

494

Number of Companies: 9
Water Supply

Industry Description

Establishments primarily engaged in distributing water for sale for domestic, commercial, and industrial use.

Sales (in millions)

Three Largest Companies	
American Water Works Co. Inc.	\$3,302.0
Aqua America Inc.	819.9
California Water Service Group	609.4

Three Smallest Companies

Connecticut Water Service Inc.	\$99.4
Artesian Resources	79.1
York Water Co.	47.6

Total Assets (in millions)

Three Largest Companies	
American Water Works Co. Inc.	\$17,264.0
Aqua America Inc.	6,159.0
California Water Service Group	2,411.7

Three Smallest Companies

Middlesex Water Co.	\$620.2
Artesian Resources	451.0
York Water Co.	320.5

Annualized Monthly Performance Statistics (%)

Industry	Geometric	Arithmetic	Standard	S&P 500 Index		
	Mean	Mean	Deviation	Geometric	Arithmetic	Standard
1-year	14.5	16.3	21.9	17.2	17.4	7.2
3-year	18.5	20.0	19.2	10.4	10.9	11.5
5-year	19.1	20.2	16.5	13.3	13.9	11.5

Return Ratios (%)

	Return on Assets		Return on Equity		Dividend Yield		Current Ratio		Operating Margin		Long-term EPS	
	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	Analyst Estimates	
Median (9)	3.7	3.1	7.9	7.4	2.1	2.5	0.6	0.7	32.3	31.3		6.8
SIC Composite (9)	3.0	3.1	3.6	4.5	2.1	2.5	0.4	0.6	31.3	31.2		6.8
Large Composite (-)	-	-	-	-	-	-	-	-	-	-	-	-
Small Composite (-)	-	-	-	-	-	-	-	-	-	-	-	-
High-Financial Risk (-)	-	-	-	-	-	-	-	-	-	-	-	-

Liquidity Ratio

Profitability Ratio (%)

Growth Rates (%)

Betas (Levered)

	Raw (OLS)	Blume Adjusted	Peer Group	Vasicek Adjusted	Sum	Downside	Raw (OLS)	Blume Adjusted	Peer Group	Vasicek Adjusted	Sum	Downside
	Median	0.43	0.64	0.47	0.46	0.04	0.67	0.34	0.51	0.40	0.36	0.03
SIC Composite	0.35	0.59	0.47	0.40	-0.07	0.54	0.27	0.44	0.36	0.31	-0.02	0.40
Large Composite	-	-	-	-	-	-	-	-	-	-	-	-
Small Composite	-	-	-	-	-	-	-	-	-	-	-	-
High Financial Risk	-	-	-	-	-	-	-	-	-	-	-	-

Betas (Unlevered)

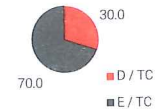
Equity Valuation Multiples

	Price/Sales		Price/Earnings		Market/Book		EV/Sales		EV/EBITDA		Enterprise Valuation	
	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	5-Yr Avg	SIC Composite	
Median	4.3	3.1	26.6	21.9	1.8	1.6	5.7	4.6	13.6	10.8		
SIC Composite	4.5	3.3	28.0	22.0	1.8	1.5	6.3	5.1	13.9	11.4		
Large Composite	-	-	-	-	-	-	-	-	-	-	-	-
Small Composite	-	-	-	-	-	-	-	-	-	-	-	-
High Financial Risk	-	-	-	-	-	-	-	-	-	-	-	-



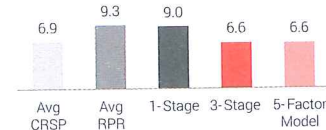
Fama-French (F-F) 5-Factor Model

	Fama-French (F-F) Components					Debt/MV Equity		Debt/Total Capital		Cost of Debt (%)	SIC Composite (%)
	F-F Beta	SMB Premium	HML Premium	RMW Premium	CMA Premium	Latest	5-Yr Avg	Latest	5-Yr Avg	Latest	Latest
Median	0.4	1.7	-2.3	-2.8	7.8	37.3	48.4	27.2	32.6	4.1	
SIC Composite	0.4	-0.4	-3.9	-1.1	6.6	42.8	53.2	30.0	34.7	4.6	
Large Composite	-	-	-	-	-	-	-	-	-	-	-
Small Composite	-	-	-	-	-	-	-	-	-	-	-
High Financial Risk	-	-	-	-	-	-	-	-	-	-	-



Cost of Equity Capital (%)

	CRSP Deciles			Risk Premium Report		Discounted Cash Flow		Fama-French	Cost of Equity Capital (%)				
	CAPM	CAPM	Build-Up	CAPM	Build-Up	1-Stage	3-Stage	5-Factor Model	SIC Composite				
Median	6.0	7.7	8.2	8.9	14.4	8.8	6.6	10.2	6.9	9.3	9.0	6.6	6.6
SIC Composite	5.7	6.7	7.1	6.1	12.4	9.0	6.6	6.6					
Large Composite	-	-	-	-	-	-	-	-	-	-	-	-	-
Small Composite	-	-	-	-	-	-	-	-	-	-	-	-	-
High Financial Risk	-	-	-	-	-	-	-	-	-	-	-	-	-



Weighted Average Cost of Capital (WACC) (%)

	CRSP Deciles			Risk Premium Report		Discounted Cash Flow		Fama-French	WACC (%)	
	CAPM	CAPM	Build-Up	CAPM	Build-Up	1-Stage	3-Stage	5-Factor Model	SIC Composite	
Median	5.6	6.9	7.0	7.8	11.7	7.6	6.1	8.7	5.5	9.9
SIC Composite	5.2	5.9	6.2	5.5	9.9	7.5	5.9	5.9		
Large Composite	-	-	-	-	-	-	-	-	-	-
Small Composite	-	-	-	-	-	-	-	-	-	-
High Financial Risk	-	-	-	-	-	-	-	-	-	-

