



# **The Cortland Quarterly**

A QUARTERLY VALUATION REVIEW PROVIDING KEY INDUSTRY TRENDS & METRICS

CORTLANDQUARTERLY.COM

# **Cortland Valuation Group**

Cortland Valuation Group (CVG) offers a dedicated team whose collective experience spans decades at large, national consulting firms in the areas of valuation, financial analysis and planning, and strategic and financial advisory. CVG was formed in order to better serve clients – providing big company experience with the personalized attention of a small firm. To this end, we have become trusted advisors who take the time to genuinely understand their organization's purpose, people and structure; strategic plans, growth potential and long-term objectives. Our experience stems from working with companies ranging from the early stage business to large clients involved in multi-billion dollar transactions.

Our clientele consists of business owners, corporate management teams, law firms, hedge funds and private-equity funds, accounting firms, and other financial advisors. Our services are tailored to meet each of our client's specific transactional, operational, and/or litigationrelated requirements.

# Valuation Services

Valuation issues surrounding mergers and acquisitions, financial reporting, restructuring, tax planning and disputes have become increasingly more complex as tax and accounting standards evolve. CVG and its team of experienced professionals have deep expertise and meet the definition of "Qualified Appraiser" for IRS requirements. Our work on behalf of public companies has been thoroughly reviewed and accepted by audit firms across the country and the Securities & Exchange Commission.

- Tax Compliance
- Gift & Estate Planning
- Partnership Structuring
- Dispute Resolution
- Bankruptcy
- Lender Support

- Financial Reporting
- Mergers & Acquisitions
- Transaction Pricing
- Fairness Opinions
- Intellectual Property
- Restructuring

# **Consulting Services**

CVG has national reach in providing strategic guidance to business owners and management teams. We understand the economic and market factors driving business, and have the experience and knowledge required to successfully execute key strategic plans. We also have the processes and procedures in place to help management achieve their objectives, while ensuring value is understood and measured throughout the business plan.

- Due Diligence
- Quality of Earnings
- Strategy & Competitive
  Analysis
- Pre-acquisition Analysis
- C-Suite Advisory
- Buy/Sell Side Guidance

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## The Cortland Quarterly

The Cortland Quarterly is a quarterly valuation review comprising 35 industries. It presents key financial and valuation measures over the trailing six quarters, providing the reader insight to today's performance and trending performance over time.

#### Cortland Valuation Group, Inc. San Diego, CA | Washington, D.C. | Austin, TX Phone: 512-348-8088 | www.cortlandquarterly.com

