

Sectorwatch: BPO

March 2019

BPO

March 2019

- Sector Dashboard [4]
- Public Basket Performance [5]
- Operational Metrics [7]
- Valuation Comparison [10]
- Recent Deals [13]
- Appendix [15]

Overview

7MA provides Investment Banking & Advisory Services to the Business Services and Technology Industries globally. We advise on M&A and private capital transactions, and provide market assessments and benchmarking. As a close knit team with a long history together and a laser focus on our target markets, we help our clients sell their companies, raise capital, grow through acquisitions, and evaluate new markets. We publish our sectorwatch, a review of M&A and operational trends in the industries we focus.

Dashboard

- Summary metrics on the sector
- Commentary on market momentum by comparing the most recent 12-month performance against the last 3-year averages.



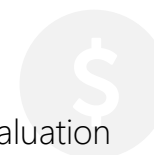
Public Basket Performance

- Summary valuation and operating metrics for a basket of comparable public companies



Valuation Comparison

- Graphical, detailed comparison of valuation multiples for the public basket



Recent Deals

- The most recently announced deals in the sector



Dashboard



Revenue Growth Momentum

↑ **2.0%**

1 - year revenue growth compared to revenue growth average for last 3 years

Current revenue growth rate exceeds the average of the last 3 years by this amount, indicating that market momentum is increasing

Pricing / Gross Margin Momentum

↑ **1.8%**

1 - year gross profit % compared to gross profit % average for last 3 years

Current gross profit margin exceeds the average of the last 3 years gross profit margin by this amount, indicating supplier pricing power

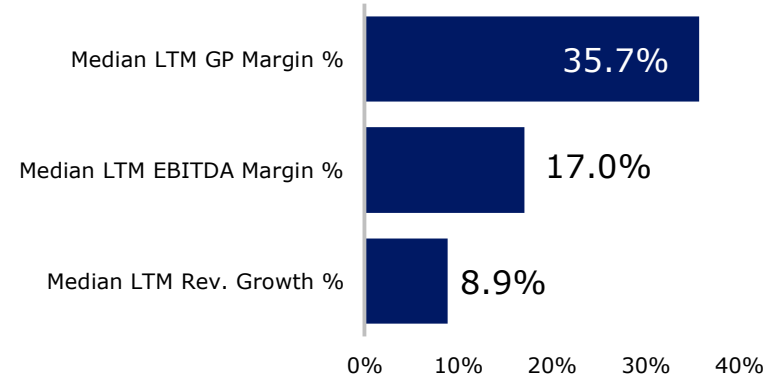
Profitability Momentum

↑ **0.9%**

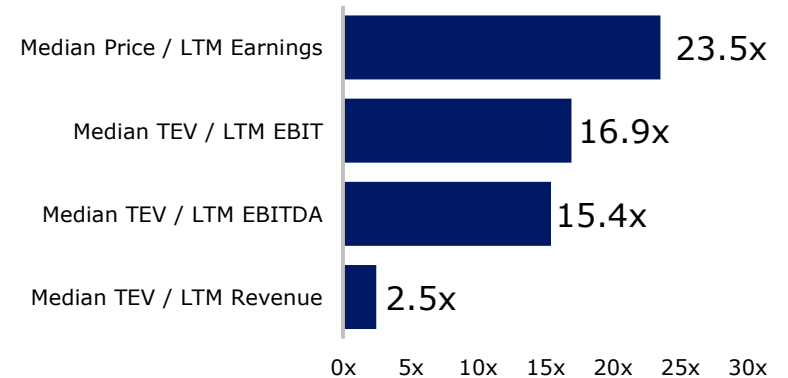
1 - year EBITDA % compared to EBITDA % average for last 3 years

Current EBITDA margin exceeds the average of the last 3 years EBITDA margin by this amount, a condition that may attract new entrants

Operating Metrics



Valuation



Public Basket

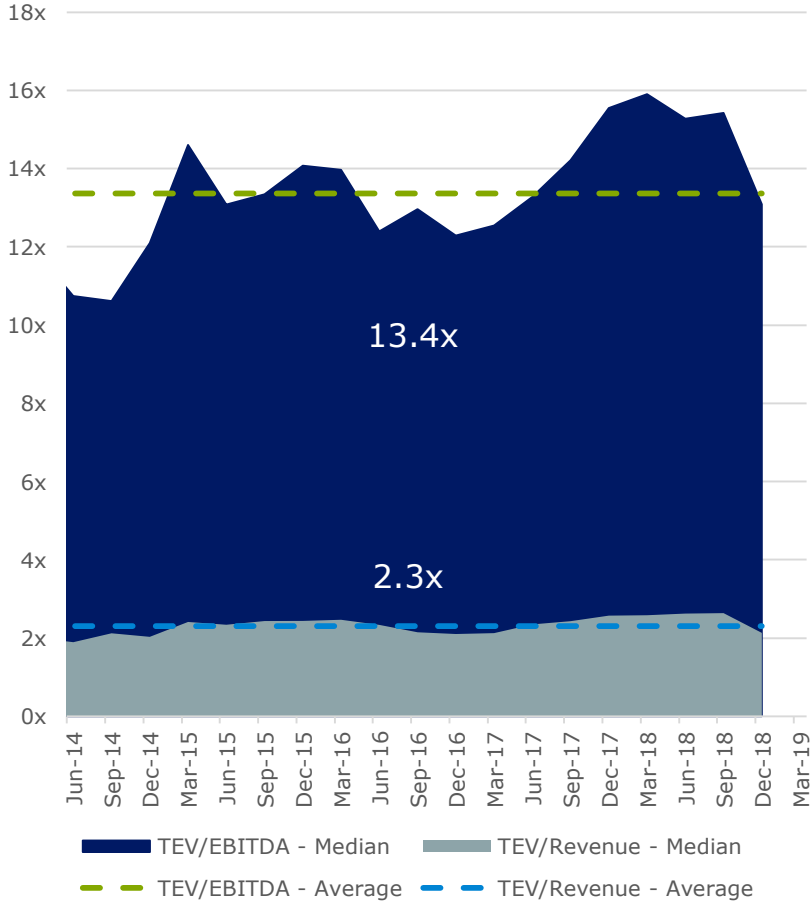


Company	TEV \$m	LTM Rev \$m	Rev Growth YoY	GP %	EBITDA %	TEV / Rev X	TEV / EBITDA X	# FTEs	Rev / FTE \$k
WNS (Holdings) Limited	2,576	801	12%	36%	17%	3.2	18.9	36,540	22
MAXIMUS, Inc.	4,534	2,434	-1%	25%	14%	1.9	13.0	18,600	131
Genpact Limited	7,401	3,001	10%	36%	15%	2.5	16.4	87,000	34
Wipro Limited	18,684	8,239	5%	30%	18%	2.3	12.4	163,827	50
Cognizant Technology Solutions Corporation	37,003	16,125	9%	39%	21%	2.3	11.1	281,600	57
Automatic Data Processing, Inc.	67,423	13,839	8%	44%	23%	4.9	20.9	57,000	243
Accenture plc	101,366	40,295	11%	31%	16%	2.5	15.4	459,000	88

