



# Sectorwatch: IT Consulting

September 2019

# IT Consulting

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# Overview

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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.



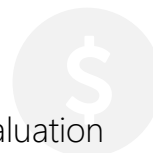
## Public Basket Performance

- 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

↓ -1.6%

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

Current revenue growth rate is less than the average of the last 3 years, indicating that the market may be flattening or declining

## Pricing / Gross Margin

↓ -0.2%

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

Current gross profit margin is less than the average of the last 3 years gross profit margins, indicating customer pricing power

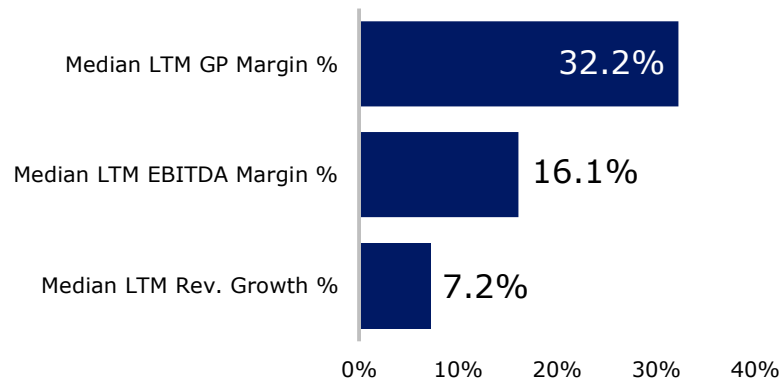
## Profitability Momentum

↑ 0.6%

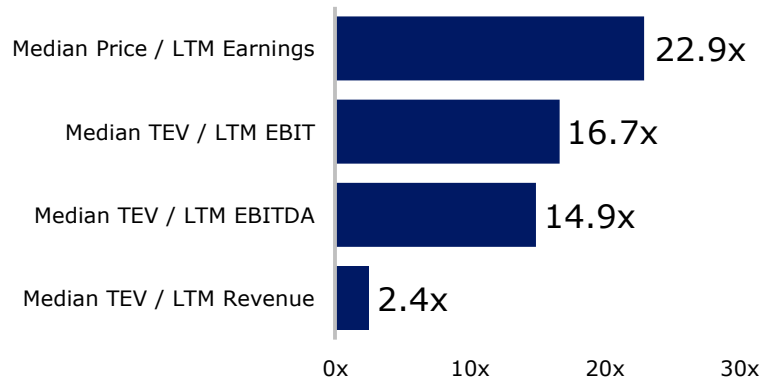
1 - year EBITDA % compared to EBITDA % average for last 3 years