	VALUATION MULTIPLES        EV / Revenue (TTM)      EV / EBITDA (TTM)      EV / EBITDA (TTM)      EV / EBITDA (TTM)																													
INDUSTRY		EV	/ / Reve	nue (T	ГМ)		EV / EBITDA (TTM)							EV / EBIT (TTM)							Revenu	ie (Forv	ward)		EV / EBITDA (Forward)					
	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Aerospace & Defense	1.4x	1.8x	2.1x	1.8x	1.8x	1.8x	9.2x	12.5x	13.2x	13.3x	12.6x	12.8x	13.9x	19.0x	18.3x	18.5x	15.4x	16.0x	1.4x	1.7x	1.8x	1.7x	1.7x	1.8x	11.3x	12.6x	14.1x	14.3x	12.8x	12.6x
Apparel & Footwear	1.0x	1.4x	1.6x	1.7x	1.4x	1.4x	6.9x	10.9x	13.1x	8.2x	6.6x	6.1x	25.3x	37.1x	36.2x	26.0x	14.4x	12.8x	1.1x	1.3x	1.4x	1.4x	1.2x	1.3x	12.2x	12.3x	11.8x	10.6x	8.7x	8.6x
Autos & Auto Parts	1.0x	1.2x	1.3x	1.3x	1.2x	1.2x	10.8x	11.9x	11.9x	11.3x	9.0x	9.9x	19.6x	20.0x	19.2x	17.6x	13.4x	15.2x	1.0x	1.0x	1.0x	1.1x	1.0x	1.1x	9.8x	11.0x	10.7x	10.1x	9.3x	9.2x
Biotechnology	5.9x	5.7x	5.5x	6.2x	5.9x	6.2x	19.0x	16.8x	14.8x	14.1x	15.4x	16.5x	25.9x	23.2x	17.7x	16.5x	17.3x	18.5x	5.8x	5.3x	5.1x	5.9x	5.8x	5.9x	17.5x	13.4x	12.2x	16.7x	23.3x	22.7x
Broadcasting, Cable & Satellite	2.9x	3.2x	4.0x	3.9x	3.8x	3.8x	10.3x	11.9x	11.2x	11.8x	10.2x	9.6x	22.4x	23.7x	18.3x	19.5x	17.2x	15.1x	2.9x	3.1x	3.6x	3.1x	2.9x	2.7x	10.7x	11.3x	11.3x	11.1x	10.5x	9.4x
Communications Equipment	1.8x	2.2x	2.3x	2.4x	2.1x	2.6x	10.9x	12.3x	12.9x	13.3x	13.5x	16.3x	23.1x	25.0x	26.2x	25.7x	27.3x	27.1x	1.7x	2.0x	2.1x	2.1x	2.1x	2.6x	9.3x	11.6x	12.1x	11.7x	11.3x	13.3x
Computers: Commercial Services	2.8x	3.3x	3.7x	4.2x	4.2x	4.5x	14.2x	15.5x	14.6x	17.2x	14.6x	13.8x	19.7x	23.7x	24.1x	25.2x	22.2x	22.0x	2.7x	3.1x	3.1x	3.3x	3.8x	4.1x	12.9x	15.4x	15.7x	15.0x	14.1x	13.6x
Computers: Hardware	0.9x	1.5x	1.9x	1.9x	1.7x	1.8x	9.2x	10.4x	11.6x	11.8x	11.8x	11.2x	14.1x	14.8x	15.4x	16.2x	16.0x	18.4x	0.9x	1.5x	1.8x	1.8x	1.4x	1.6x	8.5x	9.3x	9.5x	9.3x	8.9x	9.1x
Computers: Software	5.7x	6.3x	6.0x	6.6x	6.0x	5.9x	22.8x	35.7x	33.1x	30.1x	28.1x	30.6x	33.4x	42.3x	36.5x	38.3x	41.9x	36.9x	6.3x	6.5x	5.7x	6.6x	6.1x	6.1x	19.7x	23.0x	20.7x	22.6x	20.6x	20.9x
Computers: Storage & Peripherals	1.7x	2.0x	2.2x	2.4x	2.2x	2.4x	8.8x	10.9x	13.1x	14.0x	13.0x	13.4x	15.7x	18.1x	29.4x	24.4x	19.9x	17.8x	1.6x	2.0x	2.1x	2.2x	2.1x	2.7x	7.9x	9.9x	10.1x	9.8x	9.1x	9.6x
Environmental & Waste MGMT	3.8x	4.0x	4.5x	4.6x	4.6x	4.9x	17.3x	15.8x	15.9x	18.6x	17.2x	18.2x	26.1x	27.3x	28.5x	27.5x	27.2x	31.1x	3.8x	3.7x	4.0x	4.2x	4.2x	4.5x	16.3x	16.9x	16.3x	16.5x	15.8x	18.2x
Foods & Nonalcoholic Beverages	2.1x	2.2x	2.2x	2.2x	2.2x	2.2x	11.3x	10.3x	11.5x	11.2x	11.3x	11.3x	17.2x	17.3x	19.1x	16.1x	16.3x	17.6x	2.2x	2.3x	2.4x	2.2x	2.1x	2.1x	11.8x	12.3x	13.0x	12.1x	11.5x	12.0x
Healthcare: Facilities	1.8x	2.1x	2.1x	2.0x	2.0x	2.0x	10.0x	9.4x	11.1x	11.7x	10.8x	11.8x	19.6x	17.6x	23.2x	19.5x	16.4x	15.3x	1.7x	1.8x	1.8x	1.8x	1.9x	2.0x	9.4x	12.1x	11.6x	13.1x	11.9x	11.5x
Healthcare: Managed Care	0.6x	0.7x	0.7x	0.6x	0.6x	0.7x	8.4x	9.1x	10.6x	11.0x	12.2x	14.7x	10.2x	10.4x	12.2x	12.3x	14.0x	17.9x	0.5x	0.6x	0.6x	0.6x	0.5x	0.6x	9.0x	9.9x	10.0x	10.3x	9.4x	10.9x
Heatlhcare: Pharmaceuticals	2.5x	2.9x	2.9x	3.0x	2.8x	2.9x	11.5x	11.8x	10.6x	10.9x	10.7x	10.3x	17.3x	16.7x	16.6x	16.6x	14.4x	14.6x	2.9x	3.2x	3.3x	3.0x	2.9x	3.1x	9.5x	9.8x	9.5x	10.2x	9.7x	10.2x
Healthcare: Products & Supplies	5.2x	5.7x	6.1x	5.8x	5.4x	4.9x	22.4x	25.8x	26.7x	25.6x	22.8x	20.7x	39.0x	43.1x	42.8x	40.6x	37.2x	30.9x	5.1x	5.2x	5.3x	4.9x	5.3x	5.4x	18.7x	19.6x	19.3x	20.0x	20.0x	18.9x
Heavy Equipment & Trucks	1.7x	1.9x	2.1x	2.1x	1.8x	2.0x	13.0x	16.7x	19.0x	16.0x	13.7x	14.7x	18.0x	24.1x	24.3x	23.0x	19.3x	19.3x	1.8x	1.8x	1.9x	2.1x	1.9x	1.8x	13.2x	14.2x	13.5x	13.2x	11.9x	13.4x
Homebuilding	1.3x	1.2x	1.3x	1.3x	1.0x	1.2x	11.3x	9.0x	11.0x	9.5x	7.6x	8.4x	14.4x	12.1x	13.5x	11.8x	9.6x	10.3x	1.3x	1.0x	1.1x	1.1x	1.0x	1.0x	10.1x	8.2x	9.3x	8.3x	7.9x	8.7x
Industrial Machinery	1.9x	2.6x	2.9x	3.0x	2.6x	2.8x	12.7x	14.8x	15.7x	15.9x	14.0x	14.3x	18.2x	20.9x	23.6x	24.3x	20.6x	20.0x	2.3x	2.7x	2.7x	2.7x	2.5x	2.7x	13.5x	15.3x	15.0x	13.8x	12.6x	13.6x
Lodging & Gaming	3.8x	5.1x	7.2x	7.8x	5.6x	4.8x	19.3x	29.8x	23.7x	26.2x	24.5x	20.1x	40.1x	48.8x	71.9x	60.7x	32.7x	24.5x	3.8x	4.5x	4.7x	4.4x	3.6x	3.7x	19.8x	20.9x	20.2x	19.2x	15.2x	14.5x
Natural Gas Distribution	3.9x	4.1x	4.3x	4.4x	4.2x	4.4x	11.2x	12.1x	12.6x	12.2x	12.3x	12.7x	19.8x	20.3x	20.1x	20.0x	20.2x	21.4x	3.6x	3.7x	3.9x	3.9x	3.8x	4.1x	10.1x	10.7x	11.6x	11.5x	11.2x	11.7x
Oil & Gas: Equipment & Services	0.9x	1.3x	1.5x	1.8x	1.6x	1.5x	5.0x	7.1x	7.9x	10.4x	9.0x	8.4x	13.9x	23.1x	29.7x	23.5x	21.4x	19.1x	1.4x	1.7x	1.5x	1.8x	1.4x	1.1x	9.1x	9.3x	10.0x	10.9x	9.6x	8.1x
Oil & Gas: Production & Marketing	2.2x	2.7x	3.9x	4.3x	3.5x	3.0x	5.5x	8.3x	10.1x	13.2x	10.5x	8.4x	13.7x	17.3x	15.3x	14.2x	18.0x	15.9x	2.2x	2.3x	2.8x	3.0x	2.7x	2.4x	6.4x	6.1x	6.6x	6.0x	5.3x	4.5x
Paper & Forest Products	1.6x	1.8x	2.0x	1.8x	1.9x	1.8x	8.7x	9.8x	10.2x	9.7x	9.7x	9.0x	18.4x	16.5x	16.2x	16.1x	15.2x	16.3x	1.7x	1.9x	1.9x	1.7x	1.8x	1.8x	9.6x	10.0x	9.5x	8.1x	8.6x	9.4x
Publishing & Advertising	1.5x	1.8x	2.2x	2.2x	2.0x	2.1x	10.2x	11.9x	13.1x	13.0x	11.1x	10.8x	27.9x	23.6x	26.1x	25.9x	18.2x	18.1x	1.6x	1.8x	2.1x	2.3x	2.2x	2.1x	9.1x	11.2x	11.9x	13.8x	11.4x	12.0x
Real Estate Investment Trusts	9.5x	11.2x	12.0x	13.2x	12.5x	13.3x	16.2x	18.1x	20.9x	22.1x	21.4x	22.4x	30.5x	33.9x	39.9x	44.1x	40.6x	42.5x	10.8x	11.3x	12.3x	12.5x	12.0x	12.7x	16.4x	17.3x	19.5x	19.8x	19.0x	19.5x
Restaurants	2.3x	2.6x	3.7x	3.2x	2.7x	2.7x	16.6x	18.8x	23.1x	20.1x	15.0x	13.8x	33.9x	32.2x	33.2x	33.5x	27.5x	24.6x	2.9x	2.9x	3.4x	2.4x	2.5x	2.5x	19.1x	19.0x	19.7x	15.7x	14.5x	15.0x
Retailing: General	0.5x	0.7x	0.8x	0.8x	0.6x	0.6x	11.5x	11.3x	11.0x	10.3x	6.1x	6.0x	17.5x	17.3x	16.0x	14.9x	13.0x	12.0x	0.5x	0.7x	0.8x	0.8x	0.6x	0.8x	11.6x	8.8x	9.7x	8.1x	8.9x	9.9x
Retailing: Specialty	0.7x	0.8x	0.9x	1.0x	0.7x	0.7x	7.9x	7.9x	9.3x	8.3x	7.4x	6.5x	16.5x	14.4x	14.8x	11.8x	10.1x	9.2x	0.6x	0.7x	0.8x	0.9x	0.7x	0.7x	11.0x	8.6x	10.1x	9.4x	7.5x	7.5x
Semiconductor Equipment	3.2x	4.3x	5.1x	4.5x	3.7x	5.2x	13.7x	18.4x	22.8x	20.4x	16.1x	18.0x	19.1x	22.1x	26.7x	23.7x	19.9x	23.8x	2.8x	3.6x	4.0x	3.7x	2.8x	3.1x	12.2x	14.0x	15.1x	13.9x	12.3x	14.5x
Semiconductors	6.5x	8.3x	8.2x	7.7x	7.3x	7.3x	20.8x	23.8x	23.9x	24.1x	21.4x	21.3x	28.4x	37.7x	37.3x	34.4x	29.9x	33.4x	5.6x	6.3x	6.4x	6.2x	6.7x	6.5x	16.1x	18.2x	14.3x	16.2x	15.5x	16.8x
Supermarkets & Drugstores	0.5x	0.5x	0.6x	0.6x	0.6x	0.6x	7.5x	8.3x	10.5x	10.3x	8.7x	9.1x	17.7x	17.8x	17.2x	17.9x	18.2x	17.9x	0.5x	0.6x	0.6x	0.6x	0.6x	0.6x	10.9x	10.8x	12.5x	11.6x	11.2x	11.3x
Telecommunications: Wireless	2.0x	2.0x	2.3x	2.3x	2.2x	2.2x	6.6x	5.9x	6.1x	7.2x	6.4x	6.7x	15.1x	13.5x	16.7x	19.2x	15.8x	16.4x	2.2x	2.3x	2.1x	2.2x	2.2x	2.2x	7.9x	7.2x	7.5x	7.8x	7.9x	7.4x
Telecommunications: Wireline	2.0x	2.0x	2.3x	2.3x	2.2x	2.2x	6.1x	5.7x	6.0x	6.4x	6.2x	6.2x	12.9x	14.8x	16.1x	16.7x	12.7x	11.8x	2.1x	2.2x	1.9x	2.0x	2.2x	2.2x	7.5x	6.9x	7.4x	7.0x	6.7x	7.2x
Transportation: Commercial	1.6x	1.7x	2.0x	1.8x	1.7x	1.9x	8.8x	11.1x	11.9x	13.4x	11.7x	11.1x	19.5x	20.7x	22.0x	19.8x	16.6x	17.4x	1.6x	1.6x	1.7x	1.6x	1.5x	1.7x	11.7x	13.6x	13.7x	12.9x	11.7x	12.5x

