taxable Quarterly Wages, Private (Wholesale trade)	Quarterly	N, S, M, C	*	164 S&P/CoreLogic/ Case-Shiller AZ-Phoenix Home Price Index	Monthly	M	*
	117 Taxable Quarterly Wages, Private (Retail trade)	Quarterly	N, S, M, C	*	165 S&P/CoreLogic/ Case-Shiller CA-Los Angeles Home Price Index	Monthly	M	*
	118 Taxable Quarterly Wages, Private (Transportation and warehousing)	Quarterly	N, S, M, C	*	166 S&P/CoreLogic/ Case-Shiller CA-San Diego Home Price Index	Monthly	M	*
	119 Taxable Quarterly Wages, Private (Information)	Quarterly	N, S, M, C	*	167 S&P/CoreLogic/ Case-Shiller CA-San Francisco Home Price Index	Monthly	M	*
	120 Taxable Quarterly Wages, Private (Finance and insurance)	Quarterly	N, S, M, C	*	168 S&P/CoreLogic/ Case-Shiller CO-Denver Home Price Index	Monthly	M	*
	121 Taxable Quarterly Wages, Private (Real estate and rental and leasing)	Quarterly	N, S, M, C	*	169 S&P/CoreLogic/ Case-Shiller DC-Washington Home Price Index	Monthly	M	*
	122 Taxable Quarterly Wages, Private (Professional and technical services)	Quarterly	N, S, M, C	*	170 S&P/CoreLogic/ Case-Shiller FL-Miami Home Price Index	Monthly	M	*
	123 Taxable Quarterly Wages, Private (Management of companies and enterprises)	Quarterly	N, S, M, C	*	171 S&P/CoreLogic/ Case-Shiller FL-Tampa Home Price Index	Monthly	M	*
	124 Taxable Quarterly Wages, Private (Administrative and waste services)	Quarterly	N, S, M, C	*	172 S&P/CoreLogic/ Case-Shiller GA-Atlanta Home Price Index	Monthly	M	*
	125 Taxable Quarterly Wages, Private (Educational services)	Quarterly	N, S, M, C	*	173 S&P/CoreLogic/ Case-Shiller IL-Chicago Home Price Index	Monthly	M	*
	126 Taxable Quarterly Wages, Private (Health care and social assistance)	Quarterly	N, S, M, C	*	174 S&P/CoreLogic/ Case-Shiller MA-Boston Home Price Index	Monthly	M	*
	127 Taxable Quarterly Wages, Private (Arts, entertainment, and recreation)	Quarterly	N, S, M, C	*	175 S&P/CoreLogic/ Case-Shiller MI-Detroit Home Price Index	Monthly	M	*
	128 Taxable Quarterly Wages, Private (Accommodation and food services)	Quarterly	N, S, M, C	*	176 S&P/CoreLogic/ Case-Shiller MN-Minneapolis Home Price Index	Monthly	M	*
	129 Taxable Quarterly Wages, Private (Other services, except public administration)	Quarterly	N, S, M, C	*	177 S&P/CoreLogic/ Case-Shiller NC-Charlotte Home Price Index	Monthly	M	*
	130 Taxable Quarterly Wages, Private (Unclassified)	Quarterly	N, S, M, C	*	178 S&P/CoreLogic/ Case-Shiller NV-Las Vegas Home Price Index	Monthly	M	*
	131 Total Quarterly Wages, Total Covered (Total, all industries)	Quarterly	N, S, M, C	*	179 S&P/CoreLogic/ Case-Shiller NY-New York Home Price Index	Monthly	M	*
	132 Total Quarterly Wages, Total Government (Total, all industries)	Quarterly	N, S, M, C	*	180 S&P/CoreLogic/ Case-Shiller OH-Cleveland Home Price Index	Monthly	M	*
	133 Total Quarterly Wages, Private (Total, all industries)	Quarterly	N, S, M, C	*	181 S&P/CoreLogic/ Case-Shiller OR-Portland Home Price Index	Monthly	M	*
	134 Total Quarterly Wages, Private (Agriculture, forestry, fishing and hunting)	Quarterly	N, S, M, C	*	182 S&P/CoreLogic/ Case-Shiller TX-Dallas Home Price Index	Monthly	M	*
	135 Total Quarterly Wages, Private (Mining, quarrying, and oil and gas extraction)	Quarterly	N, S, M, C	*	183 S&P/CoreLogic/ Case-Shiller WA-Seattle Home Price Index	Monthly	M	*
	136 Total Quarterly Wages, Private (Utilities)	Quarterly	N, S, M, C	*				
	137 Total Quarterly Wages, Private (Construction)	Quarterly	N, S, M, C	*				
	138 Total Quarterly Wages, Private (Manufacturing)	Quarterly	N, S, M, C	*				
	139 Total Quarterly Wages, Private (Wholesale trade)	Quarterly	N, S, M, C	*				
	140 Total Quarterly Wages, Private (Retail trade)	Quarterly	N, S, M, C	*				
	141 Total Quarterly Wages, Private (Transportation and warehousing)	Quarterly	N, S, M, C	*				
	142 Total Quarterly Wages, Private (Information)	Quarterly	N, S, M, C	*				
	143 Total Quarterly Wages, Private (Finance and insurance)	Quarterly	N, S, M, C	*				
	144 Total Quarterly Wages, Private (Real estate and rental and leasing)	Quarterly	N, S, M, C	*				

* Denotes data points that appear within the application. The others are available upon request via support@munitrisk.com

APPENDIX C: DEMOGRAPHIC SERIES

Demographic coverage includes:	A. Demographic Series	Frequency	Reporting Level	Shown in App	B. Housing_By Geographic Region	Frequency	Reporting Level	Shown in App
10,000+ cities/towns/villages	1 Population Est. by Race [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	1 Median List Price (\$)	Monthly	N, S, M, C	*
10,000+ school districts	2 Population Est. by Sex And Age [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	2 Median List Price / sq. ft. (\$)	Monthly	N, S, M, C	*
3,200+ counties/boroughs	3 Population Est. by School Enrollment [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	3 Median Sale Price (\$)	Monthly	N, S, M, C	*
1,000+ MSAs / μSA / CSAs	4 Population Est. by Employment Status [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	4 Median Sale Price / sq. ft. (\$)	Monthly	N, S, M, C	*
	5 Population Est. by Educational Attainment [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	5 Homes Sold for gain (%)	Monthly	N, S, M, C	*
	6 Health Insurance Coverage Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	6 Homes Sold for loss (%)	Monthly	N, S, M, C	*
Reporting Level Key	7 Population Est. by Marital Status [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	7 Homes Sold in the past year (%)	Monthly	N, S, M, C	*
N National	8 Population Est. by Relationship Type [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	8 Sale-to-list price ratio	Monthly	N, S, M, C	*
S State & Territories	9 Population Est. by Ancestry [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		9 Price to rent ratio	Monthly	N, S, M, C	*
M MSA, Micro SA, Combined SA	10 Population Est. by Hispanic Or Latino And Race [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		10 Median price cut (%)	Monthly	N, S, M, C	*
C County	11 Population Est. by Language Spoken At Home [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		11 Homes decreasing in value (%)	Monthly	N, S, M, C	*
SD School District	12 Population Est. by Place Of Birth [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		12 Homes increasing in value (%)	Monthly	N, S, M, C	*
PL Place (City/Town/Village)	13 Population Est. by U.S. Citizenship Status [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		13 Listings with price cut (%)	Monthly	N, S, M, C	*
	14 Population Est. by World Region Of Birth Of Foreign Born [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		14 Homes foreclosed (out of 10k)	Monthly	N, S, M, C	*
	15 Population Est. by Year Of Entry [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		15 Foreclosure re-sales (%)	Monthly	N, S, M, C	*
	16 Population Est. by Residence Period [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		16 Median Home Value - 1 Bedroom Homes	Monthly	N, S, M, C	*
	17 Total Housing Unit Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	17 Median Home Value - 2 Bedroom Homes	Monthly	N, S, M, C	*
	18 Household Est. by Family Type [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	18 Median Home Value - 3 Bedroom Homes	Monthly	N, S, M, C	*
	19 Household Income & Benefits Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	19 Median Home Value - 4 Bedroom Homes	Monthly	N, S, M, C	*
	20 Poverty Level Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		20 Median Home Value - 5+ Bedroom Homes	Monthly	N, S, M, C	*
	21 Household Unit Est. by Value [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		21 Median Home Value - All Homes (SFR, Condo/Co-op)	Monthly	N, S, M, C	*
	22 Selected Monthly Owner Costs % Household Income (Smocapi) [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		22 Median Home Value - Bottom Tier	Monthly	N, S, M, C	*
	23 Employment Est. by Industry Of Work [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	23 Median Home Value - Condo/Co-op	Monthly	N, S, M, C	*
	24 Employment Est. by Occupation [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		24 Median Home Value - Median ZHV per sq. ft. (\$)	Monthly	N, S, M, C	*
	25 Employment Est. by Class of Worker [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		25 Median Home Value - Middle Tier	Monthly	N, S, M, C	*
	26 Population Commuting to Work [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		26 Median Home Value - Single Family Residences	Monthly	N, S, M, C	*
	27 Household Unit Est. by Gross Rent [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		27 Median Home Value - Top Tier	Monthly	N, S, M, C	*
	28 Household Unit Est. by Mortgage Status [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		28 Median - Rent All Homes (SFR, Condo/Co-op)	Monthly	N, S, M, C	*
	29 Gross Rent As A Percentage Of Household Income (Grapi) [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		29 Median Rent List Price (\$)	Monthly	N, S, M, C	*
	30 Household Unit Est. by No. of Rooms [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		30 Median Rent per sq. ft. (\$)	Monthly	N, S, M, C	*
	31 Household Unit Est. by No. of Bedrooms [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL					
	32 Housing Occupancy Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL	*	C. CDC_County Health Outcomes & Factors (Rankings)			
	33 Household Unit Est. by Occupant Density [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		1 County Health Outcomes Rank	Annual	C	
	34 Household Unit Est. by Selected Monthly Owner Costs (Smoc) [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		2 County Health Outcomes Quartile	Annual	C	
	35 Household Unit Est. by Amenities [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		3 County Health Outcomes Z-Score	Annual	C	
	36 Household Unit Est. by Heating Fuel Type [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		4 County Health Factors Rank	Annual	C	
	37 Household Unit Est. by Move-in Date [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		5 County Health Factors Quartile	Annual	C	
	38 Household Unit Est. by Structure [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		6 County Health Factors Z-Score	Annual	C	
	39 Household Unit Est. by Tenure [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL					
	40 Household Unit Est. by Vehicles Available [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		D. CDC_County Health Outcomes & Factors (SubRankings)			
	41 Household Est. by Computers And Internet Use [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		1 Mortality Rank	Annual	C	
	42 Household Unit Est. by Date [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		2 Mortality Quartile	Annual	C	
	43 Veteran Population Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		3 Morbidity Rank	Annual	C	
	44 Disability Population Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		4 Morbidity Quartile	Annual	C	
	45 Female Population Est. by Fertility [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		5 Health Behaviors Rank	Annual	C	
	46 Grandparent Population Est. [ACS 1 Yr & 5 Yr]	Annual	N, S, M, C, SD, PL		6 Health Behaviors Quartile	Annual	C	
					7 Clinical Care Rank	Annual	C	
					8 Clinical Care Quartile	Annual	C	

* Denotes data points that appear within the application. The others are available upon request via support@munirisk.com