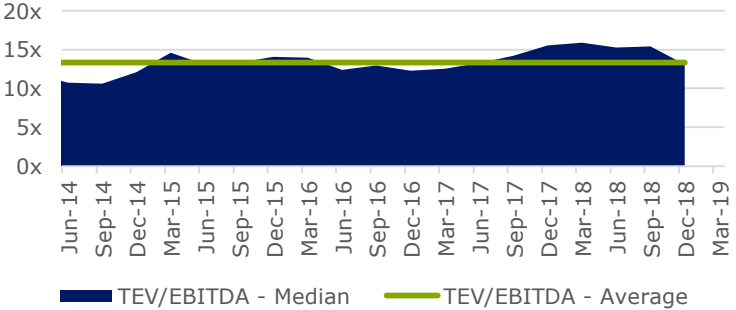
Average	34,141	12,105	8%	34%	18%	2.8	15.5	157,652	89
Median	18,684	8,239	9%	36%	17%	2.5	15.4	87,000	57

share price as of 25Mar19

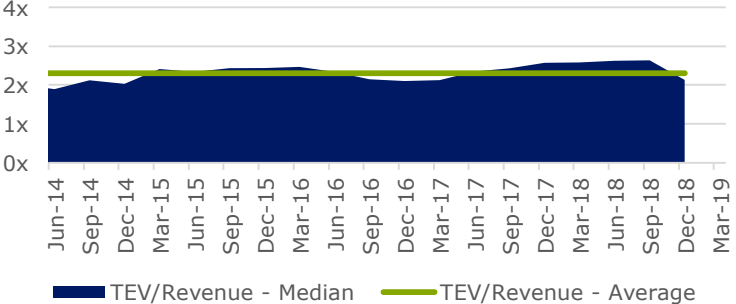
Public Basket Valuation Trends



Public EBITDA Multiples over Time



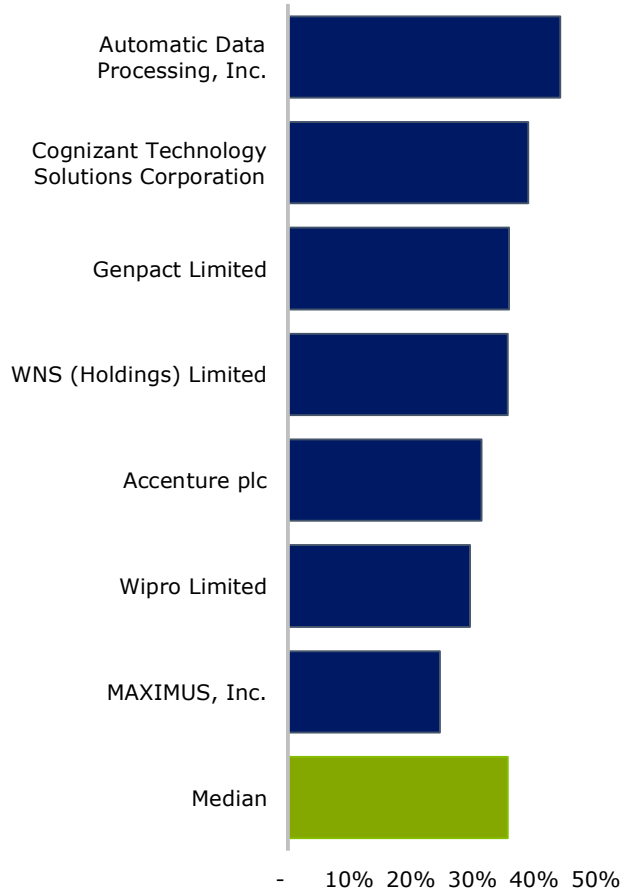
Public Revenue Multiples over Time



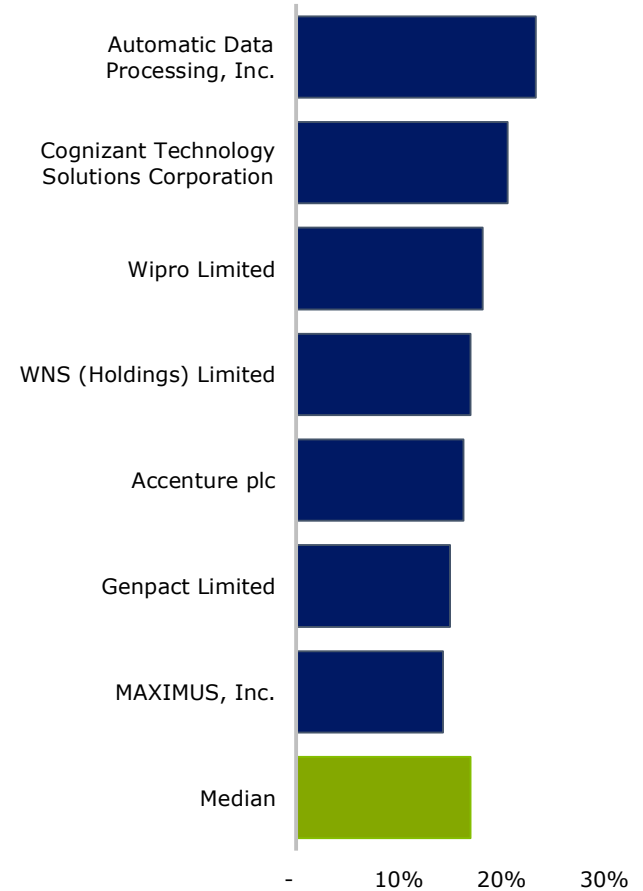
Operational Metrics



LTM Gross Profit Margin %



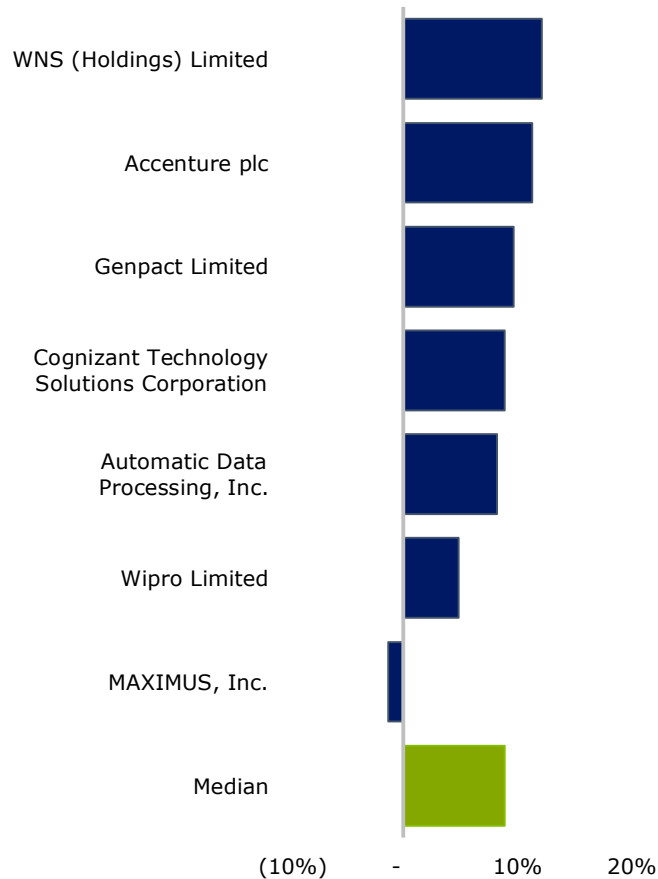
LTM EBITDA %



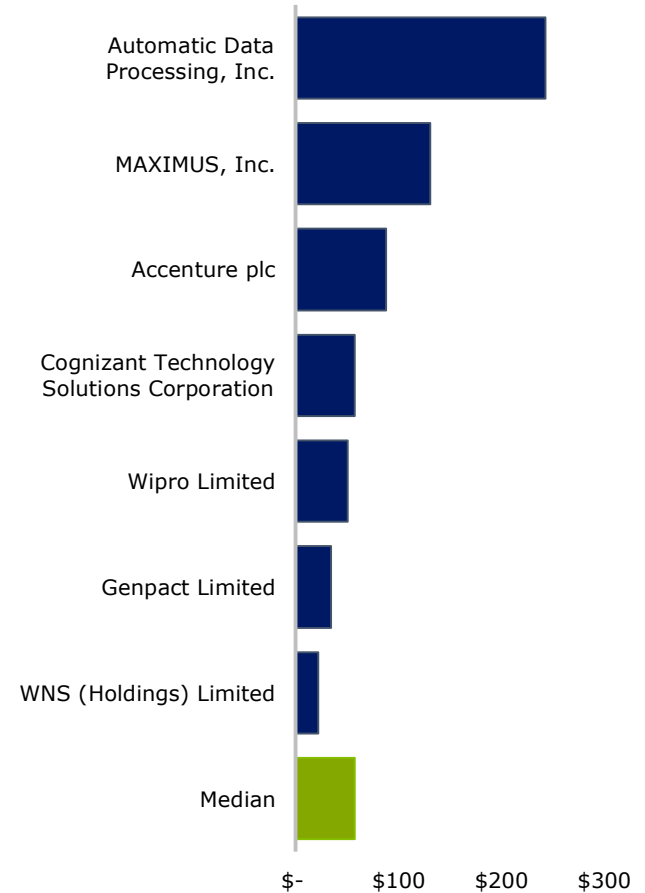
Operational Metrics



LTM Revenue Growth %



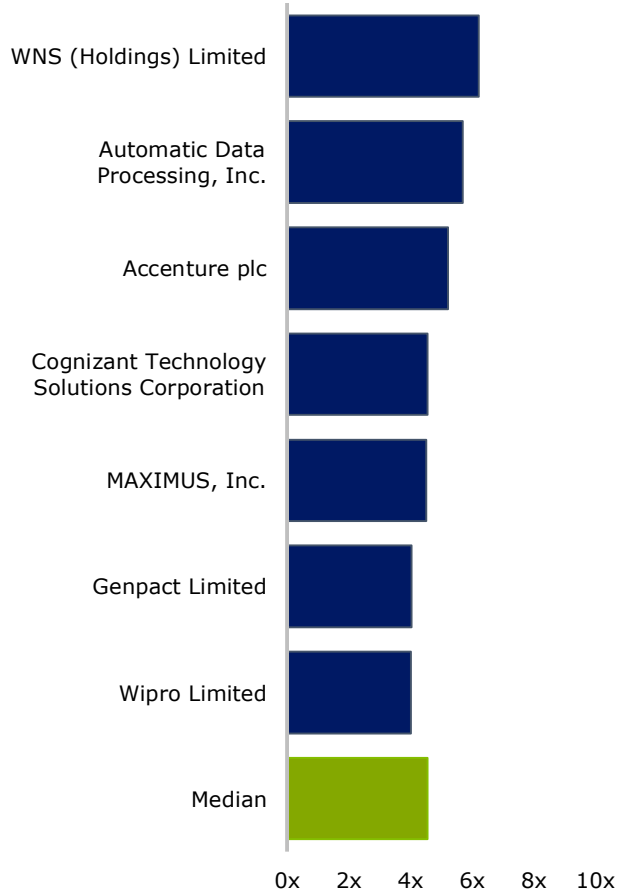
LTM Revenue per Full Time Employee x 000's