\*\* The 35 CVG Industry Indices presented herein are comprised of public companies ranging in numbers between approximately 15 and 70 companies. The presented data reflects the median measure by industry. Readers interested in detailed data of a particular industry are invited to contact the Cortland Valuation team.

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INDUSTRY		Р	RICE T	O SALI	ES		PRICE TO EARNINGS							PRICE TO BOOK VALUE							nlever	ed Casl	h Flow		Market Cap / Levered Cash Flow					
	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Aerospace & Defense	1.4x	1.5x	1.6x	1.6x	1.5x	1.6x	20.5x	31.5x	30.0x	27.2x	28.6x	27.3x	2.9x	3.7x	4.6x	4.2x	3.6x	3.4x	24.6x	27.2x	24.4x	22.1x	22.6x	20.4x	21.3x	27.7x	23.0x	20.1x	20.2x	18.3x
Apparel & Footwear	0.8x	1.2x	1.3x	1.4x	1.1x	1.2x	39.9x	58.0x	44.7x	36.7x	20.9x	15.7x	2.1x	3.1x	3.7x	4.2x	3.1x	3.2x	11.8x	11.8x	19.0x	17.3x	14.2x	15.5x	8.1x	9.1x	18.8x	13.7x	14.0x	15.0x
Autos & Auto Parts	0.7x	0.8x	0.9x	0.8x	0.7x	0.7x	23.3x	24.5x	27.0x	21.4x	12.8x	14.6x	2.0x	2.0x	2.4x	2.3x	2.1x	2.1x	14.6x	15.7x	16.4x	17.5x	15.2x	23.6x	12.4x	10.7x	11.4x	12.5x	12.4x	20.1x
Biotechnology	5.7x	5.5x	5.6x	5.8x	5.6x	5.7x	44.1x	38.9x	30.2x	29.9x	34.9x	37.9x	4.6x	4.6x	4.5x	4.9x	4.4x	4.2x	32.1x	33.0x	27.7x	30.8x	35.7x	36.1x	30.4x	32.0x	28.8x	30.3x	35.7x	38.7x
Broadcasting, Cable & Satellite	2.1x	2.6x	2.5x	2.7x	2.6x	2.2x	27.2x	29.0x	29.4x	29.9x	26.4x	28.4x	1.4x	1.7x	2.3x	1.9x	1.7x	1.6x	20.8x	22.4x	22.0x	25.8x	27.6x	24.5x	18.0x	19.9x	20.6x	24.3x	24.0x	19.8x
Communications Equipment	1.7x	2.1x	2.2x	2.3x	2.2x	2.9x	35.3x	42.3x	44.5x	40.0x	48.0x	54.1x	1.6x	2.2x	2.8x	3.2x	2.8x	3.2x	12.8x	19.2x	18.2x	19.8x	17.7x	23.5x	16.2x	19.8x	21.7x	21.5x	22.5x	25.0x
Computers: Commercial Services	2.3x	3.3x	3.5x	3.9x	3.9x	3.6x	29.8x	36.6x	39.1x	41.2x	40.6x	37.7x	4.5x	5.4x	5.3x	5.6x	5.5x	5.5x	20.7x	22.4x	20.8x	21.3x	22.5x	23.0x	20.3x	20.1x	20.6x	20.9x	21.8x	21.5x
Computers: Hardware	0.9x	1.2x	1.2x	1.5x	1.4x	1.3x	21.7x	24.0x	26.6x	28.6x	26.8x	28.0x	2.4x	3.5x	5.1x	5.5x	4.4x	3.6x	12.0x	13.3x	15.4x	18.9x	17.3x	18.3x	11.6x	12.3x	14.8x	18.7x	20.4x	17.4x
Computers: Software	5.6x	7.4x	6.9x	7.4x	6.7x	6.0x	83.9x	69.5x	69.3x	66.5x	52.1x	56.2x	5.7x	7.8x	7.5x	8.5x	8.1x	7.5x	26.7x	23.6x	29.8x	25.2x	26.8x	27.0x	29.3x	25.4x	29.5x	23.0x	28.9x	26.9x
Computers: Storage & Peripherals	1.4x	1.6x	1.8x	1.8x	1.7x	1.6x	22.3x	30.7x	50.4x	41.7x	33.1x	28.6x	4.3x	4.6x	5.6x	6.0x	6.1x	5.1x	12.0x	15.1x	16.6x	13.9x	15.5x	13.9x	12.3x	14.5x	16.8x	16.1x	15.9x	16.5x
Environmental & Waste MGMT	3.0x	3.3x	3.5x	3.4x	3.6x	4.1x	42.6x	43.5x	47.2x	44.0x	44.7x	49.2x	4.2x	4.2x	4.2x	4.5x	4.5x	5.0x	22.2x	31.1x	32.8x	29.5x	34.0x	29.2x	20.4x	30.5x	31.1x	24.8x	31.9x	26.9x
Foods & Nonalcoholic Beverages	1.4x	1.6x	1.6x	1.5x	1.5x	1.5x	25.5x	27.4x	29.3x	22.9x	21.4x	23.0x	2.2x	2.6x	3.0x	2.8x	2.7x	3.0x	20.4x	22.8x	23.3x	26.0x	29.1x	29.8x	17.3x	25.2x	21.5x	23.2x	25.8x	28.2x
Healthcare: Facilities	1.4x	1.6x	1.5x	1.5x	1.4x	1.6x	27.2x	32.9x	40.4x	34.6x	27.9x	28.7x	3.4x	3.5x	3.9x	4.0x	4.1x	4.7x	15.6x	16.4x	17.3x	18.7x	31.6x	29.9x	13.7x	14.6x	14.7x	13.4x	25.1x	21.0x
Healthcare: Managed Care	0.5x	0.6x	0.6x	0.6x	0.5x	0.6x	15.2x	15.6x	19.2x	18.8x	23.7x	31.1x	1.3x	1.6x	1.7x	1.7x	1.4x	1.8x	16.9x	20.5x	7.1x	10.5x	11.1x	9.6x	12.0x	22.6x	6.6x	9.6x	10.3x	9.2x
Heatlhcare: Pharmaceuticals	2.1x	1.9x	1.9x	2.2x	2.1x	2.4x	23.5x	24.5x	25.4x	23.5x	22.0x	21.6x	4.4x	4.7x	3.9x	4.0x	3.8x	4.4x	17.7x	17.8x	17.1x	18.2x	18.0x	17.8x	16.6x	14.4x	15.5x	17.7x	15.6x	17.0x
Healthcare: Products & Supplies	5.0x	5.5x	5.6x	5.5x	5.2x	5.1x	65.5x	75.6x	74.0x	68.9x	64.9x	56.2x	4.3x	4.7x	4.9x	4.5x	4.7x	3.9x	40.9x	40.1x	43.4x	34.9x	31.6x	31.2x	39.5x	39.9x	43.0x	35.0x	31.1x	30.5x
Heavy Equipment & Trucks	1.4x	1.6x	1.8x	1.7x	1.6x	1.7x	23.2x	28.9x	33.5x	31.3x	28.6x	26.0x	2.4x	2.9x	3.4x	3.3x	2.9x	3.2x	20.8x	27.0x	23.4x	19.8x	19.5x	30.6x	19.2x	27.7x	23.7x	20.0x	18.8x	28.8x