APPENDIX C: DEMOGRAPHIC SERIES

Demographic coverage includes:	D. CDC County Health Outcomes & Factors (SubRankings), Cont'd	Frequency	Reporting Level	Shown in App	E. CDC County_Ranked Measure (Underlying) Data, Cont'd	Frequency	Reporting Level	Shown in App
10,000 plus cities/towns/villages	9 Social & Economic Factors Rank	Annual	C		39 Air pollution Data	Annual	C	
10,000 plus school districts	10 Social & Economic Factors Quartile	Annual	C		40 Pollution Monitoring Days	Annual	C	
3,200+ counties/boroughs	11 Physical Environment Rank	Annual	C		41 Average Daily PM2.5	Annual	C	
1,000+ MSAs/CSA/MicroSAs, States and US	12 Physical Environment Quartile	Annual	C		42 Air pollution-ozone days	Annual	C	
	13 Length of Life Rank	Annual	C		43 Access to healthy foods	Annual	C	
	14 Length of Life Quartile	Annual	C		44 Liquor store density	Annual	C	
Reporting Level Key	15 Quality of Life Rank	Annual	C		45 % Excessive Drinking	Annual	C	
N National	16 Quality of Life Quartile	Annual	C		46 Pct Excessive Drinking	Annual	C	
S State & Territories					47 Previous Primary care physician data--used to calculate rankings	Annual	C	
M MSA, Micro SA, Combined SA	E. CDC County_Ranked Measure (Underlying) Data[Otherwise not under ACA]				48 Mammography screening	Annual	C	
C County	1 Premature death	Annual	C		49 % Mammography	Annual	C	
SD School District	2 Years of Potential Life Lost Rate	Annual	C		50 Pct Mammography	Annual	C	
PL Place (City/Town/Village)	3 Poor or fair health	Annual	C		51 Some college	Annual	C	
	4 Poor physical health days	Annual	C		52 No of Some College	Annual	C	
	5 Physically Unhealthy Days	Annual	C		53 Pct Some College	Annual	C	
	6 Poor mental health days	Annual	C		54 % Some College	Annual	C	
	7 Mentally Unhealthy Days	Annual	C		55 Access to recreational facilities	Annual	C	
	8 Low birthweight	Annual	C		56 # Rec Facilities	Annual	C	
	9 Adult smoking	Annual	C		57 Rec Facility Rate	Annual	C	
	10 Adult obesity	Annual	C		58 Physical inactivity	Annual	C	
	11 Binge drinking	Annual	C		59 Pct Physically Inactive	Annual	C	
	12 Motor vehicle crash death rate	Annual	C		60 % Physically Inactive	Annual	C	
	13 Sexually transmitted infections	Annual	C		61 Uninsured	Annual	C	
	14 Chlamydia Rate	Annual	C		62 No of Uninsured	Annual	C	
	15 Teen Birth Rate	Annual	C		63 Pct Uninsured	Annual	C	
	16 Uninsured adults	Annual	C		64 Primary care physicians	Annual	C	
	17 No of Primary Care Physicians	Annual	C		65 Dentist Rate	Annual	C	
	18 Primary Care Physicians Rate	Annual	C		66 Drinking water violations	Annual	C	
	19 Primary Care Physicians Ratio	Annual	C		67 Food environment index	Annual	C	
	20 Preventable hospital stays	Annual	C		68 Alcohol-impaired driving deaths	Annual	C	
	21 No of Medicare Enrollees	Annual	C		69 No of Alcohol-Impaired Driving Deaths	Annual	C	
	22 Preventable Hosp. Rate	Annual	C		70 No of Mental Health Providers	Annual	C	
	23 Diabetic monitoring	Annual	C		71 No of Injury Deaths	Annual	C	
	24 No of Diabetics	Annual	C		72 No of Households with Severe Problems	Annual	C	
	25 % Hospice Use	Annual	C		73 No of Diabetic	Annual	C	
	26 High school graduation PRE 2014	Annual	C		74 No of HIV Cases	Annual	C	
	27 College degrees	Annual	C		75 Children eligible for free lunch	Annual	C	
	28 Children in poverty	Annual	C		76 Illiteracy Rate	Annual	C	
	29 Income inequality	Annual	C		77 Homicides	Annual	C	
	30 Income Ratio	Annual	C		78 Premature age-adjusted mortality	Annual	C	
	31 Inadequate social support	Annual	C		79 Age-Adjusted Mortality	Annual	C	
	32 % No Social-Emotional Support	Annual	C		80 Child Mortality Rate	Annual	C	
	33 Children in single-parent households	Annual	C		81 Infant Mortality Rate	Annual	C	
	34 Violent crime	Annual	C		82 Uninsured children	Annual	C	
	35 Annual Violent Crimes	Annual	C		83 Access to Parks	Annual	C	
	36 Violent Crime Rate	Annual	C		84 Drug Poisoning Mortality Rate	Annual	C	
	37 No of Violent Crimes	Annual	C					
	38 Homicide rate	Annual	C					

* Denotes data points that appear within the application. The others are available upon request via support@muniRisk.com

APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

Sector coverage includes:	A. American Hospital Association (AHA) Hospital-level Data			Frequency	Reporting Level	Shown in App	A. American Hospital Association (AHA) Hospital-level Data, Cont'd			Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	1	Identification Number	Annual	Hospital	*		49	Pediatric Intensive Care Beds	Annual	Hospital	*	
Airports	2	Region Code	Annual	Hospital	*		50	Burn Care Beds	Annual	Hospital	*	
Higher Education	3	Numeric Census State Code	Annual	Hospital	*		51	Other Intensive Care Beds	Annual	Hospital	*	
School Districts	4	Hospital Number	Annual	Hospital	*		52	Other Special Care Beds	Annual	Hospital	*	
Data Sources include:	5	Beginning of Reporting Period	Annual	Hospital	*		53	Physical Rehabilitation Beds	Annual	Hospital	*	
	6	End of Reporting Period	Annual	Hospital	*		54	Alcohol Drug Abuse Beds	Annual	Hospital	*	
American Hospital Association (AHA)	7	Days Open During Reporting Period	Annual	Hospital	*		55	Psychiatric Beds	Annual	Hospital	*	
Integrated Postsecondary Education Data System (IPEDS)	8	Beginning Date of Fiscal Year	Annual	Hospital	*		56	Skilled Nursing Beds	Annual	Hospital	*	
EDFacts	9	Control Code	Annual	Hospital	*		57	Intermediate Nursing Care Beds	Annual	Hospital	*	
Department of Transportation (DOT)	10	Service Code	Annual	Hospital	*		58	Acute Long Term Care Beds	Annual	Hospital	*	
* Denotes data points that appear within the application. The others are available upon request via support@munitask.com	11	Registered Hospital	Annual	Hospital	*		59	Other Long Term Care Beds	Annual	Hospital	*	
	12	Care Type	Annual	Hospital	*		60	Other Care Beds	Annual	Hospital	*	
	13	Hospital Name	Annual	Hospital	*		61	Total Hospital Beds	Annual	Hospital	*	
	14	Hospital Street Address	Annual	Hospital	*		62	Obstetric Unit Care Level	Annual	Hospital	*	
	15	City	Annual	Hospital	*		63	Facility Expenses Excluding Bad Debt	Annual	Hospital	*	
	16	Zip Code	Annual	Hospital	*		64	Facility Expenses Including Bad Debt	Annual	Hospital	*	
	17	Postal State Code	Annual	Hospital	*		65	Nursing Home Expenses	Annual	Hospital	*	
	18	Community Hospital Code	Annual	Hospital	*		66	Percent of Net Patient Revenue Capitated Basis	Annual	Hospital	*	
	19	Bed Size Code	Annual	Hospital	*		67	Pct of Net Patient Revenue Shared Risk Basis	Annual	Hospital	*	
	20	System Member	Annual	Hospital	*		68	Total Facility Payroll Expenses	Annual	Hospital	*	
	21	Group Purchasing Organization Name	Annual	Hospital	*		69	Total Facility Employee Benefits	Annual	Hospital	*	
	22	Group Purchasing Organization City	Annual	Hospital	*		70	Hospital Unit Payroll Expenses	Annual	Hospital	*	
	23	Group Purchasing Organization State Code	Annual	Hospital	*		71	Hospital Unit Employee Benefits	Annual	Hospital	*	
	24	Host Hospital City	Annual	Hospital	*		72	Nursing Home Payroll Expenses	Annual	Hospital	*	
	25	Host Hospital State	Annual	Hospital	*		73	Nursing Home Employee Benefits	Annual	Hospital	*	
	26	System Identifier	Annual	Hospital	*		74	Licensed Beds Total Facility	Annual	Hospital	*	
	27	System Name	Annual	Hospital	*		75	Facility Beds Set Up and Staffed	Annual	Hospital	*	
	28	System Address	Annual	Hospital	*		76	Total Facility Admissions	Annual	Hospital	*	
	29	System City	Annual	Hospital	*		77	Facility Inpatient Days	Annual	Hospital	*	
	30	System State	Annual	Hospital	*		78	Hospital Unit Admissions	Annual	Hospital	*	
	31	Medicare Provider Number	Annual	Hospital	*		79	Hospital Beds	Annual	Hospital	*	
	32	Lives Covered	Annual	Hospital	*		80	Hospital Admissions	Annual	Hospital	*	
	33	Independent Practice Number of Physicians	Annual	Hospital	*		81	Hospital Unit Inpatient Days	Annual	Hospital	*	
	34	Group Practice Number of Physicians	Annual	Hospital	*		82	Licensed Beds Total Long Term Care	Annual	Hospital	*	
	35	Number of Open Physicians	Annual	Hospital	*		83	Nursing Home Beds Set Up and Staffed	Annual	Hospital	*	
	36	Number of Closed Physicians	Annual	Hospital	*		84	Nursing Home Admissions	Annual	Hospital	*	
	37	Management Service Org Number of Physicians	Annual	Hospital	*		85	Nursing Home Inpatient Days	Annual	Hospital	*	
	38	Number of Physicians Integrated Salary Model	Annual	Hospital	*		86	Total Facility Medicare Discharges	Annual	Hospital	*	
	39	Number of Physicians Equity Model	Annual	Hospital	*		87	Total Facility Medicare Days	Annual	Hospital	*	
	40	Number of Physicians Foundation	Annual	Hospital	*		88	Total Facility Medicaid Discharges	Annual	Hospital	*	
	41	Number of Physicians Other	Annual	Hospital	*		89	Total Facility Medicaid Days	Annual	Hospital	*	
	42	Full Time Physicians and Dentists	Annual	Hospital	*		90	Hospital Unit Medicare Discharges	Annual	Hospital	*	
	43	Adult Medical and Surgical Beds	Annual	Hospital	*		91	Hospital Unit Medicare Days	Annual	Hospital	*	
	44	Pediatric Medical and Surgical Beds	Annual	Hospital	*		92	Hospital Unit Medicaid Discharges	Annual	Hospital	*	
	45	Obstetric Care Beds	Annual	Hospital	*		93	Hospital Unit Medicaid Days	Annual	Hospital	*	
	46	Medical and Surgical Intensive Care Beds	Annual	Hospital	*		94	Nursing Home Medicare Discharges	Annual	Hospital	*	
	47	Cardiac Intensive Care beds	Annual	Hospital	*		95	Nursing Home Medicare Days	Annual	Hospital	*	
	48	Neonatal Intensive Care Beds	Annual	Hospital	*		96	Nursing Home Medicaid Discharges	Annual	Hospital	*	
	49	Neonatal Intermediate Care Beds	Annual	Hospital	*		97	Nursing Home Medicaid Days	Annual	Hospital	*	

APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

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APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