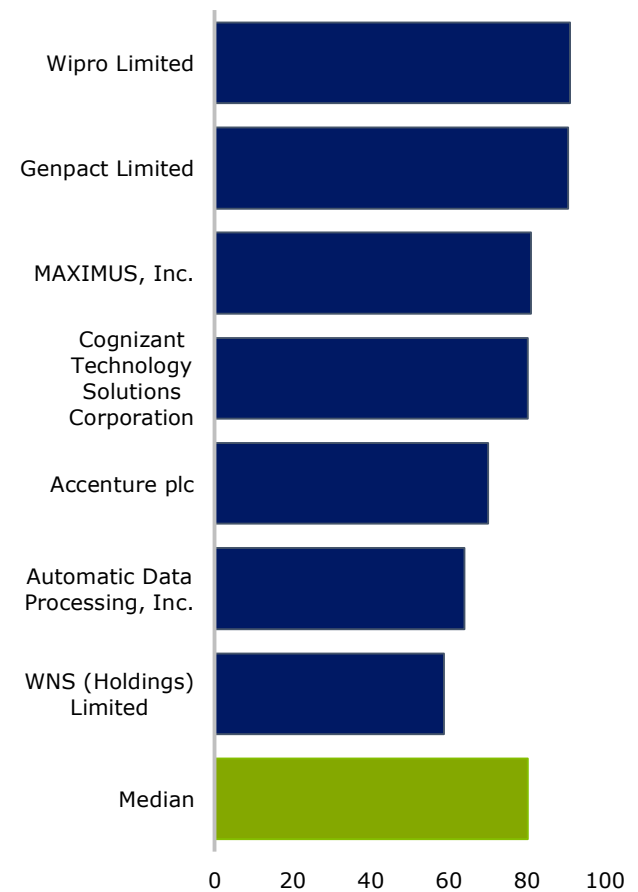
Operational Metrics



Accounts Receivable Turnover



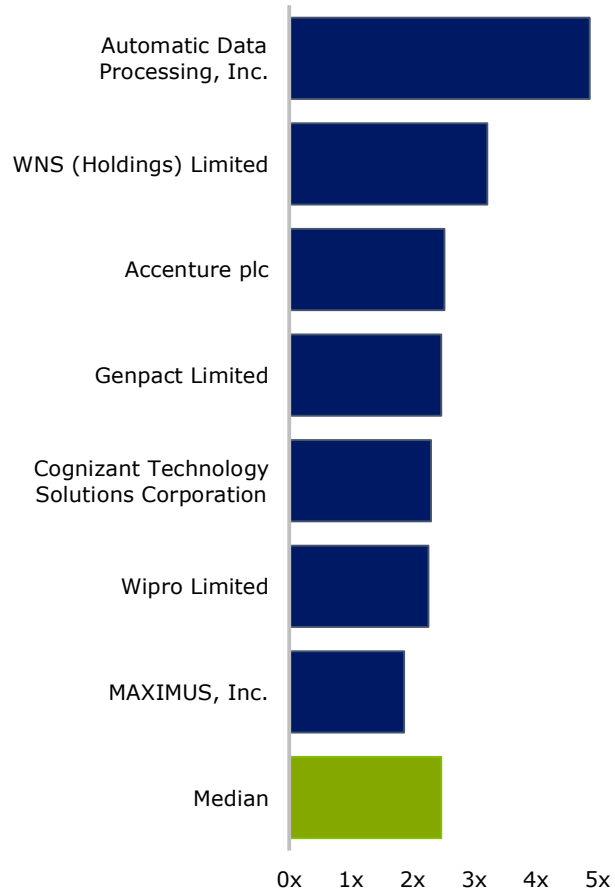
Average Days Sales Outstanding



Valuation



TEV / LTM Revenue



TEV / LTM EBITDA



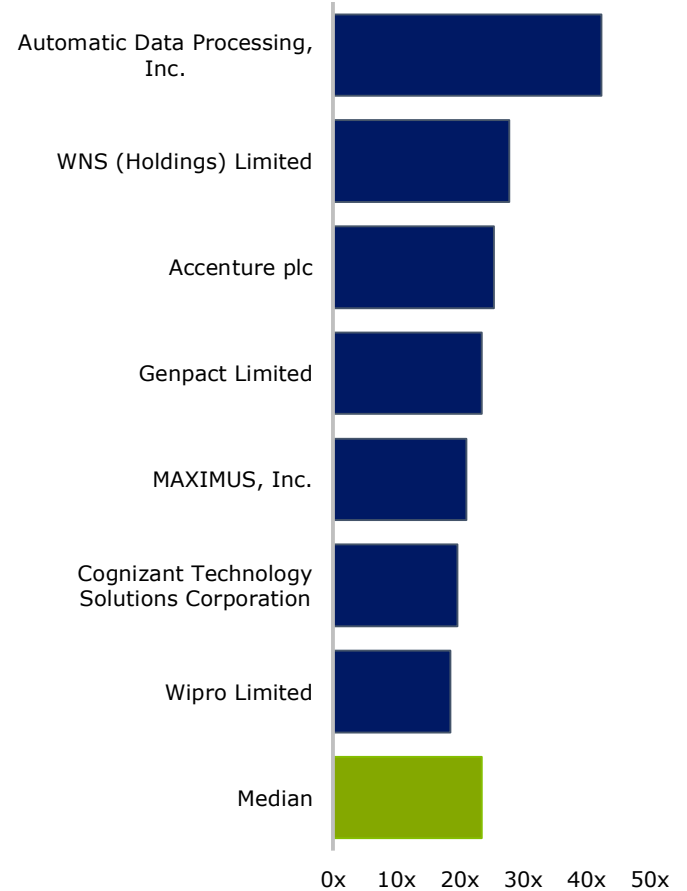
Valuation



TEV / LTM EBIT



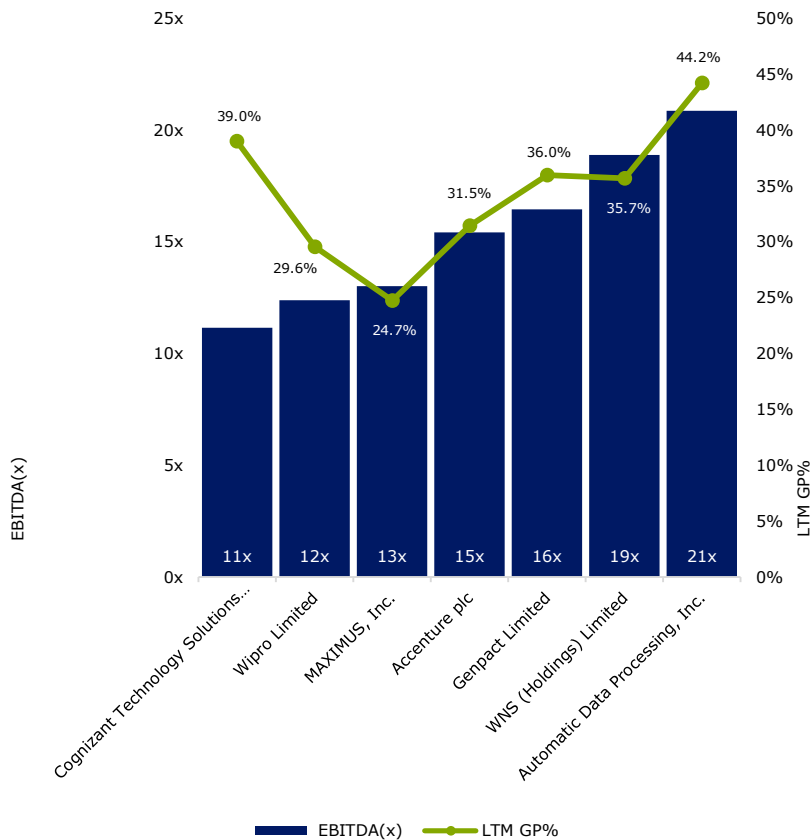
Price / LTM Earnings



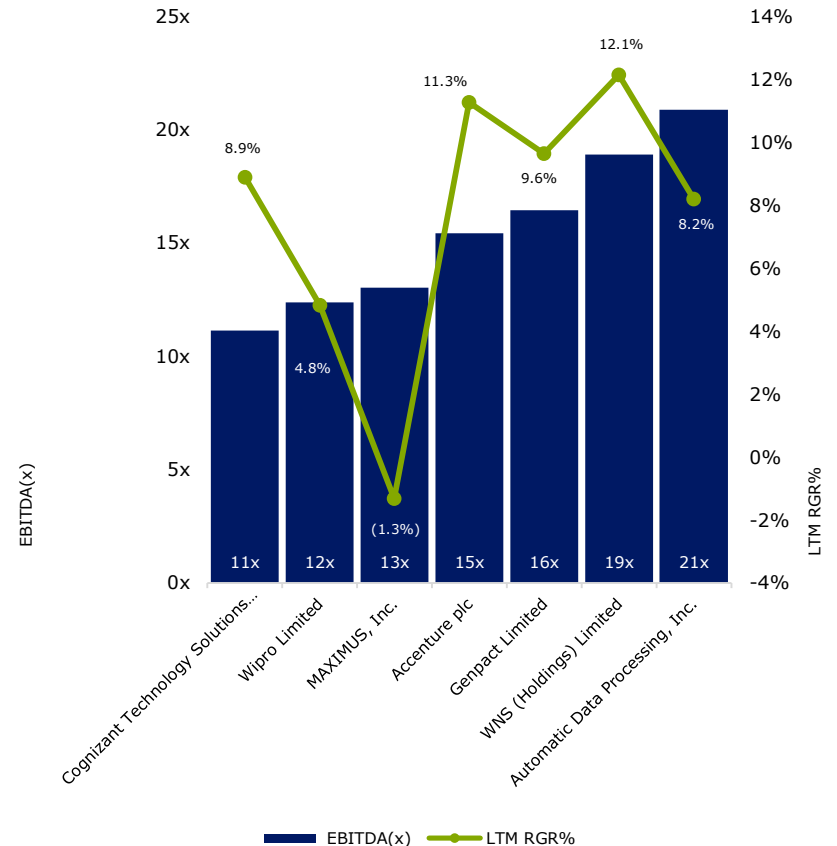
Valuation



Historical Valuation Multiples versus Gross Profit



Historical Valuation Multiples versus Revenue Growth Rate



Recent Transactions



<u>Date</u>	<u>Target</u>	<u>Buyer / Investor</u>	<u>Total Transaction Value</u>	<u>Target Revenue</u>	<u>TEV / Revenue</u>	<u>TEV / EBITDA</u>
20Mar19	Challenger Technologies Limited	Dymon Asia Capital (Singapore) Pte. Ltd.; Dymon Asia Private Equity (S.E. Asia) Fund II Pte. Ltd.	65.03	237.13	0.4x	5.0x
5Mar19	MarketStar Corporation	Wasatch Property Management, Inc.	-	-	-	-
23Jan19	Davies Group Limited	-	65.33	-	-	-
21Jan19	Servtech Global Holdings Limited	Officine 8K S.r.l.	-	0.54	-	-
14Dec18	Hitachi Procurement Service Co.,Ltd.	Panasonic Corporation; Pasona Group Inc.; Infosys Consulting Pte Ltd	-	-	-	-
6Nov18	Spear, Inc.	CALIBRE Systems, Inc.	-	-	-	-
19Oct18	JetPay Corporation	NCR Corporation	188.71	81.02	2.2x	50.7x
18Sep18	VeBridge Holdings, Inc.	Konica Minolta Business Solutions, U.S.A., Inc.	-	-	-	-
29Aug18	Results-Based Outsourcing Inc.	Driven Deliveries, Inc.	-	0.03	-	-
20Aug18	Dalian MPG Marketing Consulting Co., Ltd.	Dalian Recomm CS CO., Ltd.	0.64	1.79	0.4x	-