Homebuilding	1.0x	0.9x	1.0x	0.9x	0.8x	1.0x	19.7x	17.6x	16.6x	17.1x	11.7x	14.4x	1.9x	1.9x	2.1x	2.1x	1.7x	2.0x	16.2x	15.9x	15.9x	17.0x	22.1x	31.8x	14.3x	13.7x	13.9x	15.4x	20.7x	30.9x
Industrial Machinery	1.9x	2.6x	2.8x	2.9x	2.6x	2.7x	28.5x	33.6x	37.2x	40.1x	32.8x	33.4x	2.6x	3.3x	3.7x	3.5x	3.3x	3.3x	19.8x	23.4x	25.4x	25.2x	23.8x	27.0x	18.1x	21.2x	24.5x	26.0x	23.4x	26.7x
Lodging & Gaming	1.6x	2.8x	3.9x	5.4x	3.4x	3.0x	64.8x	72.1x	104.6x	93.3x	49.8x	39.4x	2.2x	2.6x	2.9x	3.3x	3.6x	3.1x	32.3x	53.0x	62.9x	33.4x	29.7x	26.4x	16.2x	71.1x	65.5x	24.6x	23.1x	22.7x
Natural Gas Distribution	2.0x	2.2x	2.5x	2.4x	2.2x	2.3x	23.4x	24.3x	25.4x	24.4x	24.7x	26.6x	1.8x	1.9x	2.0x	2.0x	1.9x	2.0x	49.2x	49.7x	91.0x	41.5x	38.5x	29.4x	27.0x	30.2x	28.9x	41.5x	27.1x	22.3x
Oil & Gas: Equipment & Services	0.3x	0.4x	0.8x	1.1x	0.9x	0.9x	10.4x	25.5x	13.4x	57.3x	112.6x	37.5x	0.6x	0.9x	0.9x	1.1x	1.0x	0.9x	6.5x	9.1x	8.1x	9.9x	10.4x	10.1x	3.1x	5.3x	5.9x	7.1x	8.8x	10.0x
Oil & Gas: Production & Marketing	0.9x	1.2x	1.7x	2.1x	2.1x	1.7x	21.7x	25.3x	24.7x	22.1x	30.9x	23.5x	1.0x	1.2x	1.6x	1.8x	1.7x	1.8x	16.5x	17.7x	24.1x	28.1x	18.1x	13.7x	12.6x	11.1x	22.0x	26.6x	15.3x	9.5x
Paper & Forest Products	1.3x	1.4x	1.5x	1.6x	1.6x	1.6x	25.1x	22.1x	24.1x	23.1x	21.0x	19.7x	2.4x	2.8x	2.7x	2.8x	2.6x	2.4x	18.1x	18.2x	17.1x	17.1x	22.2x	29.7x	15.2x	16.2x	14.5x	12.5x	17.8x	26.6x
Publishing & Advertising	0.8x	1.1x	1.4x	1.6x	1.5x	1.3x	33.2x	37.1x	49.2x	36.6x	28.6x	29.1x	1.9x	2.7x	2.9x	2.8x	2.7x	2.7x	20.2x	21.7x	22.1x	16.8x	19.0x	18.4x	14.3x	18.1x	13.7x	13.5x	19.5x	16.4x
Real Estate Investment Trusts	5.2x	6.5x	7.6x	8.5x	7.6x	8.1x	48.9x	60.7x	60.3x	79.2x	65.5x	65.9x	1.6x	1.8x	1.9x	2.0x	2.0x	2.1x	21.0x	23.5x	26.7x	29.3x	25.7x	27.4x	14.4x	17.3x	20.8x	25.5x	16.6x	19.5x
Restaurants	1.6x	1.8x	2.6x	2.5x	2.1x	1.9x	52.8x	53.6x	60.2x	51.6x	42.1x	38.9x	4.0x	5.3x	7.0x	6.1x	5.8x	5.5x	60.7x	46.3x	45.0x	38.5x	27.3x	31.9x	56.0x	41.7x	43.9x	36.3x	24.4x	29.5x
Retailing: General	0.3x	0.4x	0.6x	0.7x	0.7x	0.7x	26.7x	25.1x	23.8x	24.1x	17.7x	22.0x	3.2x	3.7x	3.7x	3.1x	3.1x	4.4x	15.5x	9.9x	12.7x	16.0x	15.8x	31.7x	15.4x	11.5x	13.1x	13.2x	16.1x	22.2x
Retailing: Specialty	0.6x	0.6x	0.7x	0.7x	0.6x	0.6x	22.0x	18.8x	21.0x	16.7x	12.1x	11.3x	2.3x	2.9x	3.2x	3.3x	2.9x	2.8x	13.6x	10.2x	8.3x	10.1x	11.6x	12.6x	6.3x	6.2x	7.1x	7.1x	8.4x	9.0x
Semiconductor Equipment	3.0x	3.9x	4.5x	4.1x	3.1x	3.4x	32.2x	37.8x	45.3x	38.9x	30.3x	35.6x	2.3x	3.6x	4.1x	4.4x	3.7x	3.5x	23.0x	30.4x	32.6x	37.8x	30.8x	40.4x	23.9x	31.1x	35.7x	40.6x	32.0x	42.1x
Semiconductors	6.0x	7.4x	7.6x	7.3x	7.2x	7.8x	55.3x	63.5x	58.3x	57.4x	54.2x	62.0x	4.2x	6.1x	6.0x	5.8x	5.4x	6.2x	28.9x	38.7x	38.9x	37.3x	33.4x	34.9x	29.7x	43.4x	46.7x	38.6x	38.6x	37.3x
Supermarkets & Drugstores	0.3x	0.3x	0.4x	0.3x	0.3x	0.4x	16.1x	20.7x	25.3x	23.9x	23.3x	25.2x	1.5x	1.7x	2.2x	2.2x	1.8x	1.9x	15.0x	16.8x	22.5x	23.4x	24.4x	25.9x	7.6x	15.4x	16.9x	19.7x	21.6x	16.5x
Telecommunications: Wireless	1.8x	1.5x	1.7x	1.7x	1.5x	1.2x	18.8x	16.2x	24.0x	18.3x	63.4x	21.7x	1.2x	1.1x	1.3x	1.2x	1.1x	1.0x	17.1x	31.3x	24.6x	17.1x	17.2x	49.6x	17.8x	27.0x	25.4x	28.9x	32.3x	40.4x
Telecommunications: Wireline	1.2x	1.2x	1.3x	1.4x	1.1x	1.0x	16.5x	13.2x	17.6x	18.4x	15.1x	11.8x	1.2x	1.1x	1.4x	2.2x	1.9x	1.9x	12.0x	13.6x	13.3x	11.9x	12.3x	45.1x	5.2x	5.8x	5.0x	7.1x	11.1x	27.4x
Transportation: Commercial	1.4x	1.5x	1.7x	1.8x	1.6x	1.8x	29.7x	32.6x	33.3x	29.9x	25.6x	28.5x	3.5x	4.1x	4.6x	4.6x	4.1x	5.1x	30.9x	34.2x	38.3x	36.3x	33.0x	35.3x	30.1x	35.0x	39.0x	35.8x	33.6x	
								02.04	00.04	20.07	20.07	20.07	0.04					0.17	00.0A	5 <u>2</u> A	00.0A	00.07	00.04	00.04	55. IX	00.07	00.04	00.0X	00.04	0OA

\*\* The 35 CVG Industry Indices presented herein are comprised of public companies ranging in numbers between approximately 15 and 70 companies. The presented data reflects the median measure by industry. Readers interested in detailed data of a particular industry are invited to contact the Cortland Valuation team.