Sector coverage includes:	B. Hospital-level Healthcare Cost Report Information (HCRIS), Cont'd			Frequency	Reporting Level	Shown in App	B. Hospital-level Healthcare Cost Report Information (HCRIS), Cont'd			Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	79	Durable Medical Equipment Sold - Dir. Exp.		Annual	Hospital	*	127	Major Movable Equipment		Annual	Hospital	*
Airports	80	Other Reimbursable - Dir. Exp.		Annual	Hospital	*	128	Accum Depreciation Major Mov Equip		Annual	Hospital	*
Higher Education	81	Outpatient Rehab Provider - Dir. Exp.		Annual	Hospital	*	129	Minor Equipment Depreciable		Annual	Hospital	*
School Districts	82	Int - Res Svc (Non App Teach Prog) - Dir. Exp.		Annual	Hospital	*	130	Accum Depreciation Minor Mov Equip		Annual	Hospital	*
Data Sources include: American Hospital Association (AHA) Integrated Postsecondary Education Data System (IPEDS) EDFacts Department of Transportation (DOT) * Denotes data points that appear within the application. The others are available upon request via support@munitask.com	83	Home Health Agency - Dir. Exp.		Annual	Hospital	*	131	Health IT Designated Assets		Annual	Hospital	*
	84	Kidney Acquisition - Dir. Exp.		Annual	Hospital	*	132	Accumulated Depreciation Health IT		Annual	Hospital	*
	85	Heart Acquisition - Dir. Exp.		Annual	Hospital	*	133	Minor Equipment Nondepreciable		Annual	Hospital	*
	86	Liver Acquisition - Dir. Exp.		Annual	Hospital	*	134	Total Fixed Assets		Annual	Hospital	*
	87	Lung Acquisition - Dir. Exp.		Annual	Hospital	*	135	Investments		Annual	Hospital	*
	88	Pancreas Acquisition - Dir. Exp.		Annual	Hospital	*	136	Deposits on Leases		Annual	Hospital	*
	89	Intestinal Acquisition - Dir. Exp.		Annual	Hospital	*	137	Due from Owners/Officers		Annual	Hospital	*
	90	Islet Acquisition - Dir. Exp.		Annual	Hospital	*	138	Other Assets		Annual	Hospital	*
	91	Other Organ Acquisition - Dir. Exp.		Annual	Hospital	*	139	Total Other Assets		Annual	Hospital	*
	92	Interest Expense - Dir. Exp.		Annual	Hospital	*	140	Total Assets		Annual	Hospital	*
	93	Utilization Rvw Skilled Nurs Fac - Dir. Exp.		Annual	Hospital	*	141	Accounts Payable		Annual	Hospital	*
	94	Other Capital Related Costs		Annual	Hospital	*	142	Salaries Wages and Fees Payable		Annual	Hospital	*
	95	Ambulatory Surg Center (Dist Part) - Dir. Exp.		Annual	Hospital	*	143	Payroll Taxes Payable		Annual	Hospital	*
	96	Hospice - Dir. Exp.		Annual	Hospital	*	144	Notes and Loans Payable (Short Term)		Annual	Hospital	*
	97	Other Special Purpose - Dir. Exp.		Annual	Hospital	*	145	Deferred Income		Annual	Hospital	*
	98	Subtotals - Dir. Exp.		Annual	Hospital	*	146	Accelerated Payments		Annual	Hospital	*
	99	Gift Flower Coffee Shop Canteen - Dir. Exp.		Annual	Hospital	*	147	Due to Other Funds		Annual	Hospital	*
	100	Research - Dir. Exp.		Annual	Hospital	*	148	Other Current Liabilities		Annual	Hospital	*
	101	Physicians Private Offices - Dir. Exp.		Annual	Hospital	*	149	Total Current Liabilities		Annual	Hospital	*
	102	Nonpaid Workers - Dir. Exp.		Annual	Hospital	*	150	Mortgage Payable		Annual	Hospital	*
	103	Other Nonreimbursable - Dir. Exp.		Annual	Hospital	*	151	Notes Payable		Annual	Hospital	*
	104	Total - Dir. Exp.		Annual	Hospital	*	152	Unsecured Loans		Annual	Hospital	*
	105	Cash on Hand and Banks		Annual	Hospital	*	153	Loans from Owners		Annual	Hospital	*
	106	Temporary Investments		Annual	Hospital	*	154	Other LT Liabilities		Annual	Hospital	*
	107	Notes Receivable		Annual	Hospital	*	155	Total LT Liabilities		Annual	Hospital	*
	108	Accounts Receivable		Annual	Hospital	*	156	Total Liabilities		Annual	Hospital	*
	109	Other Receivables		Annual	Hospital	*	157	GF Balance		Annual	Hospital	*
	110	Allow for Uncollectible Notes & AR		Annual	Hospital	*	158	Specific Purpose Fund		Annual	Hospital	*
	111	Inventory		Annual	Hospital	*	159	Donor Created Endowment Fd Bal Retr		Annual	Hospital	*
	112	Prepaid Expenses		Annual	Hospital	*	160	Donor Created Endowment Fd Bal Unrstr		Annual	Hospital	*
	113	Other Current Assets		Annual	Hospital	*	161	Gov Body Created Endowment Fd Bal		Annual	Hospital	*
	114	Due From Other Funds		Annual	Hospital	*	162	Plant Fund Balance Invested Plant		Annual	Hospital	*
	115	Total Current Assets		Annual	Hospital	*	163	Plant Fund Bal Res for Plant Improv		Annual	Hospital	*
	116	Land		Annual	Hospital	*	164	Total Fund Balances		Annual	Hospital	*
	117	Land Improvements		Annual	Hospital	*	165	Total Liabilities and Fund Balances		Annual	Hospital	*
	118	Accumulated Depreciation Land		Annual	Hospital	*	166	Hospital Revenue		Annual	Hospital	*
	119	Buildings		Annual	Hospital	*	167	Subprovider Inpatient Psych Fac Rev		Annual	Hospital	*
	120	Accumulated Depreciation Building		Annual	Hospital	*	168	Subprovider Inpatient Rehab Fac Rev		Annual	Hospital	*
	121	Leasehold Improvements		Annual	Hospital	*	169	Subprovider (Other) Revenue		Annual	Hospital	*
	122	Accumulated Depreciation Leasehold		Annual	Hospital	*	170	Swing Bed - Skilled Nursing Fac Rev		Annual	Hospital	*
	123	Fixed Equipment		Annual	Hospital	*	171	Swing Bed - Nursing Facility Revenue		Annual	Hospital	*
	124	Accum Depreciation Fixed Equipment		Annual	Hospital	*	172	Skilled Nursing Facility Revenue		Annual	Hospital	*
	125	Automobiles and Trucks		Annual	Hospital	*	173	Nursing Facility Revenue		Annual	Hospital	*
	126	Accum Depreciation Auto & Trucks		Annual	Hospital	*	174	Other LT Care Revenue		Annual	Hospital	*

APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

Sector coverage includes:	B. Hospital-level Healthcare Cost Report Information (HCRIS), Cont'd			Frequency	Reporting Level		B. Hospital-level Healthcare Cost Report Information (HCRIS), Cont'd			Frequency	Reporting Level	
Hospitals & Healthcare	175	Total Genl Inpatient Care Services Rev		Annual	Hospital	*	223	Wage - Related Costs (Core)		Annual	Hospital	*
Airports	176	ICU Revenue		Annual	Hospital	*	224	Wage - Related Costs (Other)		Annual	Hospital	*
Higher Education	177	Coronary Care Unit Revenue		Annual	Hospital	*	225	Excluded Area - Wage Related		Annual	Hospital	*
School Districts	178	Burn ICU Revenue		Annual	Hospital	*	226	Non Phys Anesthetist Part A - Wage Rel		Annual	Hospital	*
	179	Surgical ICU Revenue		Annual	Hospital	*	227	Non Phys Anesthetist Part B - Wage Rel		Annual	Hospital	*
Data Sources include:	180	Other Special Care Revenue		Annual	Hospital	*	228	Physician Anesthetist Part A		Annual	Hospital	*
American Hospital Association (AHA)	181	Total IC Typ Inpatient Hosp Svc Rev		Annual	Hospital	*	229	Physician Anesthetist Part B		Annual	Hospital	*
Integrated Postsecondary Education Data System (IPEDS)	182	Tot Inpatient Routine Care Svcs Rev		Annual	Hospital	*	230	Wage Related Costs (RHC/FQHC)		Annual	Hospital	*
EDFacts	183	Ancillary Services Revenue		Annual	Hospital	*	231	Interns & Res (Approved Prog) Wage Rel		Annual	Hospital	*
Department of Transportation (DOT)	184	Outpatient Services Revenue		Annual	Hospital	*	232	Employee Benefits		Annual	Hospital	*
	185	Home Health Agency Revenue		Annual	Hospital	*	233	Administrative and General Expenses		Annual	Hospital	*
	186	Ambulance Revenue		Annual	Hospital	*	234	Administrative and General (Under Cont)		Annual	Hospital	*
<i>* Denotes data points that appear within the application.</i>	187	Outpatient Rehab Providers Rev		Annual	Hospital	*	235	Maintenance and Repairs		Annual	Hospital	*
<i>The others are available upon request via support@munitask.com</i>	188	Ambulatory Service Center Revenue		Annual	Hospital	*	236	Operation Plant		Annual	Hospital	*
	189	Hospice Revenue		Annual	Hospital	*	237	Laundry and Linen Service		Annual	Hospital	*
	190	Other Revenue (Section G2)		Annual	Hospital	*	238	Housekeeping		Annual	Hospital	*
	191	Total Patient Revenues Revenue		Annual	Hospital	*	239	Housekeeping (Under Contract)		Annual	Hospital	*
	192	OpEx Expense		Annual	Hospital	*	240	Dietary		Annual	Hospital	*
	193	Total Additions Expense		Annual	Hospital	*	241	Dietary (Under Contract)		Annual	Hospital	*
	194	Total Deductions Expense		Annual	Hospital	*	242	Cafeteria		Annual	Hospital	*
	195	Total OpEx Expense		Annual	Hospital	*	243	Maintenance Personnel		Annual	Hospital	*
	196	Total Patient Revenues		Annual	Hospital	*	244	Nursing Administration		Annual	Hospital	*
	197	Less Cont Allow & Disc on Pat Acct		Annual	Hospital	*	245	Central Services and Supply		Annual	Hospital	*
	198	Net Patient Revenues		Annual	Hospital	*	246	Pharmacy		Annual	Hospital	*
	199	Less Total OpEx		Annual	Hospital	*	247	Medical Records and Medical Rec Library		Annual	Hospital	*
	200	Net Income from Service to Patients		Annual	Hospital	*	248	Social Service		Annual	Hospital	*
	201	Income from Investments		Annual	Hospital	*	249	Other General Service		Annual	Hospital	*
	202	Governmental Appropriations		Annual	Hospital	*	250	Name		Annual	Hospital	*
	203	Total Other Income		Annual	Hospital	*	251	Street		Annual	Hospital	*
	204	Total Income (Section G3)		Annual	Hospital	*	252	City		Annual	Hospital	*
	205	Total Other Expenses (Section G3)		Annual	Hospital	*	253	State		Annual	Hospital	*
	206	NI or loss for Period (Section G3)		Annual	Hospital	*	254	Zip Code		Annual	Hospital	*
	207	Total Salaries		Annual	Hospital	*	255	County		Annual	Hospital	*
	208	Non-Physician Anesthetist Part A		Annual	Hospital	*	256	Provider Hospital		Annual	Hospital	*
	209	Non-Physician Anesthetist Part B		Annual	Hospital	*	257	Beginning Date		Annual	Hospital	*
	210	Physician - Part A		Annual	Hospital	*	258	Ending Date		Annual	Hospital	*
	211	Physician - Part B		Annual	Hospital	*	259	Disproportionate Share Hospital		Annual	Hospital	*
	212	Non-Physician - Part B		Annual	Hospital	*	260	Referral Center		Annual	Hospital	*
	213	Interns and Residents (Approved Prog)		Annual	Hospital	*	261	Transplant Center		Annual	Hospital	*
	214	Home Office Personnel Salaries		Annual	Hospital	*	262	Teaching Center		Annual	Hospital	*
	215	Skilled Nursing Facility Salaries		Annual	Hospital	*	263	Urban/Rural		Annual	Hospital	*
	216	Excluded Area Salaries		Annual	Hospital	*	264	Revenues from Uncompensated Care		Annual	Hospital	*
	217	Contract Labor		Annual	Hospital	*	265	Gross Medicaid Revenues		Annual	Hospital	*
	218	Management & Administrative Services		Annual	Hospital	*	266	Rev from St & Local Indigent Care Prog		Annual	Hospital	*
	219	Contract Labor Physician - Part A		Annual	Hospital	*	267	Rev Related to St Child Hlth Insur Prog		Annual	Hospital	*
	220	Home Office - Sal & Wages - Rel Costs		Annual	Hospital	*	268	Restricted Grants		Annual	Hospital	*
	221	Home Office - Physician - Part A		Annual	Hospital	*	269	Non-Restricted Grants		Annual	Hospital	*
	222	Teaching Physician Salaries		Annual	Hospital	*	270	Total Gross Uncompensated Care Revenues		Annual	Hospital	*

APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

Sector coverage includes:	B. Hospital-level Healthcare Cost Report Information (HCRIS), Cont'd			Frequency	Reporting Level	Shown in App	E. Origin Information, Cont'd			Frequency	Reporting Level	Shown in App											
Hospitals & Healthcare	271	Chrg Patients Covered St Indigent Prog		Annual	Hospital	*	9	Origin Airport, Country		Monthly	Flight Level	*											
Airports	272	Cost to Charge Ratio		Annual	Hospital	*	10	Origin Airport, Country Name		Monthly	Flight Level	*											
Higher Education	273	Tot State & Local Indigent Care Prog Cst		Annual	Hospital	*	11	Origin Airport, World Area Code		Monthly	Flight Level	*											
School Districts	274	Tot State Childrens Hlth Insur Prog Chrg		Annual	Hospital	*	F. Destination Information																
Data Sources include:	275	Tot State Childrens Hlth Insur Prog Cst		Annual	Hospital	*							1	Destination Airport, Airport ID	Monthly	Flight Level	*						
	276	Total Gross Medicaid Charges		Annual	Hospital	*							2	Destination Airport, Airport Sequence ID	Monthly	Flight Level	*						
	277	Total Gross Medicaid Cost		Annual	Hospital	*							3	Destination Airport, City Market ID	Monthly	Flight Level	*						
	278	Other Uncompensated Care Charges		Annual	Hospital	*							4	Destination Airport Code	Monthly	Flight Level	*						
	279	Cost Non-Medicare Bad Debt Expense		Annual	Hospital	*							5	Dest Airport, City Name	Monthly	Flight Level	*						
	280	Uncompensated Care Cost		Annual	Hospital	*							6	Destination Airport, State	Monthly	Flight Level	*						
	281	Total Uncompensated Cost to Hospital		Annual	Hospital	*							7	Destination Airport, State FIPS Code	Monthly	Flight Level	*						
	282	Miscellaneous Non-Patient Revenue		Annual	Hospital	*							8	Destination Airport, State Name	Monthly	Flight Level	*						
	283	Year		Annual	Hospital	*							9	Destination Airport, Country	Monthly	Flight Level	*						
	284	Days Report		Annual	Hospital	*							10	Destination Airport, Country Name	Monthly	Flight Level	*						
							11	Destination Airport, World Area Code	Monthly	Flight Level	*												
C. T-100 Flight Level Data																							
	1	Departures Scheduled		Monthly	Flight Level	*	G. Aircraft																
	2	Departures Performed		Monthly	Flight Level	*							1	Aircraft Group	Monthly	Flight Level	*						
	3	Payload, in Pounds		Monthly	Flight Level	*							2	Aircraft Type	Monthly	Flight Level	*						
	4	Available Seats		Monthly	Flight Level	*							3	Aircraft Configuration	Monthly	Flight Level	*						
	5	Non-Stop Segment Passengers Transported		Monthly	Flight Level	*							H. Time Period of Reporting										
	6	Non-Stop Segment Freight Transported (pounds)		Monthly	Flight Level	*													1	Year	Monthly	Flight Level	*
	7	Non-Stop Segment Mail Transported (pounds)		Monthly	Flight Level	*													2	Quarter (1-4)	Monthly	Flight Level	*
	8	Distance between airports (miles)		Monthly	Flight Level	*													3	Month	Monthly	Flight Level	*
	9	Load Factor: Ratio of Passenger Miles to Available Seat Miles		Monthly	Flight Level	*													I. Other Information				
	10	Ramp-to-Ramp Time, in Minutes		Monthly	Flight Level	*							1	Distance Intervals, every 500 Miles, for Flight Segment	Monthly	Flight Level	*						
	11	Air Time, in Minutes		Monthly	Flight Level	*							2	Service Class	Monthly	Flight Level	*						
D. Carrier Information																							
	1	Unique Carrier Code		Monthly	Flight Level	*	3	Source of Data (D=Domestic, I=International)	Monthly	Flight Level	*												
	2	Airline ID		Monthly	Flight Level	*	J. Transportation_Airport																
	3	Unique Carrier Name		Monthly	Flight Level	*							1	Total Movements	Monthly	Airports_DOT	*						
	4	Unique Entity for a Carrier's Operation Region		Monthly	Flight Level	*							2	Total Enplanements	Monthly	Airports_DOT	*						
	5	Carrier's Operation Region		Monthly	Flight Level	*							3	Total Cargo (Tons)	Monthly	Airports_DOT	*						
	6	Carrier Code		Monthly	Flight Level	*							4	Count of Operating Air Carries	Monthly	Airports_DOT	*						
	7	Carrier Name		Monthly	Flight Level	*							5	Largest Airline	Monthly	Airports_DOT	*						
	8	Carrier Group Code		Monthly	Flight Level	*							6	Largest Airline Marketshare	Monthly	Airports_DOT	*						
	9	Carrier Group New		Monthly	Flight Level	*							7	Second Largest Airline	Monthly	Airports_DOT	*						
													8	Second Largest Airline Marketshare	Monthly	Airports_DOT	*						
E. Origin Information																							
	1	Origin Airport ID		Monthly	Flight Level	*	9	Third Largest Airline	Monthly	Airports_DOT	*												
	2	Origin Airport, Airport Sequence ID		Monthly	Flight Level	*	10	Third Largest Airline Marketshare	Monthly	Airports_DOT	*												
	3	Origin Airport, City Market ID		Monthly	Flight Level	*																	
	4	Origin Airport Code		Monthly	Flight Level	*																	
	5	Origin Airport, City Name		Monthly	Flight Level	*																	
	6	Origin Airport, State		Monthly	Flight Level	*																	
	7	Origin Airport, State FIPS Code		Monthly	Flight Level	*																	
	8	Origin Airport, State Name		Monthly	Flight Level	*																	
* Denotes data points that appear within the application. The others are available upon request via support@munitask.com																							

APPENDIX D: SECTOR-SPECIFIC OPERATIONAL DATA FROM THIRD-PARTY DATA SOURCES (NOT THE OBLIGOR)

Sector coverage includes:	K. Education_Higher Ed	Frequency	Reporting Level	Shown in App	K. Education_Higher Ed, Cont'd	Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	1 Enrollment of Attendance Status	Annual	IPEDS	*	49 University Attribute - Multi-institution or multi-campus organization	Annual	IPEDS	
Airports	2 Enrollment by Degree Type	Annual	IPEDS	*	50 University Attribute - Name of multi-institution or multi-campus organization	Annual	IPEDS	
Higher Education	3 Enrollment by Race & Ethnicity	Annual	IPEDS	*	51 University Attribute - Fips County code	Annual	IPEDS	
School Districts	4 Enrollment by Gender	Annual	IPEDS	*	52 University Attribute - County name	Annual	IPEDS	
	5 Full Time Class Retention Rate	Annual	IPEDS	*				
	6 Graduation Rate by Degree Type	Annual	IPEDS	*				
	7 Graduate Rate by Completion Time	Annual	IPEDS	*				
	8 Completions by Degree Type	Annual	IPEDS	*				
	9 Completions by Major	Annual	IPEDS	*				
	10 Completions by Tenure	Annual	IPEDS	*				
	11 Admission test scores	Annual	IPEDS	*				
	12 Fall reporting period for SAT/ACT test scores	Annual	IPEDS	*				
	13 Percent of first-time degree/certificate-seeking students submitting SAT scores	Annual	IPEDS	*				
	14 Number of first-time degree/certificate-seeking students submitting ACT scores	Annual	IPEDS	*				
	15 SAT Critical Reading 75th percentile score	Annual	IPEDS	*				
	16 SAT Writing 75th percentile score	Annual	IPEDS	*				
	17 SAT Math 75th percentile score	Annual	IPEDS	*				
	18 ACT Composite 75th percentile score	Annual	IPEDS	*				
	19 ACT English 75th percentile score	Annual	IPEDS	*				
	20 ACT Math 75th percentile score	Annual	IPEDS	*				
	21 Member of National Athletic Association	Annual	IPEDS	*				
	22 Member of National Collegiate Athletic Association (NCAA)	Annual	IPEDS	*				
	23 Member of National Association of Intercollegiate Athletics (NAIA)	Annual	IPEDS	*				
	24 Member of National Junior College Athletic Association (NJCAA)	Annual	IPEDS	*				
	25 Member of National Small College Athletic Association (NSCAA)	Annual	IPEDS	*				
	26 Total dormitory capacity	Annual	IPEDS	*				
	27 Typical room charge for academic year	Annual	IPEDS	*				
	28 Typical board charge for academic year	Annual	IPEDS	*				
	29 Combined charge for room and board	Annual	IPEDS	*				
	30 Enrolled total	Annual	IPEDS	*				
	31 Applicants total	Annual	IPEDS	*				
	32 Admissions total	Annual	IPEDS	*				
	33 Enrolled full time total	Annual	IPEDS	*				
	34 Enrolled part time total	Annual	IPEDS	*				
	35 All programs offered completely via distance education	Annual	IPEDS	*				
	36 Percent of undergraduates formally registered as students with disabilities	Annual	IPEDS	*				
	37 University Attribute - Institution (entity) name	Annual	IPEDS					
	38 University Attribute - Street address or post office box	Annual	IPEDS					
	39 University Attribute - City location of institution	Annual	IPEDS					
	40 University Attribute - State abbreviation	Annual	IPEDS					
	41 University Attribute - ZIP code	Annual	IPEDS					
	42 University Attribute - FIPS state code	Annual	IPEDS					
	43 University Attribute - Geographic region	Annual	IPEDS					
	44 University Attribute - General information telephone number	Annual	IPEDS					
	45 University Attribute - Highest degree offered	Annual	IPEDS					
	46 University Attribute - Historically Black College or University	Annual	IPEDS					
	47 University Attribute - Institution has hospital	Annual	IPEDS					
	48 University Attribute - Land Grant Institution	Annual	IPEDS					

* Denotes data points that appear within the application.
The others are available upon request via support@munitrisk.com