7Aug18	Harvey Nash Group plc	DBAY Advisors Limited	159.91	1,200.69	0.1x	8.3x
30Jul18	Antworks Pte. Ltd.	SBI Investment Co., Ltd.; SBI AI & Blockchain Fund	15.01	-	-	-
11Jul18	Sonda S.A.	-	-	1,235.18	-	-
26Jun18	Molina Information Systems, LLC	DXC Technology Company	266.00	-	-	-
18Jun18	Microtech Global Solutions Corp.	Intelegencia LLC	-	-	-	-
14Jun18	Intelenet Global Services Private Ltd.	Dutch Contact Centers (DCC) B.V.	1,000.00	449.00	2.2x	12.0x
1Jun18	Millennium Process Group Inc.	Merchants SA (Pty) LTD	-	-	-	-
9May18	Dansk Retail Services ApS	Baker Tilly Denmark Godkendt Revisionspartnerselskab	-	-	-	-
6Apr18	RJ Globus Solutions Inc.	Datamatics Global Services Corp.	-	3.87	-	-
5Apr18	Telerox Marketing Inc.	HCL America, Inc.	60.00	199.00	0.3x	-
4Apr18	Client Network Services, Inc.	A&M Capital Advisors, LLC	-	-	-	-
14Mar18	StarTek, Inc.	CSP Alpha Midco Pte Ltd (nka:StarTek, Inc.)	-	292.60	-	-
12Mar18	Bolder Healthcare Solutions LLC	Cognizant Technology Solutions Corporation	477.00	-	-	-
8Feb18	Integrity Payment Systems, LLC	Payroc LLC	-	-	-	-
7Feb18	Fiserv Solutions, LLC	Warburg Pincus LLC	419.00	-	-	-
31Jan18	dinCloud, Inc.	Premier BPO, Inc.	-	-	-	-

BPO

March 2019

APPENDIX: Public Basket Constituents

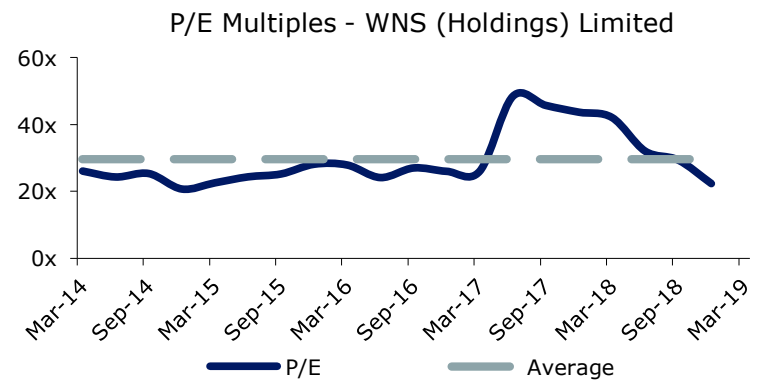
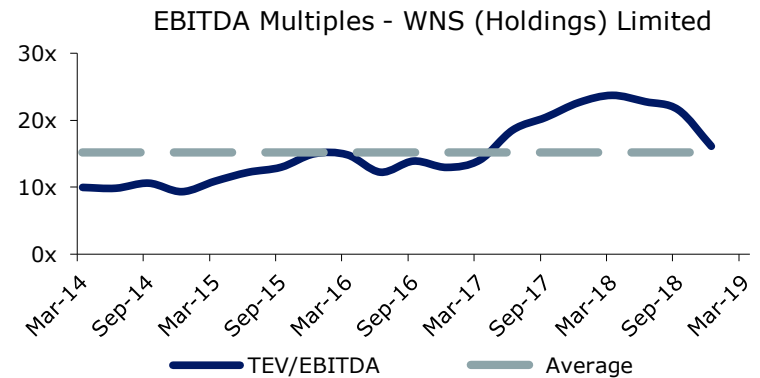
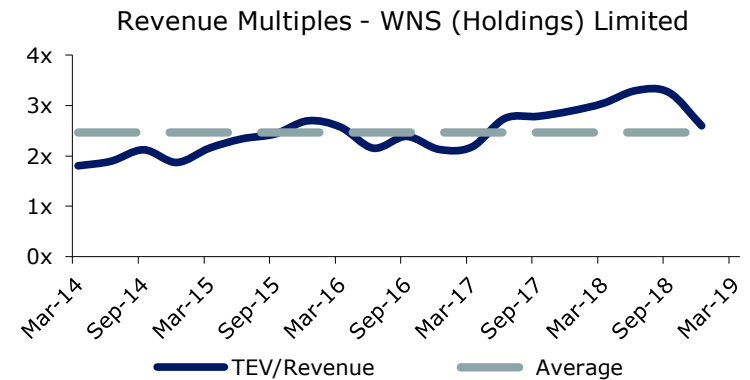
Public Basket



WNS (Holdings) Limited