#### QUARTERLY VALUATION REVIEW Q4 - 2021

Cortland Valuation Group, Inc. San Diego, CA | Washington, D.C. | Austin, TX

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	GROWTH RATES & MARGINS																													
INDUSTRY		Rev	enue Gi	rowth (T	TM)		EBITDA Growth (TTM)							EBIT Growth (TTM)							BITDA	MARGI	N		EBIT MARGIN					
	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Aerospace & Defense	-4.6%	-6.9%	-5.3%	-3.0%	2.3%	3.5%	-7.9%	-6.3%	-3.6%	3.7%	5.5%	9.4%	-8.5%	-8.1%	-0.6%	6.1%	4.8%	11.7%	13.1%	13.4%	12.7%	13.1%	14.1%	13.6%	13.1%	13.4%	12.7%	13.1%	14.1%	13.6%
Apparel & Footwear	-11.8%	-13.5%	-13.6%	2.4%	13.6%	21.1%	-53.2%	-54.6%	-44.2%	56.0%	120.9%	153.2%	-52.4%	-56.6%	-30.3%	88.7%	130.5%	123.2%	5.5%	5.3%	5.9%	10.4%	12.5%	12.2%	3.8%	3.4%	3.8%	8.2%	10.8%	11.0%
Autos & Auto Parts	-13.9%	-10.7%	-7.6%	18.9%	20.1%	16.8%	-24.8%	-14.6%	-2.0%	77.1%	62.9%	33.3%	-26.0%	-19.4%	3.8%	114.3%	103.6%	68.9%	9.6%	10.1%	11.9%	12.8%	12.4%	12.0%	9.6%	10.1%	11.9%	12.8%	12.4%	12.0%
Biotechnology	3.5%	10.0%	12.5%	19.1%	19.0%	18.0%	22.7%	27.8%	21.6%	37.3%	27.3%	22.4%	22.2%	27.4%	24.7%	37.7%	31.6%	24.7%	28.3%	29.3%	31.6%	31.9%	28.9%	32.3%	28.3%	29.3%	31.6%	31.9%	28.9%	32.3%
Broadcasting, Cable & Satellite	-2.1%	-3.6%	-2.0%	4.4%	9.6%	12.7%	2.2%	7.7%	5.1%	17.5%	14.3%	9.6%	-3.9%	14.7%	16.6%	33.3%	19.6%	15.3%	25.7%	26.3%	29.5%	29.4%	28.7%	24.1%	25.7%	26.3%	29.5%	29.4%	28.7%	24.1%
Communications Equipment	0.3%	-1.1%	1.1%	4.0%	9.3%	10.7%	2.2%	3.2%	4.8%	4.8%	14.4%	14.5%	3.1%	4.5%	9.6%	7.6%	18.8%	19.6%	15.4%	16.2%	17.5%	18.6%	17.0%	17.1%	15.4%	16.2%	17.5%	18.6%	17.0%	17.1%
Computers: Commercial Services	3.2%	1.7%	2.3%	5.2%	7.9%	11.1%	4.5%	9.2%	12.1%	10.1%	15.2%	17.1%	1.9%	3.2%	9.3%	10.8%	17.8%	20.7%	16.3%	16.8%	17.5%	19.0%	19.6%	20.8%	16.3%	16.8%	17.5%	19.0%	19.6%	20.8%
Computers: Hardware	-5.2%	-7.1%	-6.9%	-0.8%	4.8%	9.5%	-1.0%	-5.4%	3.1%	10.3%	12.1%	12.9%	-0.9%	-2.2%	5.3%	9.0%	20.7%	23.6%	9.4%	9.1%	9.7%	10.1%	10.6%	10.6%	9.4%	9.1%	9.7%	10.1%	10.6%	10.6%
Computers: Software	5.0%	4.9%	4.9%	7.7%	8.1%	9.9%	15.6%	17.0%	14.5%	21.7%	19.1%	12.6%	18.4%	22.3%	22.4%	27.0%	22.0%	17.4%	20.6%	20.4%	20.4%	20.3%	19.8%	20.4%	20.6%	20.4%	20.4%	20.3%	19.8%	20.4%
Computers: Storage & Peripherals	-0.3%	2.7%	2.1%	2.8%	2.8%	9.2%	-5.4%	11.6%	1.1%	2.7%	17.6%	29.7%	-2.6%	-7.0%	-3.4%	3.5%	16.8%	35.4%	13.2%	13.2%	14.3%	14.1%	14.4%	16.4%	13.2%	13.2%	14.3%	14.1%	14.4%	16.4%
Environmental & Waste MGMT	1.1%	1.1%	0.7%	5.4%	8.2%	11.2%	9.7%	8.0%	7.1%	12.1%	16.8%	15.3%	9.9%	9.9%	7.2%	19.4%	20.4%	18.7%	20.8%	20.8%	22.2%	22.7%	22.5%	22.0%	20.8%	20.8%	22.2%	22.7%	22.5%	22.0%
Foods & Nonalcoholic Beverages	1.8%	2.6%	4.7%	4.2%	7.4%	9.0%	5.8%	5.7%	13.5%	12.2%	10.4%	7.2%	5.5%	6.5%	16.2%	12.6%	15.2%	7.9%	15.5%	15.6%	16.2%	16.1%	16.7%	16.4%	15.5%	15.6%	16.2%	16.1%	16.7%	16.4%
Healthcare: Facilities	2.1%	1.6%	4.3%	10.3%	9.7%	10.1%	0.8%	2.7%	13.5%	29.2%	29.1%	15.1%	-2.4%	-0.7%	11.0%	31.1%	39.1%	16.7%	12.0%	11.5%	12.5%	13.3%	13.6%	14.2%	12.0%	11.5%	12.5%	13.3%	13.6%	14.2%
Healthcare: Managed Care	17.9%	14.7%	15.3%	14.2%	12.3%	12.6%	31.6%	17.2%	20.1%	-13.1%	-12.8%	-3.7%	52.8%	18.3%	21.4%	-13.2%	-24.5%	-7.3%	7.2%	6.0%	6.0%	4.8%	4.6%	4.9%	7.2%	6.0%	6.0%	4.8%	4.6%	4.9%
Heatlhcare: Pharmaceuticals	0.1%	1.8%	1.8%	6.2%	10.8%	13.1%	-1.3%	8.0%	3.3%	13.6%	13.1%	13.2%	1.0%	16.2%	6.6%	14.9%	16.8%	15.2%	26.5%	26.6%	23.8%	21.7%	19.1%	25.1%	26.5%	26.6%	23.8%	21.7%	19.1%	25.1%
Healthcare: Products & Supplies	-1.0%	-1.0%	0.8%	10.2%	13.1%	12.4%	-5.7%	-1.3%	-2.4%	24.5%	22.3%	19.3%	-9.1%	-4.8%	-6.3%	29.1%	27.4%	20.2%	23.9%	24.5%	24.9%	26.2%	26.8%	26.1%	23.9%	24.5%	24.9%	26.2%	26.8%	26.1%
Heavy Equipment & Trucks	-13.5%	-12.7%	-11.3%	1.7%	15.3%	21.5%	-5.3%	-0.2%	-12.2%	15.5%	21.7%	15.0%	-10.0%	-9.0%	-23.2%	10.0%	28.5%	20.8%	13.8%	13.8%	14.1%	14.1%	13.1%	12.5%	13.8%	13.8%	14.1%	14.1%	13.1%	12.5%