APPENDIX E: SECTOR-SPECIFIC FINANCIAL AND OPERATIONAL DATA FROM OBLIGOR FINANCIAL STATEMENTS & CONTINUING DISCLOSURES

Sector coverage includes:	A. Healthcare/Senior Living Obligor-Other specific Information	Frequency	Reporting Level	Shown in App	A. Healthcare/Senior Living Obligor-Other specific Information, Cont'd	Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	1 Patient Services Revenues	Annual, Quarterly	Entity_As Reported_CAFR	*	49 Total Occupied Units (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*
Airports	2 Housing Services Revenues	Annual, Quarterly	Entity_As Reported_CAFR	*	50 Occupancy Rate - Independent Living	Annual, Quarterly	Entity_As Reported_CAFR	*
Higher Education	3 Healthcare Revenues	Annual, Quarterly	Entity_As Reported_CAFR	*	51 Occupancy Rate - Skilled Nursing	Annual, Quarterly	Entity_As Reported_CAFR	*
School Districts	4 Community Care Revenues	Annual, Quarterly	Entity_As Reported_CAFR	*	52 Occupancy Rate - Assisted Living	Annual, Quarterly	Entity_As Reported_CAFR	*
	5 Total Resident Services (CCRC) Revenues	Annual, Quarterly	Entity_As Reported_CAFR	*	53 Occupancy Rate - Memory Care	Annual, Quarterly	Entity_As Reported_CAFR	*
Reporting Level Key	6 Residence Fees (CCRC Rental)	Annual, Quarterly	Entity_As Reported_CAFR	*	54 Overall Occupancy Rate (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*
Comprehensive Annual Financial Report (CAFR)	7 Skilled Nursing Revenues (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*				
	8 Assisted Living Revenues (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*	B. Education_Higher Ed_Other specific Information			
<i>* Denotes data points that appear within the application. The others are available upon request via support@munitrisk.com</i>	9 Adult Day/Home Health Revenues (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*	1 Student Tuition and Fees	Annual	Public & Priv. University_CAFR	*
	10 Amortization of Entrance Fees (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*	2 Grants and Contracts Revenue	Annual	Public & Priv. University_CAFR	*
	11 Hospital Expenses	Annual, Quarterly	Entity_As Reported_CAFR	*	3 Endowments and Gifts Revenue	Annual	Public & Priv. University_CAFR	*
	12 Nursing Expenses	Annual, Quarterly	Entity_As Reported_CAFR	*	4 Academic Support Expense	Annual	Public & Priv. University_CAFR	*
	13 Healthcare Expenses	Annual, Quarterly	Entity_As Reported_CAFR	*	5 Research Expense	Annual	Public & Priv. University_CAFR	*
	14 Housing Services Expenses	Annual, Quarterly	Entity_As Reported_CAFR	*	6 Student Services Expense	Annual	Public & Priv. University_CAFR	*
	15 Social Services Expenses	Annual, Quarterly	Entity_As Reported_CAFR	*	7 Public Service Expense	Annual	Public & Priv. University_CAFR	*
	16 Number of Employees	Annual, Quarterly	Entity_As Reported_CAFR	*	8 Scholarships and Fellowships Expense	Annual	Public & Priv. University_CAFR	*
	17 Number of Licensed Beds	Annual, Quarterly	Entity_As Reported_CAFR	*	9 Student Acceptance Rate	Annual	Public & Priv. University_CAFR	*
	18 Number of Beds in Service	Annual, Quarterly	Entity_As Reported_CAFR	*	10 Number of Employees	Annual	Public & Priv. University_CAFR	*
	19 Number of Occupied Beds	Annual, Quarterly	Entity_As Reported_CAFR	*	11 Student Enrollment	Annual	Public & Priv. University_CAFR	*
	20 Number of Admissions	Annual, Quarterly	Entity_As Reported_CAFR	*	12 Total Number of Applicants	Annual	Public & Priv. University_CAFR	*
	21 Number of Births	Annual, Quarterly	Entity_As Reported_CAFR	*	13 Number of Applicants Accepted	Annual	Public & Priv. University_CAFR	*
	22 Patient Discharges	Annual, Quarterly	Entity_As Reported_CAFR	*	14 Student Acceptance Rate	Annual	Public & Priv. University_CAFR	*
	23 Inpatient Days	Annual, Quarterly	Entity_As Reported_CAFR	*	15 Students Receiving Financial Aid %	Annual	Public & Priv. University_CAFR	*
	24 Average Length of Stay	Annual, Quarterly	Entity_As Reported_CAFR	*	16 Tuition and Fees (Annual)	Annual	Public & Priv. University_CAFR	*
	25 Occupancy Level %	Annual, Quarterly	Entity_As Reported_CAFR	*	17 In-State Tuition and Fees	Annual	Public & Priv. University_CAFR	*
	26 Emergency Room Visits	Annual, Quarterly	Entity_As Reported_CAFR	*	18 Out-of-State Tuition and Fees	Annual	Public & Priv. University_CAFR	*
	27 Outpatient Visits	Annual, Quarterly	Entity_As Reported_CAFR	*	19 Tuition and Fees Graduate Students	Annual	Public & Priv. University_CAFR	*
	28 Laboratory Visits	Annual, Quarterly	Entity_As Reported_CAFR	*	20 In-State Tuition and Fees (Graduate Students)	Annual	Public & Priv. University_CAFR	*
	29 Inpatient Surgeries	Annual, Quarterly	Entity_As Reported_CAFR	*	21 Out-of-State Tuition and Fees (Graduate Students)	Annual	Public & Priv. University_CAFR	*
	30 Outpatient Surgeries	Annual, Quarterly	Entity_As Reported_CAFR	*	22 Graduation Rate	Annual	Public & Priv. University_CAFR	*
	31 Surgical Cases - Total	Annual, Quarterly	Entity_As Reported_CAFR	*	23 State Appropriations per Student	Annual	Public & Priv. University_CAFR	*
	32 Case Mix Index	Annual, Quarterly	Entity_As Reported_CAFR	*	24 Undergraduate Students FTE	Annual	Public & Priv. University_CAFR	*
	33 Deliveries	Annual, Quarterly	Entity_As Reported_CAFR	*	25 Graduate Students FTE	Annual	Public & Priv. University_CAFR	*
	34 Medicare %	Annual, Quarterly	Entity_As Reported_CAFR	*	26 Educational Expenses per Student	Annual	Public & Priv. University_CAFR	*
	35 Medicaid %	Annual, Quarterly	Entity_As Reported_CAFR	*	27 Professional Employees	Annual	Public & Priv. University_CAFR	*
	36 Other %	Annual, Quarterly	Entity_As Reported_CAFR	*	28 Full-Time Faculty	Annual	Public & Priv. University_CAFR	*
	37 Patients %	Annual, Quarterly	Entity_As Reported_CAFR	*	29 Age of Institution	Annual	Public & Priv. University_CAFR	*
	38 Commercial Insurance %	Annual, Quarterly	Entity_As Reported_CAFR	*				
	39 Managed Care %	Annual, Quarterly	Entity_As Reported_CAFR	*	C. Education_University Endowment Financial Information			
	40 Available Units - Independent Living	Annual, Quarterly	Entity_As Reported_CAFR	*	1 Endowment Size	Annual	Endowment_CAFR	*
	41 Available Units - Skilled Nursing	Annual, Quarterly	Entity_As Reported_CAFR	*	2 Endowment Investment Return %	Annual	Endowment_CAFR	*
	42 Available Units - Assisted Living	Annual, Quarterly	Entity_As Reported_CAFR	*	3 Endowment Gain/(Loss)	Annual	Endowment_CAFR	*
	43 Available Units - Memory Care	Annual, Quarterly	Entity_As Reported_CAFR	*	4 Endowment Fund - Beginning Balance	Annual	Endowment_CAFR	*
	44 Total Available Units (CCRC)	Annual, Quarterly	Entity_As Reported_CAFR	*	5 Endowment Fund - Ending Balance	Annual	Endowment_CAFR	*
	45 Occupied Units - Independent Living	Annual, Quarterly	Entity_As Reported_CAFR	*				
	46 Occupied Units - Skilled Nursing	Annual, Quarterly	Entity_As Reported_CAFR	*				
	47 Occupied Units - Assisted Living	Annual, Quarterly	Entity_As Reported_CAFR	*				
	48 Occupied Units - Memory Care	Annual, Quarterly	Entity_As Reported_CAFR	*				