WNS (Holdings) Limited, a business process management company, together with its subsidiaries, provides data, voice, analytical, and business transformation services worldwide. It operates through two segments, WNS Global BPM and WNS Auto Claims BPM. The company offers industry-specific services to clients primarily in insurance; travel and leisure; diversified businesses, including manufacturing, retail, consumer packaged goods, media and entertainment, and telecommunication; utilities; consulting and professional services; healthcare; banking and financial services; and shipping and logistics industries. It also provides shared services, such as customer interaction, finance and accounting, research and analytics, technology, legal, and human resources outsourcing services. In addition, the company offers transformation services designed to help its clients to modify their business processes to enhance productivity, as well as manage changes in the business environment and leverage business knowledge to increase market competitiveness. Further, it provides claims handling and repair management services for automobile repairs through a network of third party repair centers; and a suite of accident management services, such as credit hire and credit repair. WNS (Holdings) Limited was founded in 1996 and is based in Mumbai, India.

Date	Key Development Headline
6/10/18	WNS Mulls Acquisitions



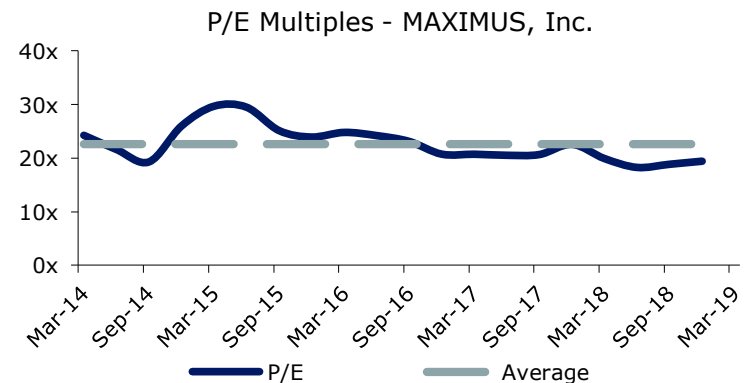
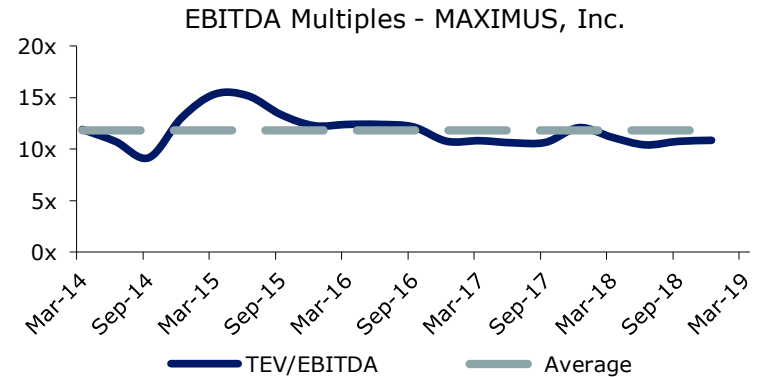
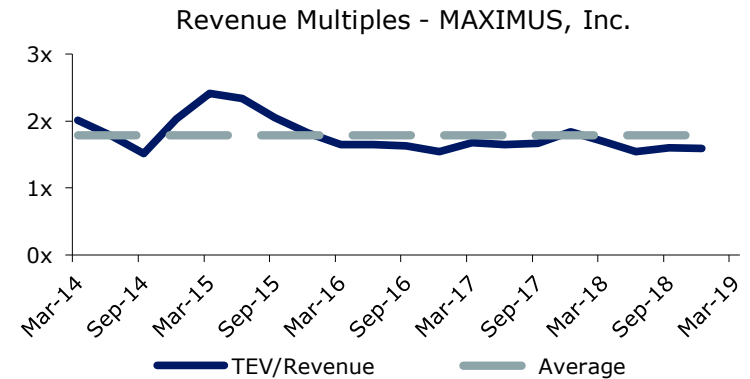
Public Basket