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



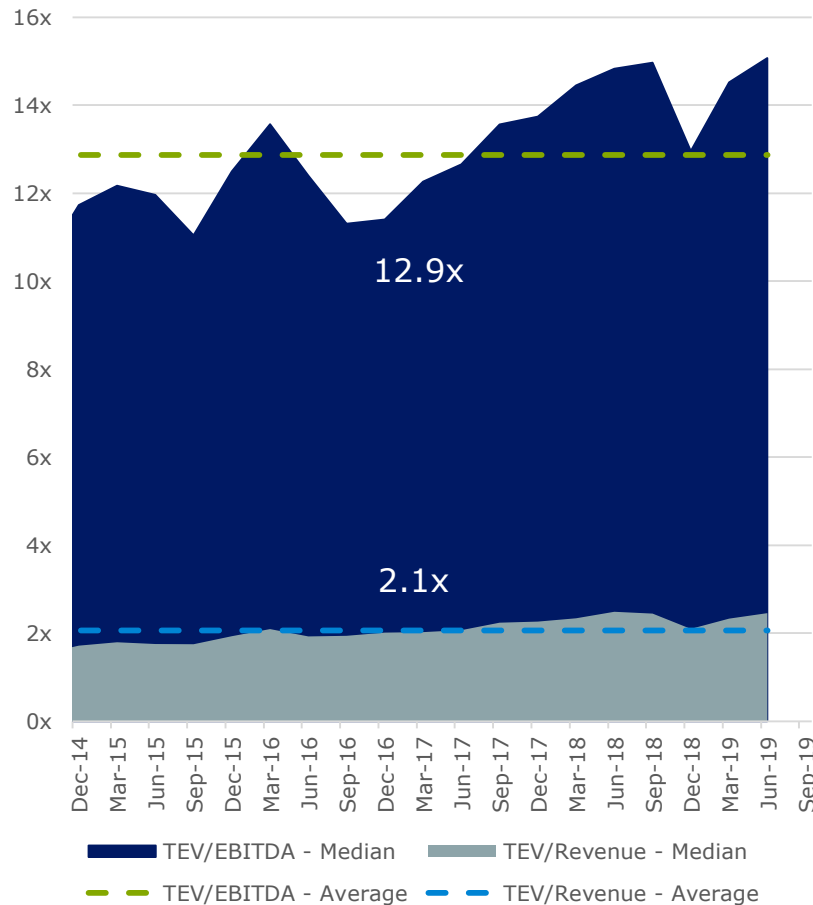
# Public Basket



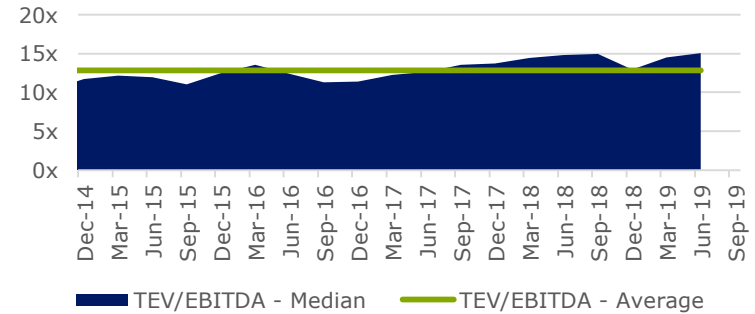
Company	TEV \$m	LTM Rev \$m	Rev Growth YoY	GP %	EBITDA %	TEV / Rev X	TEV / EBITDA X	# FTEs	Rev / FTE \$k
Perficient, Inc.	1,365	531	6%	37%	13%	2.6	20.3	3,060	174
Reply S.p.A.	2,082	1,283	17%	15%	13%	1.7	13.2	7,606	169
EPAM Systems, Inc.	9,588	2,046	24%	35%	16%	4.7	29.8	30,156	68
Capgemini SE	22,147	15,632	8%	27%	13%	1.5	11.4	211,313	74
CGI Inc.	22,584	9,136	6%	30%	17%	2.5	14.7	74,000	123
NTT DATA Corporation	22,805	20,278	5%	25%	14%	1.1	7.7	123,884	164
Cognizant Technology Solutions Corporation	32,244	16,458	6%	38%	19%	2.0	10.1	281,600	58
Infosys Limited	43,385	12,099	9%	33%	24%	3.7	15.1	-	NA
Tata Consultancy Services Limited	101,857	21,817	18%	45%	27%	4.8	17.9	424,285	51
Accenture plc	118,523	41,244	4%	32%	16%	2.9	17.5	459,000	90
<b>Average</b>	37,658	14,052	10%	32%	17%	2.7	15.8	161,490	108
<b>Median</b>	22,694	13,865	7%	32%	16%	2.5	14.9	98,942	90