APPENDIX E: SECTOR-SPECIFIC FINANCIAL AND OPERATIONAL DATA FROM OBLIGOR FINANCIAL STATEMENTS & CONTINUING DISCLOSURES

Sector coverage includes:	D. Assessed Value & Market Value Information					G. Transportation Obligor-specific Information, Cont'd					Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	1	Local Govt. Property Assessed Value	Annual	Local Government (From CAFR)	*	13	Landed Weight	Annual	Entity_As Reported_CAFR	*			
Airports	2	Local Govt. Property Market Value	Annual	Local Government (From CAFR)	*	14	Total Ridership	Annual	Entity_As Reported_CAFR	*			
Higher Education	3	Local Govt. Property Tax Rate Information	Annual	Local Government (From CAFR)	*	15	Total Miles of Roadway	Annual	Entity_As Reported_CAFR	*			
School Districts	4	Personal Property Assessed & Market Value	Annual	Local Government (From CAFR)	*	16	On-Time Arrivals %	Annual	Entity_As Reported_CAFR	*			
	5	Property Tax Delinquency Rate Information	Annual	Local Government (From CAFR)	*	17	On-Time Originations %	Annual	Entity_As Reported_CAFR	*			
	6	Public Utility Assessed & Market Value	Annual	Local Government (From CAFR)	*	18	Toll Traffic	Annual	Entity_As Reported_CAFR	*			
Reporting Level Key	7	Real & Personal Property Exemptions	Annual	Local Government (From CAFR)	*	19	Total Tons	Annual	Entity_As Reported_CAFR	*			
Comprehensive Annual Financial Report (CAFR)	8	Real Property Market/Assessed Value	Annual	Local Government (From CAFR)	*	20	Container Shipping Volume (TEU)	Annual	Entity_As Reported_CAFR	*			
	9	AV of Top 10 Tax Payers Information	Annual	Local Government (From CAFR)	*	21	Construction in Progress	Annual	Entity_As Reported_CAFR	*			
<i>* Denotes data points that appear within the application. The others are available upon request via support@munitrisk.com</i>													
	E. Other Local Govt Information					H. Utility Obligor-specific Information							
	1	Foreclosure Rate	Annual	Local Government (From CAFR)	*	1	Revenue from Electric	Annual	Entity_As Reported_CAFR	*			
	2	Number of Housing Starts	Annual	Local Government (From CAFR)	*	2	Revenue from Gas	Annual	Entity_As Reported_CAFR	*			
	3	School District Educational Expenses per Student	Annual	Local Government (From CAFR)	*	3	Revenue from Water	Annual	Entity_As Reported_CAFR	*			
	4	School District Faculty Information	Annual	Local Government (From CAFR)	*	4	Revenue from Wastewater	Annual	Entity_As Reported_CAFR	*			
	5	School District Expenditure per Pupil	Annual	Local Government (From CAFR)	*	5	Solid Waste Revenues	Annual	Entity_As Reported_CAFR	*			
	6	School District Student Enrollment	Annual	Local Government (From CAFR)	*	6	Telecommunications Revenues	Annual	Entity_As Reported_CAFR	*			
	7	Standardized General Fund Income Ratios	Annual	Local Government (From CAFR)	*	7	Fuel Costs	Annual	Entity_As Reported_CAFR	*			
	8	Total Acreage Development %	Annual	Local Government (From CAFR)	*	8	Purchased Power Cost	Annual	Entity_As Reported_CAFR	*			
						9	Electric Expenses	Annual	Entity_As Reported_CAFR	*			
						10	Purchased Gas Cost	Annual	Entity_As Reported_CAFR	*			
	F. Housing Obligor-specific Information (See Also Monthly Housing Data per Geographic Region in Economic)						11	Gas Expenses	Annual	Entity_As Reported_CAFR	*		
	1	Program Revenues	Annual	Entity_As Reported_CAFR	*	12	Purchased Water	Annual	Entity_As Reported_CAFR	*			
	2	Fees and Charges	Annual	Entity_As Reported_CAFR	*	13	Water Expenses	Annual	Entity_As Reported_CAFR	*			
	3	Loan Fees Revenue	Annual	Entity_As Reported_CAFR	*	14	Wastewater Expenses	Annual	Entity_As Reported_CAFR	*			
	4	Rental Revenues	Annual	Entity_As Reported_CAFR	*	15	Average Billed Electric Residential Revenues	Annual	Entity_As Reported_CAFR	*			
	5	Mortgage Fees Revenue	Annual	Entity_As Reported_CAFR	*	16	Average Billed Electric Commercial Revenues	Annual	Entity_As Reported_CAFR	*			
	6	Mortgage Loans Revenue	Annual	Entity_As Reported_CAFR	*	17	Average Billed Electric Industrial Revenues	Annual	Entity_As Reported_CAFR	*			
	7	Operating Grants/Federal(HUD) Subsidies	Annual	Entity_As Reported_CAFR	*	18	Average Billed Electric Other Revenues	Annual	Entity_As Reported_CAFR	*			
	8	Housing Services Expenses	Annual	Entity_As Reported_CAFR	*	19	Average Billed Electric Retail Revenues	Annual	Entity_As Reported_CAFR	*			
	9	Maintenance & Repairs Expense	Annual	Entity_As Reported_CAFR	*	20	Average Billed Total Electric Revenues	Annual	Entity_As Reported_CAFR	*			
	10	Materials and Supplies Expense	Annual	Entity_As Reported_CAFR	*	21	Average Electric Residential Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	11	Total Sub-Lease Income	Annual	Entity_As Reported_CAFR	*	22	Average Electric Commercial Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	12	Occupancy Rate	Annual	Entity_As Reported_CAFR	*	23	Average Electric Industrial Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
						24	Average Electric Other Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	G. Transportation Obligor-specific Information						25	Average Total Electric Revenue per Customer	Annual	Entity_As Reported_CAFR	*		
	1	Toll Revenues	Annual	Entity_As Reported_CAFR	*	26	Average Billed Bundled Gas Res Revenues per MCF	Annual	Entity_As Reported_CAFR	*			
	2	Concession Fees	Annual	Entity_As Reported_CAFR	*	27	Average Billed Bundled Gas Coml Revenues per MCF	Annual	Entity_As Reported_CAFR	*			
	3	Facility Rental Revs	Annual	Entity_As Reported_CAFR	*	28	Average Billed Bundled Gas Ind Revenues per MCF	Annual	Entity_As Reported_CAFR	*			
	4	Parking Revenues	Annual	Entity_As Reported_CAFR	*	29	Average Billed Bundled Total Gas Revenues per MCF	Annual	Entity_As Reported_CAFR	*			
	5	Landing Fees	Annual	Entity_As Reported_CAFR	*	30	Average Gas Residential Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	6	Transportation Revs	Annual	Entity_As Reported_CAFR	*	31	Average Gas Commercial Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	7	Wharfage Revenues	Annual	Entity_As Reported_CAFR	*	32	Average Gas Industrial Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	8	Passenger Facility Charges	Annual	Entity_As Reported_CAFR	*	33	Average Total Gas Revenue per Customer	Annual	Entity_As Reported_CAFR	*			
	9	Customer Facility Charges	Annual	Entity_As Reported_CAFR	*	34	Average Billed Water Residential Revenue	Annual	Entity_As Reported_CAFR	*			
	10	Total Enplanements	Annual	Entity_As Reported_CAFR	*	35	Average Billed Water Commercial Revenue	Annual	Entity_As Reported_CAFR	*			
	11	Total Passengers	Annual	Entity_As Reported_CAFR	*	36	Average Billed Water Industrial Revenue	Annual	Entity_As Reported_CAFR	*			
	12	Landings	Annual	Entity_As Reported_CAFR	*								

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APPENDIX E: SECTOR-SPECIFIC FINANCIAL AND OPERATIONAL DATA FROM OBLIGOR FINANCIAL STATEMENTS & CONTINUING DISCLOSURES

Sector coverage includes:	H. Utility Obligor-specific Information, Cont'd	Frequency	Reporting Level	Shown in App	H Utility Obligor-specific Information, Cont'd	Frequency	Reporting Level	Shown in App
Hospitals & Healthcare	37 Average Billed Water Other Revenue	Annual	Entity_As Reported_CAFR	*	85 Wastewater - Industrial Revenue	Annual	Entity_As Reported_CAFR	*
Airports	38 Average Billed Water Total Revenue	Annual	Entity_As Reported_CAFR	*	86 Wastewater - Other Revenue	Annual	Entity_As Reported_CAFR	*
Higher Education	39 Average Water Residential Revenue per Customer	Annual	Entity_As Reported_CAFR	*	87 Wastewater Customers - Residential	Annual	Entity_As Reported_CAFR	*
School Districts	40 Average Water Commercial Revenue per Customer	Annual	Entity_As Reported_CAFR	*	88 Wastewater Customers - Commercial	Annual	Entity_As Reported_CAFR	*
	41 Average Water Industrial Revenue per Customer	Annual	Entity_As Reported_CAFR	*	89 Wastewater Customers - Industrial	Annual	Entity_As Reported_CAFR	*
Reporting Level Key	42 Average Water Other Revenue per Customer	Annual	Entity_As Reported_CAFR	*	90 Wastewater Customers - Other	Annual	Entity_As Reported_CAFR	*
Comprehensive Annual Financial Report (CAFR)	43 Average Total Water Revenue per Customer	Annual	Entity_As Reported_CAFR	*	91 Wastewater Customers - Total	Annual	Entity_As Reported_CAFR	*
	44 Average Revenue/KWH	Annual	Entity_As Reported_CAFR	*	92 Gas Sales - Residential (MMBTU)	Annual	Entity_As Reported_CAFR	*
<i>* Denotes data points that appear within the application. The others are available upon request via support@munitrisk.com</i>	45 Average Revenue/Thermal	Annual	Entity_As Reported_CAFR	*	93 Gas Sales - Commercial (MMBTU)	Annual	Entity_As Reported_CAFR	*
	46 Electric Sales, Residential	Annual	Entity_As Reported_CAFR	*	94 Gas Sales - Industrial (MMBTU)	Annual	Entity_As Reported_CAFR	*
	47 Electric Sales, Commercial	Annual	Entity_As Reported_CAFR	*	95 Gas Sales - Interruptible (MMBTU)	Annual	Entity_As Reported_CAFR	*
	48 Electric Sales, Industrial	Annual	Entity_As Reported_CAFR	*	96 Gas Sales - Other (MMBTU)	Annual	Entity_As Reported_CAFR	*
	49 Electric Sales, Other	Annual	Entity_As Reported_CAFR	*	97 Total Gas Sales Volumes (MMBTU)	Annual	Entity_As Reported_CAFR	*
	50 Total Electric Sales, Retail	Annual	Entity_As Reported_CAFR	*	98 Gas Revenue, Residential	Annual	Entity_As Reported_CAFR	*
	51 Total Electric Sales, Wholesale	Annual	Entity_As Reported_CAFR	*	99 Gas Revenue, Commercial	Annual	Entity_As Reported_CAFR	*
	52 Total Electric Sales (MM kWh)	Annual	Entity_As Reported_CAFR	*	100 Gas Revenue, Industrial	Annual	Entity_As Reported_CAFR	*
	53 Electric Revenue, Residential	Annual	Entity_As Reported_CAFR	*	101 Gas Revenue - Interruptible	Annual	Entity_As Reported_CAFR	*
	54 Electric Revenue, Commercial	Annual	Entity_As Reported_CAFR	*	102 Gas Revenue Other	Annual	Entity_As Reported_CAFR	*
	55 Electric Revenue, Industrial	Annual	Entity_As Reported_CAFR	*	103 Gas Customers - Residential	Annual	Entity_As Reported_CAFR	*
	56 Electric Revenue, Other	Annual	Entity_As Reported_CAFR	*	104 Gas Customers - Commercial	Annual	Entity_As Reported_CAFR	*
	57 Total Electric Revenue, Retail	Annual	Entity_As Reported_CAFR	*	105 Gas Customers - Industrial	Annual	Entity_As Reported_CAFR	*
	58 Total Electric Revenue, Wholesale	Annual	Entity_As Reported_CAFR	*	106 Gas Customers - Other	Annual	Entity_As Reported_CAFR	*
	59 Electric Customers - Residential	Annual	Entity_As Reported_CAFR	*	107 Gas Customers - Total	Annual	Entity_As Reported_CAFR	*
	60 Electric Customers - Commercial	Annual	Entity_As Reported_CAFR	*	108 Solid Waste Tipping Fees per Ton	Annual	Entity_As Reported_CAFR	*
	61 Electric Customers - Industrial	Annual	Entity_As Reported_CAFR	*	109 Solid Waste Tons Collected	Annual	Entity_As Reported_CAFR	*
	62 Electric Customers - Other	Annual	Entity_As Reported_CAFR	*				
	63 Electric Customers - Total	Annual	Entity_As Reported_CAFR	*				
	64 Water Sales (kgal) - Residential	Annual	Entity_As Reported_CAFR	*				
	65 Water Sales (kgal) - Commercial	Annual	Entity_As Reported_CAFR	*				
	66 Water Sales (kgal) - Industrial	Annual	Entity_As Reported_CAFR	*				
	67 Water Sales (kgal) - Other	Annual	Entity_As Reported_CAFR	*				
	68 Total Water Sales (kgal)	Annual	Entity_As Reported_CAFR	*				
	69 Water - Residential Revenue	Annual	Entity_As Reported_CAFR	*				
	70 Water - Commercial Revenue	Annual	Entity_As Reported_CAFR	*				
	71 Water - Industrial Revenue	Annual	Entity_As Reported_CAFR	*				
	72 Water - Other Revenue	Annual	Entity_As Reported_CAFR	*				
	73 Water Customers - Residential	Annual	Entity_As Reported_CAFR	*				
	74 Water Customers - Commercial	Annual	Entity_As Reported_CAFR	*				
	75 Water Customers - Industrial	Annual	Entity_As Reported_CAFR	*				
	76 Water Customers - Other	Annual	Entity_As Reported_CAFR	*				
	77 Water Customers - Total	Annual	Entity_As Reported_CAFR	*				
	78 Wastewater Sales (kgal) - Residential	Annual	Entity_As Reported_CAFR	*				
	79 Wastewater Sales (kgal) - Commercial	Annual	Entity_As Reported_CAFR	*				
	80 Wastewater Sales (kgal) - Industrial	Annual	Entity_As Reported_CAFR	*				
	81 Wastewater Sales (kgal) - Other	Annual	Entity_As Reported_CAFR	*				
	82 Total Wastewater Sales (kgal)	Annual	Entity_As Reported_CAFR	*				
	83 Wastewater - Residential Revenue	Annual	Entity_As Reported_CAFR	*				
	84 Wastewater - Commercial Revenue	Annual	Entity_As Reported_CAFR	*				