MAXIMUS, Inc.

MAXIMUS, Inc. provides business process services (BPS) to government health and human services programs in the United States, the United Kingdom, Australia, Canada, Singapore, and Saudi Arabia. The company's Health Services segment offers various BPS, appeals, and assessments, as well as related consulting services for state, provincial, and national government programs comprising Medicaid, Children's Health Insurance Program, the Affordable Care Act, Health Insurance British Columbia, the Health Assessment Advisory Service, and Preadmission Screening and Resident Reviews. Its services include health insurance exchange customer contact center operations and support; health insurance program eligibility and enrollment; beneficiary outreach and education; application assistance and independent health plan enrollment counseling; premium payment processing and administration; eHealth solutions; independent disability, long-term sick, and health assessments; occupational health clinical assessments; and specialized program consulting services. MAXIMUS, Inc. was founded in 1975 and is headquartered in Reston, Virginia.

Date	Key Development Headline
8/9/18	MAXIMUS Seeks Acquisitions
5/10/18	MAXIMUS Seeks Acquisitions



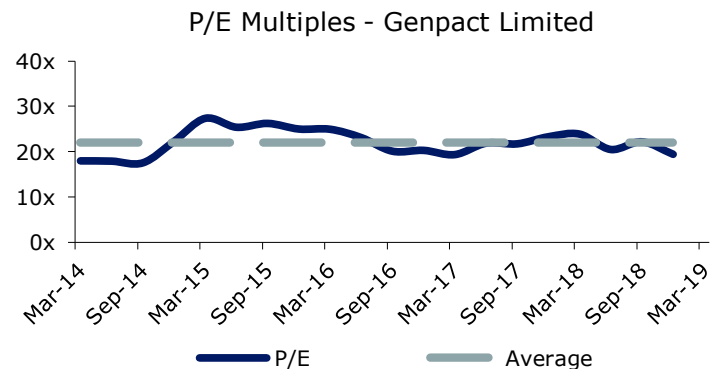
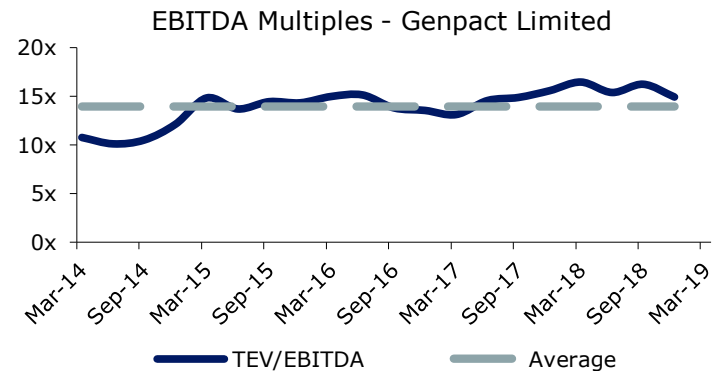
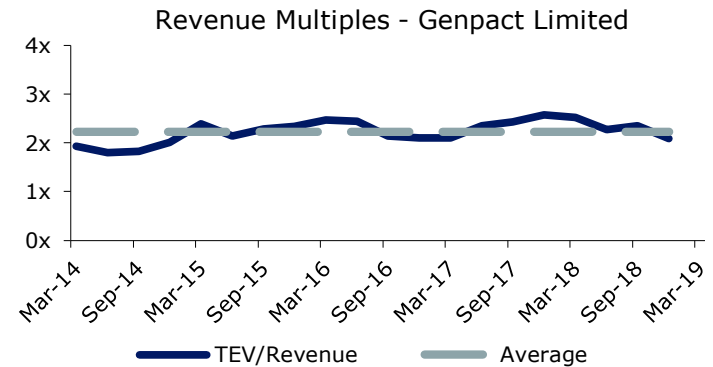
Public Basket



Genpact Limited

Genpact Limited provides business process outsourcing and information technology (IT) services North and Latin America, India, rest of Asia, and Europe. Its finance and accounting services include accounts payable, such as document management, invoice processing, approval and resolution management, and travel and expense processing; over-the-counter services, including customer master data management, credit and contract management, fulfillment, billing, collections, and dispute management services; record to report services comprising accounting, treasury, tax, product cost accounting, and closing and reporting services; enterprise performance management consisting of budgeting, forecasting, and business performance reporting. Genpact Limited was founded in 1997 and is based in Hamilton, Bermuda.

Date	Key Development Headline
1/7/19	Genpact Limited (NYSE:G) acquired riskCanvas Holdings, LLC from Booz Allen Hamilton Holding Corporation (NYSE:BAH).
8/29/18	Genpact Limited (NYSE:G) completed the acquisition of Barkawi Management Consultants GmbH & Co. KG from Barkawi Group for \$0.10 million.



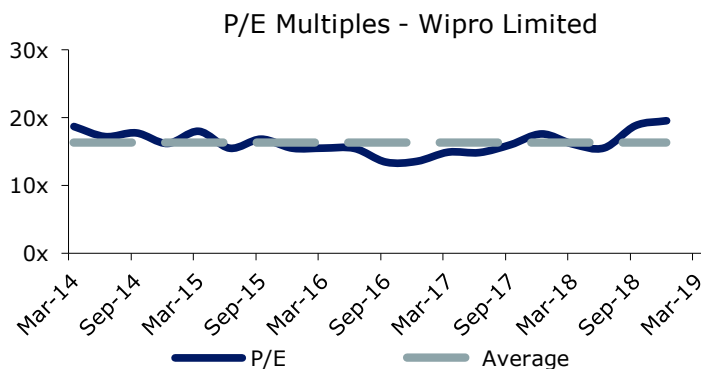
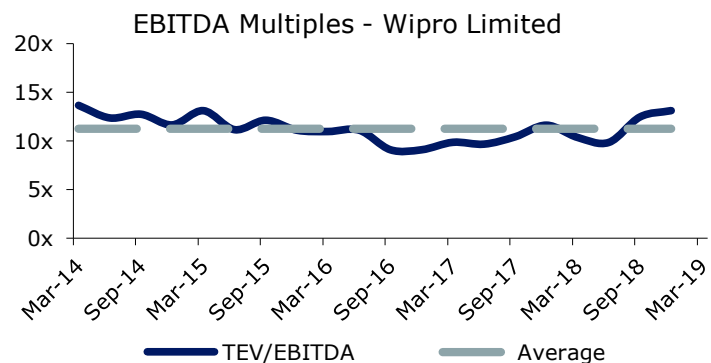
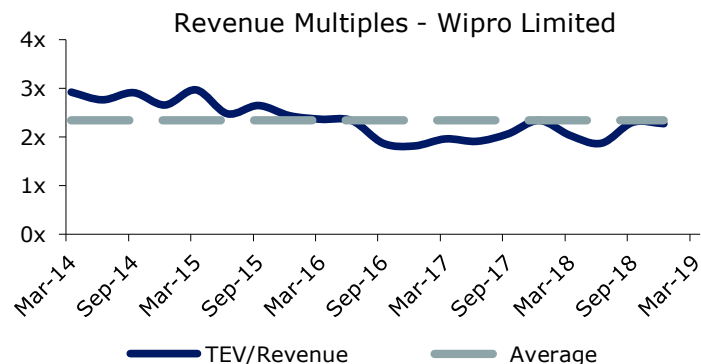
Public Basket