Homebuilding	4.7%	5.7%	9.5%	16.2%	19.5%	23.0%	27.2%	27.0%	30.1%	38.6%	45.1%	45.8%	27.5%	28.5%	30.7%	47.0%	59.3%	47.4%	11.7%	13.0%	13.7%	14.3%	14.6%	14.1%	11.7%	13.0%	13.7%	14.3%	14.6%	14.1%
Industrial Machinery	-6.3%	-6.0%	-3.3%	5.6%	13.4%	16.4%	-4.6%	-7.9%	-3.7%	9.1%	23.3%	22.3%	-9.4%	-10.8%	-6.8%	13.7%	30.8%	28.9%	16.4%	16.5%	16.5%	17.2%	17.4%	17.5%	16.4%	16.5%	16.5%	17.2%	17.4%	17.5%
Lodging & Gaming	-32.2%	-33.5%	-31.5%	-5.2%	13.2%	52.2%	-43.3%	-43.2%	-25.3%	-0.7%	84.0%	146.7%	-68.2%	-69.9%	-40.9%	62.6%	243.2%	316.4%	17.1%	12.6%	19.0%	22.5%	23.2%	22.8%	17.1%	12.6%	19.0%	22.5%	23.2%	22.8%
Natural Gas Distribution	-4.0%	-2.9%	3.2%	7.4%	9.4%	12.6%	7.3%	5.6%	10.2%	7.9%	6.8%	5.7%	7.5%	4.7%	6.6%	8.0%	5.3%	3.7%	34.8%	35.0%	35.4%	34.8%	34.2%	33.0%	34.8%	35.0%	35.4%	34.8%	34.2%	33.0%
Oil & Gas: Equipment & Services	-9.2%	-12.0%	-15.9%	-15.1%	-10.5%	-1.9%	-17.0%	-22.5%	-16.0%	-13.6%	-13.2%	-13.2%	-19.6%	-25.5%	-18.2%	-9.7%	19.0%	22.8%	9.4%	11.3%	8.3%	9.2%	9.4%	9.5%	9.4%	11.3%	8.3%	9.2%	9.4%	9.5%
Oil & Gas: Production & Marketing	-29.4%	-32.5%	-26.0%	0.6%	29.0%	73.1%	-38.8%	-33.4%	-43.8%	-6.9%	9.0%	45.8%	-54.8%	-25.1%	-28.4%	7.7%	-3.8%	32.4%	40.4%	38.5%	24.9%	26.5%	30.1%	40.7%	40.4%	38.5%	24.9%	26.5%	30.1%	40.7%
Paper & Forest Products	0.0%	2.3%	0.3%	5.6%	11.1%	12.9%	6.3%	7.3%	1.3%	4.7%	20.4%	10.4%	11.4%	3.1%	1.6%	14.7%	22.3%	19.0%	15.4%	16.0%	16.1%	17.4%	15.6%	15.4%	15.4%	16.0%	16.1%	17.4%	15.6%	15.4%
Publishing & Advertising	-3.5%	-7.7%	-6.1%	1.7%	5.1%	9.0%	-8.1%	-2.8%	3.8%	12.2%	19.0%	20.5%	-8.7%	-4.2%	5.5%	21.9%	28.3%	28.3%	12.5%	13.4%	13.5%	14.3%	14.2%	15.0%	12.5%	13.4%	13.5%	14.3%	14.2%	15.0%
Real Estate Investment Trusts	-3.0%	-3.6%	-4.2%	-1.1%	3.9%	8.3%	-2.4%	-3.8%	-4.9%	-0.8%	4.5%	10.0%	-5.5%	-11.4%	-10.2%	-1.4%	7.7%	12.3%	57.8%	57.4%	56.2%	56.7%	57.6%	57.9%	57.8%	57.4%	56.2%	56.7%	57.6%	57.9%
Restaurants	-6.2%	-10.1%	-6.3%	7.4%	12.7%	16.5%	-15.9%	-15.5%	-11.3%	19.5%	37.2%	36.2%	-21.3%	-17.5%	-6.4%	23.2%	45.3%	37.4%	12.8%	12.4%	12.8%	14.0%	14.9%	14.9%	12.8%	12.4%	12.8%	14.0%	14.9%	14.9%
Retailing: General	-16.2%	-19.7%	-24.3%	-8.6%	5.6%	12.6%	-50.8%	-30.6%	22.2%	20.9%	43.2%	23.5%	18.6%	33.3%	44.5%	37.0%	16.2%	-2.9%	4.3%	3.5%	3.2%	8.1%	7.8%	9.7%	4.3%	3.5%	3.2%	8.1%	7.8%	9.7%
Retailing: Specialty	-0.4%	1.0%	4.8%	16.9%	20.7%	19.2%	12.9%	17.1%	39.5%	68.6%	46.2%	49.7%	15.5%	21.3%	47.0%	76.9%	47.9%	57.6%	6.7%	7.0%	9.9%	10.9%	12.0%	10.8%	6.7%	7.0%	9.9%	10.9%	12.0%	10.8%
Semiconductor Equipment	14.4%	15.1%	16.9%	21.6%	29.8%	31.8%	24.8%	39.2%	40.5%	55.9%	58.7%	52.2%	33.4%	45.2%	49.9%	57.4%	58.9%	60.8%	16.2%	18.1%	19.1%	20.7%	23.1%	23.9%	16.2%	18.1%	19.1%	20.7%	23.1%	23.9%
Semiconductors	2.4%	3.1%	8.1%	11.7%	21.7%	25.8%	3.3%	8.1%	14.2%	34.1%	43.0%	49.6%	-3.4%	4.3%	24.0%	47.9%	66.5%	61.2%	21.6%	21.2%	21.7%	22.7%	23.3%	28.8%	21.6%	21.2%	21.7%	22.7%	23.3%	28.8%
Supermarkets & Drugstores	6.1%	4.7%	6.7%	5.3%	4.8%	8.6%	13.7%	11.8%	10.9%	0.9%	-3.7%	4.6%	16.2%	17.7%	19.0%	-1.1%	-4.3%	1.2%	4.4%	4.3%	4.2%	4.2%	4.5%	4.6%	4.4%	4.3%	4.2%	4.2%	4.5%	4.6%
Telecommunications: Wireless	-1.2%	0.4%	-1.4%	2.4%	2.7%	2.0%	4.6%	3.3%	0.5%	2.1%	-1.1%	-0.8%	6.4%	0.9%	6.0%	6.8%	8.7%	1.4%	31.8%	27.5%	26.0%	26.0%	26.0%	26.0%	31.8%	27.5%	26.0%	26.0%	26.0%	26.0%
Telecommunications: Wireline	-2.7%	-2.7%	-1.5%	0.5%	0.4%	-1.7%	-0.3%	-1.0%	-0.4%	-1.0%	-0.3%	-1.4%	1.9%	-3.4%	-0.1%	4.4%	6.8%	-1.8%	31.8%	29.5%	30.3%	30.0%	30.5%	33.6%	31.8%	29.5%	30.3%	30.0%	30.5%	33.6%
Transportation: Commercial	-4.6%	-1.6%	1.2%	16.1%	18.9%	21.1%	0.0%	-1.0%	10.9%	24.0%	26.9%	36.9%	-6.0%	-2.0%	17.3%	35.0%	51.3%	55.9%	15.4%	17.0%	18.8%	20.5%	19.8%	19.8%	15.4%	17.0%	18.8%	20.5%	19.8%	19.8%

\*\* The 35 CVG Industry Indices presented herein are comprised of public companies ranging in numbers between approximately 15 and 70 companies. The presented data reflects the median measure by industry.