APPENDIX F: SECURITY MASTER

A. Moody's, S&P and Fitch Rating Fields	
1	Enhanced Global Scale Rating Date & Indicator
2	Enhanced Outlook
3	Enhanced Rating & Effective Date
4	Feed Source
5	Global Scale Rating Date & Indicator
6	Insured Global Scale Rating Date & Indicator
7	Insured Outlook
8	Insured Rating & Rating Date
9	Insured Watch
10	Issuer Global Scale Rating Date & Indicator
11	LT Insured Rating Watch Date
12	LT Municipal Underlying Rating Date
13	LT Rating and Date- Issue Level
14	LT Standard Rating & Date
15	LT Standard Rating Watch & Date
16	LT Underlying Rating Date
17	LT Enhanced Rating Watch
18	LT Muni Underlying Rating Date
19	LT Enhanced Rating Affirmation Date
20	LT Enhanced Rating Watch Date
21	LT Insured Rating Affirmation Date
22	LT Standard Rating Affirmation Date
23	LT Underlying Rating Affirmation Dt
24	LT Underlying Rating Watch Date
25	Moody's Standard & Effective Date
26	Rating
27	Rating Effective Date
28	Rating Watch
29	ST Enhanced Rating & Date
30	ST Enhanced Rating Affirmation Date
31	ST Enhanced Rating Watch
32	ST Enhanced Rating Watch Date
33	ST Rating - Issue Level
34	ST Rating - Issue Rating
35	ST Rating Date - Issue Level
36	ST Standard Rating & Date
37	ST Standard Rating Affirmation Date
38	ST Standard Rating Watch & Date
39	ST Underlying Rating & Date
40	ST Underlying Rating Affirmation Date
41	ST Underlying Rating Watch
42	ST Underlying Rating Watch Date
43	Underlying Global Scale Rating Date & Indicator
44	Underlying Outlook
45	Underlying Rating Watch

B. Municipal Descriptive	
1	1st - 5th Letter of Credit Type & Details
2	Adjustable Coupon Mode & Indicator
3	Advance Refunded Code & Type
4	Alternative Minimum Tax Indicator
5	Amount Outstanding
6	Base Accrual Rate and Date (-1)
7	Bloomberg Company Identifier
8	Bloomberg Sector Code
9	Bond Form
10	Bond to Equity Ticker
11	Calculation Type & Description
12	Call Feature
13	Call Indicator
14	Call Notification with Max. & Min. Days
15	Call Redemption Method
16	Call Schedule - Discrete
17	Call Type
18	City of the Registrar, Trustee, and Underwriter
19	Collateral Type
20	Completely Called Indicator
21	Coupon, Coupon Frequency, and Type
22	Credit Enhancements
23	Cusip Number
24	Day Count & Description
25	Defaulted/Bankruptcy Indicator
26	Derivative Type
27	Distressed Security Indicator
28	Extraordinary Redemption Flag & Type
29	Federal Taxable
30	Feed Source
31	First Coupon Payment Date
32	First Settle Date
33	First Tax Credit Payment Date
34	Fiscal Year End Date
35	Floater Indicator Details and Dates
36	GIC Provider ID BB Company
37	Guaranteed Investment Contract
38	Guaranteed Investment Contract Exp. Date
39	Guaranty Agreement
40	Guaranty Agreement Exp. Date
41	Guaranty Agreement Provider ID BB Company
42	Industry Group & Number
43	Industry Sector & Number
44	Industry Subgroup & Number
45	Insurance Status

B. Municipal Descriptive, Cont'd	
46	Interest Accrual Date
47	Interest Payment Information for Adjustable Bonds
48	Interest Payment Type
49	Inverse Floater Auction Freq
50	Inverse Floater Bond Type
51	ISIN Number
52	Issue Benchmark
53	Issue Price
54	Issue Spread To Benchmark
55	Issuer Full Name
56	Issuer Industry
57	Issuer Type
58	Lead Manager / Underwriter
59	Legal Opinion with City & State
60	Liquidity Agreement & Exp. Date
61	Main Obligor, Type, and Bloomberg ID
62	Market Issue
63	Market Sector Description & Number
64	Maturity
65	Maturity / Refund Type
66	Maturity Amount
67	Max. and Min. Floating Coupon
68	Minimum Increment
69	Minimum Piece
70	Most Recent Default Date, Detail, and Type
71	Most Recent Redemption Amount, Date, Price, Type
72	Muni Advanced Refunded Date & Price
73	Muni Anticipated Sink Fund (Y/N)
74	Muni Corporate Obligor 2, 3
75	Muni Escrow Percentage & Type
76	Muni Escrowed to Maturity Date
77	Muni Formal Award Date
78	Muni Issuer DES Second Line
79	Muni Obligor 2 Type (and 3 Type)
80	Muni Official Statement
81	Muni Trust Identifier
82	Municipal Dated Date
83	Municipal Derivative Indicator
84	Municipal Escrow Type
85	Municipal is Note
86	Municipal Issue Size & Type
87	Municipal Maturity Size
88	Municipal Offering Type
89	Municipal Paying Agent
90	Municipal Purpose (2-3)

B. Municipal Descriptive, Cont'd	
91	Municipal Registrar & Source
92	Municipal Tax Provision
93	Municipal Trustee
94	Name
95	Next Call Date & Price
96	Next Coupon Settle Date
97	Next Par Call Date & Price
98	Next Par Put Date & Price
99	Next Premium Call Date & Price
100	Next Put Date & Price
101	Next Reset Date
102	Next Sink Amount, Date, and Price
103	Original CUSIP
104	Original Issue Discount Security
105	Par Amount
106	Parent Company Name
107	Partial Call
108	Partially Called Indicator
109	Pre-Refunded / Maturity Date
110	Previous Coupon Settle Date
111	Put Feature
112	Put Indicator
113	Put Notification - Max. and Min. Days
114	Put Type
115	Refunding Status
116	Remarketing Agent
117	Reset Frequency
118	Reset Index
119	Sale Date
120	Secondarily Insured Indicator
121	Secondary Issue Type
122	Security ID Number Description
123	Security Identifier
124	Series Identifier
125	Sink Frequency
126	Sink Indicator
127	Sink Type
128	Sinking Fund Redemption Method
129	Standby Purchase Agmt Expiration Date
130	Standby Purchase Agreement
131	State Code
132	State of the Registrar, Trustee, and Underwriter
133	State Taxable
134	Step-up / Step-down Coupon
135	Step-up / Step-down Date

APPENDIX F: SECURITY MASTER

B. Municipal Descriptive, Cont'd

136	Tax Credit Rate & Frequency
137	Tax Status Code
138	Tender Agent
139	Ticker
140	Trading Status
141	Ultimate Borrower BBID
142	Ultimate Borrower Name
143	Variable Initial Coupon Rate
144	When Issued
145	Yield on Issue Date
146	Zero Coupon Indicator

C. Municipal Pricing

1	Tax Equivalent Yield (Using Ask After Tax Yield)
2	Tax Equivalent Yield (Using Bid After Tax Yield)
3	Tax Equivalent Yield (Using Mid After Tax Yield)
4	Currency
5	Feed Source
6	Accrued Interest/100
7	Time/Date of Last Update
8	Date Of Last Update
9	Years from Settle to Maturity
10	Municipal After Tax Yield
11	Muni After Tax Yield (Ask)
12	Muni After Tax Yield (Bid)
13	Muni Last MSRB Date
14	Muni Last MSRB Avg Price By Bloomberg
15	Muni Last MSRB High Price
16	Muni Last MSRB Low Price
17	Muni Last MSRB Num Trades
18	Muni Last MSRB Volume
19	Muni Revised Issue Price

C. Municipal Pricing, Cont'd

20	Muni Tax Equivalent Yield (Ask)
21	Muni Tax Equivalent Yield (Bid)
22	Muni Tax Equivalent Yield
23	Pricing Source
24	Closing Ask Price
25	Closing Bid Price
26	Closing Mid/Trade Price
27	Ask Price
28	Bid Price
29	Date Of Last Close
30	Last Price
31	Mid Price
32	Next Settlement Date
33	Bid Workout Date
34	Bid Workout Price
35	Ask Yield To Convention
36	Bid Yield To Convention
37	Mid Yield To Convention
38	Ask Current Yield
39	Bid Current Yield
40	Mid Current Yield
41	Ask Yield To Next Call
42	Bid Yield To Next Call
43	Mid Yield To Next Call
44	Ask Yield To Maturity
45	Bid Yield To Maturity
46	Mid Yield To Maturity
47	Ask Yield To Next Put
48	Bid Yield To Next Put
49	Mid Yield To Next Put

D. Municipal Bulk

1	Anticipated Sink Schedule Amount
2	Anticipated Sink Schedule Price (and source)
3	Call Schedule Price (and source)
4	Floater Accrual Schedule
5	Muni Trust Constituent Deposit Date
6	Muni Trust Constituent Par Amount
7	Muni Trust Constituent Price/Yield and Indicator
8	Muni Trust Constituent Termination Date
9	Pre-Refunding Schedule Amount
10	Pre-Refunding Schedule Price
11	Put Schedule Price
12	Muni Redemption History Schedule
13	Muni Redemption History Amount
14	Muni Redemption History Description
15	Muni Redemption History Percent
16	Refunding Issue Base CUSIP
17	Muni Sink Schedule
18	Muni Sink Schedule Price
19	Stepup Coupon Schedule
20	Bond Cash Flow Coupon Amount
21	Bond Cash Flow Date
22	Bond Cash Flow Principal Amount
23	Extraordinary Redemption Types
24	Factor Schedule Date
25	Factor Schedule Factor
26	Muni Original Call Schedule
27	Muni Original Call Schedule Percent
28	Potential Variable Modes
29	Refunded Cusips Information
30	Refunding Issue

APPENDIX G: KEY RATIOS

Notes: All ratios are provided on an annual basis • *Includes General Fund, Government-Wide, Total Government Fund and Debt Service Fund s • ^Healthcare may be reported by quarter as well.

A. Govt Income Statement Ratios*

1	Property Tax Revenue Growth
2	Income Tax Revenue Growth
3	Sales and Use Tax Revenue Growth
4	Total Tax Revenues
5	Total Operating Expenses - 1 Yr Growth
6	Total Operating Expenses - 3 Year Geometric Growth
7	Income Tax Revenues % of Total Revenues
8	Property Tax Revenues % of Total Revenues
9	Sales Tax Revenues % of Total Revenues
10	Change in Net Assets - 3 Year Geometric Growth
11	3 Year Geometric Growth Net Sales
12	Change in Net Assets per Capita
13	Revenue per Capita
14	Total General Fund Tax Revenues
15	Total General Fund Tax Revenue Growth
16	Total GF Tax Revenues - 3 Year Geometric Growth
17	General Fund Revenue Growth
18	Total General Fund Revenues - 3Y Geometric Growth
19	Excess (Deficiency) Rev Over Expend - 3Y Geo Grwth
20	GF Tot Other Financing Src & Uses - 3Y Geo Grwth
21	Net Change in Fund Balances - 3Y Geometric Growth
22	General Fund Balance Growth %
23	GF Fund Balances Ending - 3Y Geometric Growth
24	Excess of Revenues to Total General Fund Revenues
25	Grants to Total General Fund Revenue
26	Transfers into Total General Fund Revenue
27	Transfers into General Fund Balance
28	Property Tax Rev % Tot GF Rev - 3Y Geometric Grwth
29	Income Tax Rev % Tot GF Rev - 3Y Geometric Grwth
30	Sales Tax Rev % Tot GF Rev - 3Y Geometric Grwth
31	Income Tax Revenues % of Total GF Revenues
32	Property Tax Revenues % of Total GF Revenues
33	Sales Tax Revenues % of Total GF Revenues
34	General Fund Municipal Revenues to GF Revenues
35	Grants to Total General Fund Revenue 3Y Geometric Growth