Wipro Limited

Wipro Limited operates as an information technology (IT), consulting, and business process services (BPS) company worldwide. The company's IT Services segment offers a range of IT and IT-enabled services, including digital strategy advisory, customer centric design, technology consulting, IT consulting, custom application design, development, re-engineering and maintenance, systems integration, package implementation, infrastructure services, analytics services, BPS, research and development services, and hardware and software design services to various enterprises. Wipro Limited was founded in 1945 and is headquartered in Bengaluru, India.

Date	Key Development Headline
8/30/18	Wipro Limited (BSE:507685) completed the acquisition of Alight HR Services India Pvt Ltd from Alight Solutions.
7/27/18	Wipro Seeks Acquisitions
7/19/18	Wipro Limited (BSE:507685) signed an agreement to acquire Alight HR Services India Pvt Ltd from Alight Solutions for approximately \$120 million.
6/26/18	Ensono Holdings, LLC completed the acquisition of Wipro Data Centre and Cloud Services, Inc. and Portion of Datacenter Business In Germany and UK from Wipro Limited (BSE:507685).
4/5/18	Antariksh Softech Private Limited acquired 63% stake in Wipro Airport IT Services Limited from Wipro Limited (BSE:507685) for INR 31.5 million.



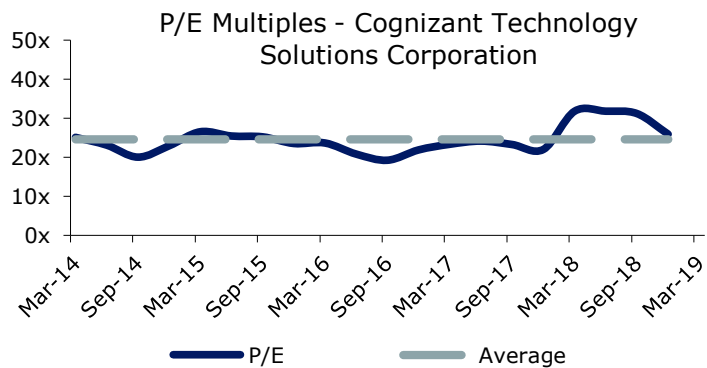
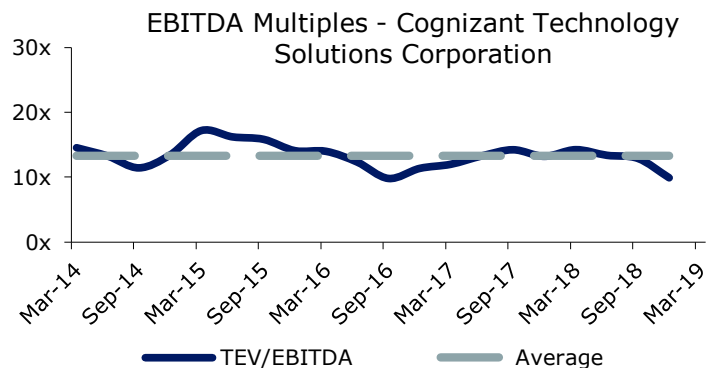
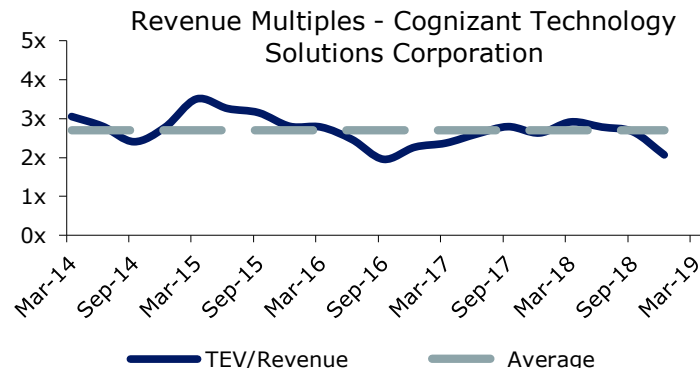
Public Basket



Cognizant Technology Solutions Corporation

Cognizant Technology Solutions Corporation, a professional services company, provides consulting and technology, and outsourcing services worldwide. The company operates through four segments: Financial Services; Healthcare; Products and Resources; and Communications, Media and Technology. It offers business, process, operations, and technology consulting services; application design and development, and systems integration services; application testing, consulting, and engineering services; and enterprise information management services. The company was founded in 1994 and is headquartered in Teaneck, New Jersey.

Date	Key Development Headline
1/22/19	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) agreed to acquire Oy Samlink AB from Posti Group Oyj, Aktia Bank p.l.c. (HLSE:AKTIA), Oma Säästöpankki Oyj (HLSE:OMASP), Savings Bank Group, Svenska Handelsbanken AB (publ), Asset Management Arm, POP Pankkiliitto osk and other minority shareholders.
12/10/18	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) agreed to acquire Mustache LLC.
12/4/18	Cognizant Technology Intends To Seek Acquisitions
10/3/18	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) entered into a definitive agreement to acquire Softvision, LLC from Tower Arch Capital.
9/17/18	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) entered into agreement to acquire Advanced Technology Group, Inc.



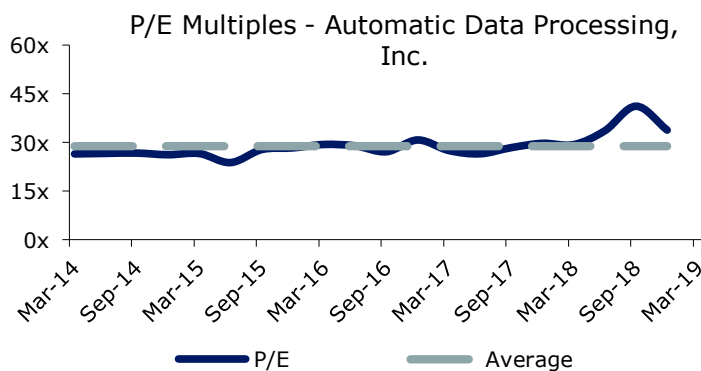
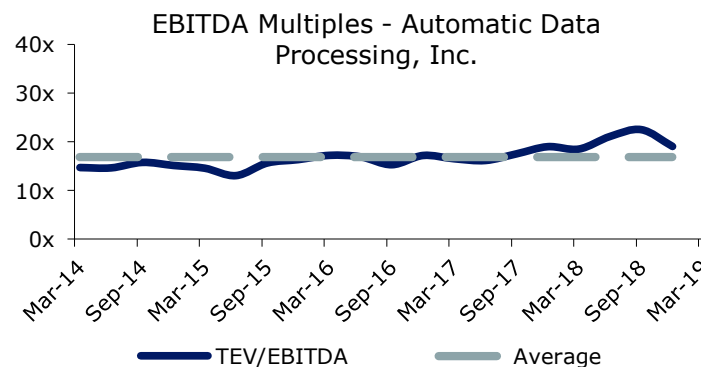
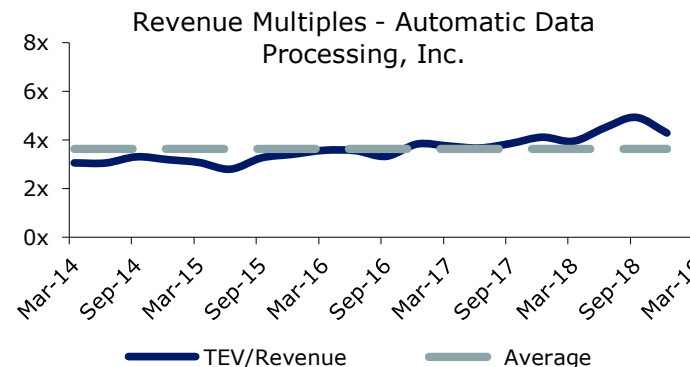
Public Basket