Readers interested in detailed data of a particular industry are invited to contact the Cortland Valuation team.

## QUARTERLY VALUATION REVIEW Q4 - 2021

Cortland Valuation Group, Inc. San Diego, CA | Washington, D.C. | Austin, TX Phone: 512-348-8088 | www.cortlandquarterly.com

	ADDITIONAL KEY MEASURES																																
	LIQUIDITY ASSET BASE (Current Ratio) (Intangible Assets to Total Assets)													INTERNAL INVESTMENT LEVERAGE (CapEx to Revenues) (Debt to Capital Ratio)													STOCK PERFORMANCE						
INDUSTRY	3Q20	4Q20	1Q21	2Q21	) 3Q21	4Q21	( 3Q20	4Q20	IC ASSETS	2Q21	3Q21	4Q21	3Q20	(Ca 4Q20	1Q21	2Q21	es) 3Q21	4Q21	3Q20	(Der 4Q20	1Q21	2Q21	atio) 3Q21	4Q21	3Q20	4Q20	1Q21	TM) 2Q21	3Q21	4Q21			
Aerospace & Defense	1.7x	1.6x	1.8x	1.6x	1.8x	1.7x	24.9%	21.1%	25.5%	26.2%	30.4%	30.2%	2.8%	2.7%	2.7%	2.5%	2.3%	2.3%	50.1%	49.7%	48.5%	52.7%	54.8%	46.0%	-25.3%	-13.5%	63.4%	36.3%	37.8%	9.2%			
Apparel & Footwear	1.8x	1.8x	1.8x	1.8x	1.8x	1.7x	6.8%	6.1%	6.1%	6.0%	5.9%	6.6%	2.3%	1.5%	1.8%	1.4%	1.5%	1.7%	59.9%	57.1%	56.4%	56.5%	54.4%	54.0%	-22.3%	-12.1%	143.8%	100.9%	63.5%	23.7%			
Autos & Auto Parts	1.5x	1.5x	1.5x	1.5x	1.5x	1.5x	17.5%	14.4%	17.1%	20.1%	21.8%	21.2%	3.5%	2.9%	2.7%	2.4%	2.6%	2.4%	47.4%	48.2%	46.9%	47.0%	44.9%	43.2%	-7.5%	9.7%	116.6%	50.3%	46.1%	21.8%			
Biotechnology	3.0x	2.9x	2.9x	2.9x	2.8x	2.4x	41.4%	45.5%	44.6%	46.2%	44.4%	45.0%	3.7%	3.9%	3.6%	3.5%	3.4%	3.4%	36.7%	36.4%	36.6%	37.5%	37.2%	37.1%	31.3%	20.6%	60.9%	42.7%	42.6%	34.7%			
Broadcasting, Cable & Satellite	1.1x	1.2x	1.2x	1.3x	1.2x	1.1x	48.0%	49.2%	48.6%	49.1%	49.8%	49.7%	4.6%	4.3%	4.3%	4.2%	4.4%	4.9%	53.4%	53.9%	53.9%	52.3%	51.8%	53.1%	-14.8%	-1.0%	82.7%	49.0%	35.6%	5.4%			
Communications Equipment	2.1x	2.1x	2.3x	2.3x	1.7x	2.0x	24.5%	23.7%	24.9%	23.8%	22.1%	21.0%	2.2%	2.2%	2.2%	2.1%	2.2%	2.1%	31.3%	34.1%	36.2%	35.7%	34.2%	34.8%	-9.6%	7.5%	62.4%	35.7%	36.3%	37.8%			
Computers: Commercial Services	1.5x	1.5x	1.4x	1.5x	1.5x	1.3x	34.2%	35.9%	37.3%	37.5%	37.5%	38.5%	2.6%	2.4%	2.1%	2.0%	1.9%	2.2%	46.5%	43.4%	47.4%	48.0%	47.3%	46.6%	-1.7%	2.6%	47.0%	24.6%	24.1%	8.6%			
Computers: Hardware	1.7x	1.5x	1.5x	1.5x	1.5x	1.5x	32.2%	30.0%	29.6%	29.2%	26.1%	28.2%	2.8%	2.7%	2.6%	2.6%	2.9%	2.8%	50.2%	48.6%	47.3%	48.2%	49.3%	50.2%	-16.7%	13.3%	72.6%	55.1%	41.3%	34.3%			
Computers: Software	1.4x	1.3x	1.3x	1.3x	1.4x	1.3x	47.4%	45.1%	50.2%	52.3%	51.6%	54.0%	2.0%	1.8%	1.8%	1.6%	1.6%	1.4%	38.0%	38.9%	37.7%	42.9%	44.7%	43.8%	18.4%	31.9%	47.2%	30.4%	23.4%	10.3%			
Computers: Storage & Peripherals	1.5x	1.6x	1.8x	1.6x	1.9x	1.7x	36.1%	36.9%	31.5%	33.7%	33.4%	30.1%	2.5%	2.3%	2.4%	1.9%	1.9%	1.9%	50.4%	50.4%	50.0%	48.6%	45.8%	53.4%	-8.4%	4.5%	74.3%	73.2%	54.4%	35.6%			
Environmental & Waste MGMT	1.2x	1.2x	1.1x	1.2x	1.0x	0.9x	25.3%	22.1%	22.2%	21.5%	25.1%	33.1%	11.7%	10.7%	9.2%	8.5%	8.8%	10.6%	52.2%	52.2%	51.2%	51.4%	51.4%	48.4%	7.9%	7.4%	39.4%	27.3%	22.8%	31.1%			
Foods & Nonalcoholic Beverages	1.6x	1.6x	1.7x	1.6x	1.6x	1.6x	39.8%	39.0%	38.5%	38.9%	42.0%	42.4%	3.4%	3.2%	3.6%	3.6%	3.3%	3.3%	45.2%	43.2%	42.6%	41.7%	41.4%	40.6%	3.1%	3.6%	26.3%	23.5%	11.2%	12.6%			
Healthcare: Facilities	1.3x	1.6x	1.6x	1.6x	1.6x	1.6x	44.0%	44.9%	47.6%	50.0%	50.8%	44.9%	3.3%	3.1%	2.7%	2.7%	2.7%	3.2%	54.3%	53.8%	52.4%	49.0%	45.5%	42.7%	12.9%	21.3%	88.2%	66.1%	35.7%	21.8%			
Healthcare: Managed Care	1.6x	1.6x	1.6x	1.5x	1.5x	1.4x	36.0%	35.9%	33.7%	36.4%	35.6%	35.2%	0.9%	0.8%	0.8%	0.9%	0.8%	0.8%	39.2%	38.7%	40.3%	40.9%	42.4%	42.1%	39.1%	11.9%	36.4%	26.3%	18.2%	37.3%			
Heatlhcare: Pharmaceuticals	1.4x	1.4x	1.3x	1.3x	1.3x	1.4x	38.4%	37.4%	38.1%	37.4%	37.4%	41.0%	3.1%	3.2%	3.3%	3.3%	3.2%	3.0%	61.1%	61.0%	59.7%	60.3%	55.4%	55.5%	15.1%	6.0%	33.4%	17.1%	10.6%	16.0%			
Healthcare: Products & Supplies	2.5x	2.4x	2.4x	2.4x	2.5x	2.4x	44.1%	45.5%	43.8%	44.2%	43.2%	43.3%	4.3%	4.0%	4.0%	3.8%	4.2%	4.4%	36.9%	36.1%	33.8%	35.2%	34.7%	33.8%	8.9%	13.1%	41.9%	28.4%	22.6%	10.6%			