B. Govt Balance Sheet Ratios*

1	Accounts Receivable 5 Year Growth
2	Accounts Receivable Growth
3	Accounts Payable 5 Year Growth
4	Accounts Payable Turnover
5	Cash and Marketable Securities
6	Cash and Short Term Investments
7	Cash and STI - 3Y Geometric Growth
8	Cash to Long Term Debt
9	Cash to Long Term Debt - 3 Year Geometric Growth
10	Current Assets - 1 Year Growth
11	Current Assets - 3 Year Geometric Growth
12	Current Liabilities - 1 Year Growth
13	Current Liabilities - 3 Year Geometric Growth
14	Current Tax Collection Rate - 3Y Geometric Growth
15	Days in Accounts Payable
16	Days in Accounts Receivable
17	Debt Limit - 3 Year Geometric Growth
18	Debt Service to Total Operating Expenses
19	Liabilities - 1 Yr Growth
20	Long Term Borrowings - 1 Year Growth
21	Net Capital Assets - 3 Year Geometric Growth
22	Net Fixed Assets 1 Year Growth
23	Non Current Liabilities
24	Total Assets - 3 Year Geometric Growth
25	Total Assets Growth
26	Total Liabilities - 3 Year Geometric Growth
27	Total Non-Current Assets
28	Unassigned Fund Bal - 3 Year Geometric Growth
29	Accounts Receivable Turnover
30	GF Total Fund Balances - 3Y Geometric Growth
31	Unreserved General Fund to Operating Expense
32	Unreserved General Fund to Total General Fund Rev
33	General Fund Unreserved GF - 3Y Geometric Growth
34	Cash to General Fund Rev - 3Y Geometric Growth
35	Total Fund Bal to Expenditures - 3Y Geo Grwth

B. Govt Balance Sheet Ratios, Cont'd*

36	GF Tot Liabs & Fund Balances - 3Y Geometric Grwth
37	Unassigned General Fund to Revenues
38	Unassigned General Fund to Expense
39	Total General Fund Balance to Total GF Revenues
40	Days in Accounts Receivable General Fund
41	Cash to General Fund Revenues
42	Total Fund Balances to Expenditures
43	General Fund Total Liabilities and Fund Balances
44	Inventory 5 Year Growth
45	Inventory Sequential Growth

C. Govt Debt Ratios*

1	Short and Long Term Debt
2	GO Debt Outstanding - 3Y Geometric Growth
3	General Obligation Debt as % of Total Tax Revenues
4	General Obligation Debt per Capita
5	Direct Debt to Full Market Value
6	Direct Debt to Assessed Value
7	Direct and Overlapping Debt to Assessed Value
8	Direct and Overlapping Debt to Full Market Value
9	Overlapping Debt to Assessed Value
10	Overlapping Debt to Full Market Value
11	Revenue Debt per Capita
12	Revenue Debt Outstanding - 3 Year Geometric Growth
13	Total Debt Outstanding - 3 Year Geometric Growth
14	Total Debt per Capita
15	Total Debt to Assessed Value
16	Total Debt to Full Market Value
17	Debt Service to Total Revenues
18	Component Debt Outstanding 3Y Geometric Growth
19	Net Direct Debt - 3Y Geometric Growth
20	Total Overlapping Debt - 3Y Geometric Growth

APPENDIX G: KEY RATIOS

Notes: All ratios are provided on an annual basis • *Includes General Fund, Government-Wide, Total Government Fund and Debt Service Fund s • ^Healthcare may be reported by quarter as well.

D. Govt Pension Fund Ratios*

- 1 Contribution Growth
- 2 Investment Income Growth
- 3 Pension Benefit Payment Growth
- 4 Pension Funding Ratio
- 5 Pension Funding Ratio - 3 Year Geometric Growth
- 6 Pension Annual Required Contrib - 3Y Geo Grwth
- 7 Overfunded (Underfunded) Pens - 3Y Geometric Grwth
- 8 Unfunded AAL to Covered Payroll
- 9 Other Post-Retirement Funding Ratio
- 10 Other Post Retirement Funding Ratio - 3Y Geo Grwth
- 11 Overfund (Underfund) Post Ret Bfit - 3Y Geo Grwth
- 12 Workers to Retirees
- 13 OPEB Annual Required Contribution 3Y Geometric Growth

E. Govt Market and Assessed Values Ratios*

- 1 Full Market Value - 3 Year Geometric Growth
- 2 Full Market Value 1 Year Growth
- 3 Full Market Value 3 Year Geometric Growth
- 4 Full Market Value 5 Year Geometric Growth
- 5 Full Market Value per Capita
- 6 Assessed Value - 3 Year Geometric Growth
- 7 Assessed Value 1 Year Growth
- 8 Assessed Value 3 Year Geometric Growth
- 9 Assessed Value 5 Year Geometric Growth
- 10 Assessed Value per Capita
- 11 Tax Rate per Thousand Assessed Val 3Y Geo Growth

F. Revenue Obligors Income Ratios^

- 1 Change in Net Assets - 3 Year Geometric Growth
- 2 EBIDA
- 3 EBIDA - 3 Year Geometric Growth
- 4 EBIDA Margin
- 5 EBIDA Margin - 3 Year Geometric Growth
- 6 EBITDA
- 7 EBITDA - 1 Yr Growth

F. Revenue Obligors Income Ratios, Cont'd^

- 8 Trailing 12M EBITDA Margin
- 9 Excess (Deficiency) Rev Over Expend - 3Y Geo Grwth
- 10 Net Asset Growth
- 11 Net Asset Margin
- 12 Change in Net Assets - 1 Year Growth
- 13 3 Year Geometric Growth Net Sales
- 14 Normalized Profit Margin - 3 Year Geometric Growth
- 15 Normalized Profit Margin
- 16 Operating Income - 1 Yr Growth
- 17 Operating Income or Losses - 3 Yr Geometric Growth
- 18 Operating Margin
- 19 Operating Margin - 3 Year Geometric Growth
- 20 Profit Margin
- 21 Sales - 1 Year Growth
- 22 Total Interest Incurred
- 23 Total Operating Expenses - 1 Yr Growth
- 24 Total Normalized Profit - 3 Year Geometric Growth
- 25 Total Normalized Profit
- 26 Total Normalized Profit Growth
- 27 Total Operating Expenses (Income) Ratio
- 28 Total Operating Expenses - 3 Year Geometric Growth
- 29 Total Revenue
- 30 Total Revenue Growth
- 31 Operating Income Sequential Growth

G. Revenue Obligors Balance Sheet Ratios

- 1 Accounts Payable 5 Year Growth
- 2 Accounts Payable 1 Year Growth
- 3 Accounts Payable Sequential Growth
- 4 Accounts Payable Turnover
- 5 Accounts Payable Turnover Days
- 6 Accounts Receivable 5 Year Growth
- 7 Accounts Receivable 1 Yr Growth
- 8 Days Sales Outstanding - DSO
- 9 Assets - 1 Year Growth

G. Revenue Obligors Balance Sheet Ratios, Cont'd

- 10 Average Age Assets in Years - 3Y Geometric Growth
- 11 Average Age of Assets in Years
- 12 Cash and Short Term Investments
- 13 Cash and Marketable Securities
- 14 Cash and STI - 3Y Geometric Growth
- 15 Cash to Long Term Debt
- 16 Cash to Long Term Debt - 3 Year Geometric Growth
- 17 Current Ratio
- 18 Current Assets - 1 Year Growth
- 19 Current Assets - 3 Year Geometric Growth
- 20 Current Liabilities - 1 Year Growth
- 21 Current Liabilities - 3 Year Geometric Growth
- 22 Current Ratio - 3 Year Geometric Growth
- 23 Days in Accounts Payable
- 24 Days in Accounts Receivable
- 25 Days Cash on Hand
- 26 Days Cash on Hand - 3 Year Geometric Growth
- 27 Future Min Operating Lease Oblig - 3Y Geo Grwth
- 28 Liabilities - 1 Yr Growth
- 29 Long Term Borrowings - 1 Year Growth
- 30 Long Term Borrowings - 3 Year Geometric Growth
- 31 LT Unrestricted Invest - 3 Year Geometric Growth
- 32 Net Capital Assets - 3 Year Geometric Growth
- 33 Net Fixed Assets 1 Year Growth
- 34 Non Current Liabilities
- 35 Quick Ratio
- 36 Quick Ratio - 3 Year Geometric Growth
- 37 Total Capital Leases - 3 Year Geometric Growth
- 38 Total Net Assets to Total Assets Percent
- 39 Total Assets - 3 Year Geometric Growth
- 40 Total Liabilities - 3 Year Geometric Growth
- 41 Total Net Assets - 3 Year Geometric Growth
- 42 Total Net Assets to Revenues
- 43 Total Net Assets to Total Revenues
- 44 Unrestricted Resources to Debt Ratio

APPENDIX G: KEY RATIOS

Notes: All ratios are provided on an annual basis • *Includes General Fund, Government-Wide, Total Government Fund and Debt Service Fund s • ^Healthcare may be reported by quarter as well.

G. Revenue Obligors Balance Sheet Ratios, Cont'd

- 45 Unrestricted Resources to Expense Ratio
- 46 Unrestricted Net Assets - 3 Year Geometric Growth
- 47 Unrestricted Net Assets to Total Assets Percent
- 48 Working Capital
- 49 Debt Service Coverage

H. Revenue Obligors Debt Ratios

- 1 Long Term Debt to Capital Assets
- 2 Total Debt 1 Year Growth
- 3 Long Term Debt to Unrestricted Net Assets
- 4 Total Debt to Unrestricted Net Assets
- 5 Total Debt Outstanding - 3 Year Geometric Growth
- 6 Total Short Term Debt
- 7 Long Term Debt to Tot Assets - 3Y Geometric Growth
- 8 Total Short Term Debt - 3 Year Geometric Growth
- 9 Short and Long Term Debt - 3 Year Geometric Growth
- 10 LT Debt to Capital Assets - 3Y Geometric Growth
- 11 Long Term Debt to Cash from Operations
- 12 Total Debt to Total Assets
- 13 LT Debt to Total Assets
- 14 Short and Long Term Debt
- 15 Debt Outstanding to Student Enrollment

I. Revenue Obligors Cash Flow Ratios

- 1 CFO to Average Current Liabilities
- 2 Net Change in Cash 1 Year Growth
- 3 Free Cash Flow 1 Year Growth
- 4 Net Change in Cash 5 Year Growth
- 5 Free Cash Flow 5 Year Growth
- 6 Cash from Operations - 3 Year Geometric Growth
- 7 Cash from Investing Act - 3 Year Geometric Growth
- 8 Cash from Financing Act - 3 Year Geometric Growth
- 9 Free Cash Flow
- 10 Capital Expenditures
- 11 CFO to Sales
- 12 Cap Expend to Tot Assets
- 13 Capital Expenditure to Sales
- 14 Capital Expenditure to Depreciation Expense
- 15 Cash Flow - 1 Yr Growth
- 16 Free Cash Flow Margin
- 17 Free Cash Flow Margin 3 Yr Average
- 18 Capital Expenditures Sequential Growth
- 19 Free Cash Flow Sequential Growth
- 20 Net Change in Cash Sequential Growth

J. Revenue Obligors Pension Ratios

- 1 Overfunded (Underfunded) Pens - 3Y Geometric Grwth
- 2 Pension Funding Ratio - 3 Year Geometric Growth
- 3 Overfund (Underfund) Post Ret Bfit - 3Y Geo Grwth
- 4 Other Post Retirement Funding Ratio - 3Y Geo Grwth
- 5 Pension Annual Required Contrib - 3Y Geo Grwth
- 6 Unfunded AAL to Covered Payroll
- 7 Workers to Retirees
- 8 Pension Funding Ratio
- 9 Other Post-Retirement Funding Ratio