Automatic Data Processing, Inc.

Automatic Data Processing, Inc. provides business process outsourcing services worldwide. The company operates through two segments, Employer Services and Professional Employer Organization (PEO) Services. The Employer Services segment offers various human resources (HR) business process outsourcing and technology-enabled human capital management solutions. Its offerings include payroll services, benefits administration, talent management, HR management, time and attendance management, insurance, retirement, and tax and compliance services. The company was founded in 1949 and is headquartered in Roseland, New Jersey.

Date	Key Development Headline
7/31/18	Automatic Data Processing Inc. (NASDAQ:ADP) acquired Celergo LLC from Frontier Capital, LLC.
5/2/18	Automatic Data Processing Seeks Acquisitions



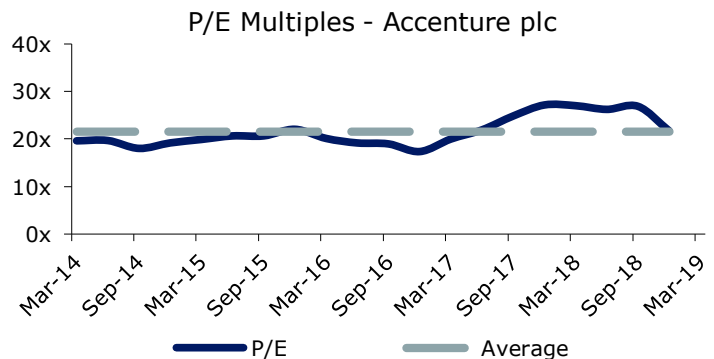
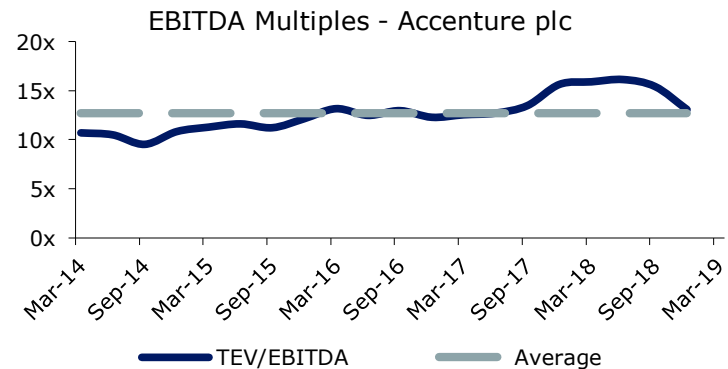
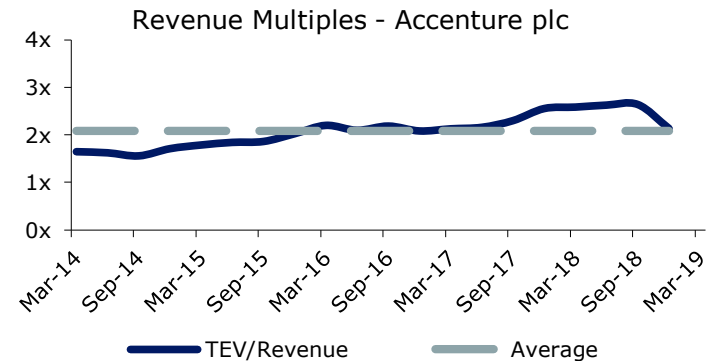
Public Basket



Accenture plc

Accenture plc provides consulting, technology, and outsourcing services worldwide. Its Communications, Media & Technology segment provides professional services that help clients accelerate and deliver digital transformation, and enhance business results through industry-specific solutions for communications, media, and high tech industries, as well as for software platforms. The company's Financial Services segment offers services that address profitability pressures, industry consolidation, regulatory changes, and the need to continually adapt to new digital technologies. This segment serves clients in banking, capital markets, and insurance industries. Accenture plc was founded in 1989 and is based in Dublin, Ireland.

Date	Key Development Headline
2/4/19	Accenture Plc, Microsoft Corporation and Avanade Announce the Launch of the Accenture Microsoft Business Group
1/16/19	Accenture plc (NYSE:ACN) completed the acquisition of Knowledge Group Inc.
1/8/19	Accenture plc (NYSE:ACN) agreed to acquire Orbium Holding Ag.
12/19/18	Accenture plc (NYSE:ACN) entered into an agreement to acquire Knowledge Group Inc.
12/19/18	Accenture plc (NYSE:ACN) acquired Adaptly Inc.



CONTACT INFO

7MA provides Investment Banking & Advisory Services to the Business Services and Technology Industries globally. We advise on M&A and private capital transactions and provide market assessments and benchmarking. As a close-knit team with a long history together and a laser focus on our target markets, we help our clients sell their companies, raise capital, grow through acquisitions, and evaluate new markets. Securities offered through 7M Securities LLC.

Leroy Davis, Partner	704.899.5962	leroy@7mileadvisors.com
Tripp Davis, Partner	704.899.5762	tripp@7mileadvisors.com
Andy Johnston, Partner	704.899.5961	andy@7mileadvisors.com
Ben Lunka, Managing Director	704.496.2995	ben@7mileadvisors.com
Jeff Stoecklein, Managing Director	312.796.9330	jeff@7mileadvisors.com
Mark Landry, Managing Director	561.972.0609	mark@7mileadvisors.com
Kristina Sergueeva, Director	704.899.5149	kristina@7mileadvisors.com
Neil Churman, Director	281.742.9340	neil@7mileadvisors.com
John Cooper, Director	704.973.3996	john@7mileadvisors.com
Tim Frye, Director	704.973.3994	tim@7mileadvisors.com
Nicholas Prendergast, Financial Analyst	704.973.3995	nicholas@7mileadvisors.com
Ariail Siggins, Marketing Director	704.981.2908	ariail@7mileadvisors.com
Sydney Larese, Associate	704.973.3998	sydney@7mileadvisors.com
Marty Johnson, Associate	704.973.3999	marty@7mileadvisors.com
Rory Julyan, Associate	704.981.2520	rorry@7mileadvisors.com
Garth Martin, Associate	704.973.3997	garth.martin@7mileadvisors.com
Dennis Fox, Associate	704.706.9168	dennis@7mileadvisors.com
Steve Buffington, Associate	704.960.1828	steve@7mileadvisors.com
Emily Halstenberg	704.409.9912	emily@7mileadvisors.com