Heavy Equipment & Trucks	2.3x	2.3x	2.2x	2.1x	2.1x	1.9x	10.6%	10.0%	10.0%	9.8%	9.9%	10.2%	3.0%	2.6%	2.4%	2.3%	2.3%	3.1%	43.1%	40.6%	37.0%	37.0%	37.1%	36.4%	5.6%	21.2%	88.0%	68.8%	39.3%	19.0%			
Homebuilding	4.3x	3.9x	3.7x	3.9x	3.9x	3.8x	10.8%	10.7%	10.4%	10.0%	9.9%	10.9%	1.4%	1.4%	1.4%	1.1%	1.4%	1.3%	37.4%	33.9%	36.9%	35.9%	36.6%	34.9%	24.8%	16.5%	134.9%	55.8%	13.6%	44.8%			
Industrial Machinery	2.4x	2.3x	2.2x	2.2x	2.2x	2.2x	42.9%	42.3%	40.7%	39.3%	38.9%	38.5%	2.5%	2.5%	2.2%	2.1%	2.1%	2.1%	37.0%	35.3%	33.5%	32.5%	32.2%	32.1%	-4.6%	8.6%	78.9%	55.6%	39.1%	19.3%			
Lodging & Gaming	1.5x	1.7x	1.8x	1.5x	1.3x	1.4x	25.5%	22.4%	23.0%	21.5%	21.3%	25.3%	8.5%	8.0%	6.4%	6.0%	5.3%	5.9%	74.3%	74.9%	75.0%	74.7%	75.4%	74.0%	-17.2%	-1.2%	134.5%	80.4%	71.6%	25.3%			
Natural Gas Distribution	0.8x	0.7x	0.8x	0.8x	0.8x	0.7x	5.9%	5.5%	6.1%	5.8%	5.8%	6.2%	34.3%	34.4%	32.1%	31.9%	31.7%	30.6%	57.8%	58.6%	57.1%	57.7%	59.7%	59.4%	-19.0%	-14.7%	13.2%	16.6%	10.3%	14.5%			
Oil & Gas: Equipment & Services	2.0x	2.0x	2.0x	2.1x	2.0x	2.1x	6.8%	6.5%	7.5%	7.5%	7.7%	8.0%	5.3%	4.1%	4.0%	3.7%	3.6%	3.6%	41.6%	32.6%	32.6%	33.9%	34.9%	34.8%	-58.5%	-49.0%	101.6%	66.3%	57.8%	7.5%			
Oil & Gas: Production & Marketing	1.0x	0.9x	0.8x	0.7x	0.7x	0.9x	6.0%	6.0%	5.5%	4.8%	4.7%	4.0%	28.6%	24.8%	20.2%	16.1%	16.4%	15.7%	51.5%	51.8%	47.2%	44.7%	44.2%	43.4%	-48.1%	-36.3%	92.0%	56.3%	100.0%	58.0%			
Paper & Forest Products	1.7x	1.8x	2.0x	1.8x	1.8x	1.8x	12.0%	15.6%	15.2%	14.8%	14.7%	15.3%	4.4%	4.0%	3.6%	3.7%	4.0%	4.4%	47.4%	46.3%	45.9%	46.4%	48.3%	46.9%	-0.3%	8.1%	73.4%	42.3%	24.6%	1.9%			
Publishing & Advertising	1.3x	1.2x	1.2x	1.2x	1.1x	1.0x	40.9%	39.0%	39.6%	40.2%	39.6%	38.9%	2.4%	2.1%	1.7%	1.9%	2.0%	2.7%	60.7%	56.4%	59.9%	59.9%	60.9%	57.8%	-21.8%	-3.0%	83.2%	72.3%	66.2%	26.0%			
Real Estate Investment Trusts	1.9x	2.0x	1.7x	1.8x	1.7x	1.6x	1.5%	1.0%	1.1%	1.4%	1.2%	0.9%	1.3%	1.6%	1.7%	1.6%	1.4%	0.9%	49.1%	48.0%	48.2%	47.0%	46.8%	46.9%	-31.9%	-21.1%	33.5%	32.9%	30.5%	34.6%			
Restaurants	1.1x	1.0x	1.1x	1.0x	1.0x	1.0x	9.0%	9.2%	9.0%	9.2%	9.1%	9.0%	5.3%	4.1%	4.1%	3.5%	3.4%	3.7%	77.6%	76.3%	74.6%	68.9%	68.0%	69.7%	-7.9%	8.9%	124.7%	51.2%	40.7%	8.8%			
Retailing: General	1.2x	1.1x	1.2x	1.3x	1.1x	1.1x	9.8%	9.3%	9.9%	9.6%	9.5%	9.4%	3.2%	2.8%	2.0%	1.9%	1.9%	2.3%	62.9%	63.0%	62.4%	63.2%	64.6%	65.9%	-32.4%	0.3%	154.1%	118.8%	83.6%	25.7%			
Retailing: Specialty	1.3x	1.4x	1.3x	1.3x	1.4x	1.3x	7.7%	7.8%	8.4%	8.8%	8.7%	9.1%	2.0%	1.9%	1.8%	1.7%	1.8%	1.9%	61.0%	60.1%	57.4%	53.7%	50.9%	53.3%	19.7%	25.9%	255.8%	90.8%	41.8%	45.1%			
Semiconductor Equipment	3.8x	3.8x	3.5x	3.1x	3.5x	3.1x	19.2%	16.2%	15.5%	15.0%	15.3%	14.6%	4.1%	3.8%	4.1%	3.6%	3.5%	3.5%	31.9%	32.7%	26.5%	26.9%	27.6%	21.5%	18.4%	36.8%	129.9%	86.7%	71.6%	52.3%			
Semiconductors	3.8x	3.1x	3.6x	3.4x	3.4x	3.1x	21.9%	21.7%	21.1%	21.7%	18.2%	17.3%	3.4%	3.1%	3.1%	3.1%	3.5%	4.1%	30.0%	31.1%	29.2%	27.5%	27.1%	21.6%	14.1%	38.6%	102.6%	52.8%	47.2%	23.9%			
Supermarkets & Drugstores	1.2x	1.3x	1.3x	1.2x	1.2x	1.2x	12.4%	12.2%	13.0%	12.3%	12.1%	11.7%	1.7%	1.7%	1.7%	1.8%	1.8%	1.8%	55.8%	55.0%	62.0%	58.7%	51.3%	50.2%	17.9%	9.6%	35.7%	28.4%	26.6%	37.8%			
Telecommunications: Wireless	1.1x	1.0x	1.0x	1.0x	1.2x	1.1x	31.3%	27.2%	36.1%	36.7%	36.3%	36.0%	15.6%	16.5%	16.9%	15.4%	14.1%	15.2%	65.4%	67.1%	60.0%	62.3%	61.5%	62.7%	-17.2%	-12.1%	13.7%	10.5%	3.9%	-7.9%			
Telecommunications: Wireline	1.0x	1.0x	1.0x	1.0x	1.2x	1.1x	26.7%	17.0%	24.2%	30.0%	28.9%	27.6%	15.4%	16.5%	16.9%	15.4%	14.1%	15.2%	70.7%	74.5%	73.8%	70.6%	69.5%	68.3%	-9.9%	-19.2%	18.0%	11.5%	20.5%	-7.9%			
Transportation: Commercial	1.5x	1.3x	1.5x	1.4x	1.4x	1.3x	8.5%	8.2%	8.9%	8.7%	7.7%	8.0%	8.2%	7.3%	6.8%	7.0%	9.0%	8.3%	43.4%	41.8%	42.8%	42.4%	39.7%	36.9%	18.4%	21.6%	74.8%	50.4%	25.7%	30.1%			

\*\* The 35 CVG Industry Indices presented herein are comprised of public companies ranging in numbers between approximately 15 and 70 companies. The presented data reflects the median measure by industry.

Readers interested in detailed data of a particular industry are invited to contact the Cortland Valuation team.