share price as of 23Sep19

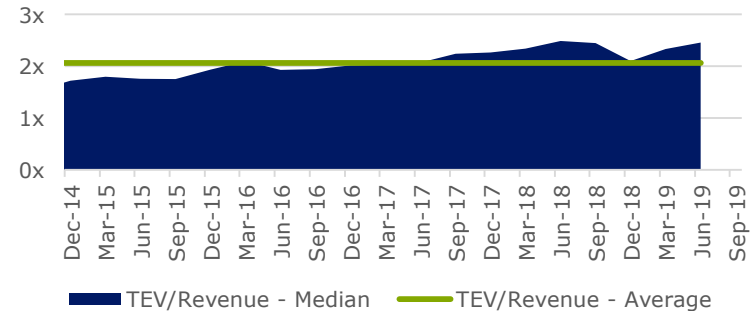
# Public Basket Valuation Trends



## Public EBITDA Multiples over Time



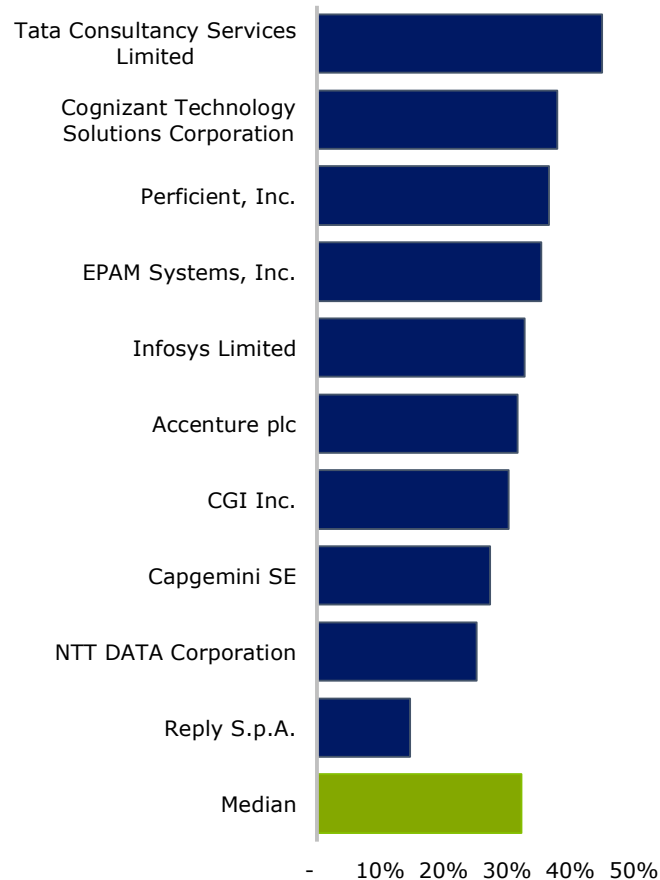
## Public Revenue Multiples over Time



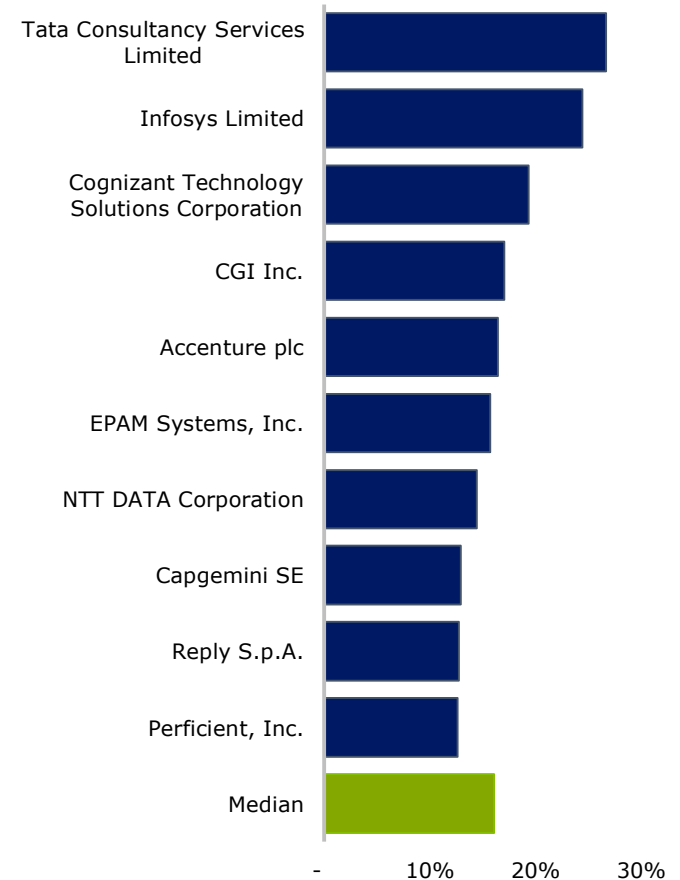
# Operational Metrics



## LTM Gross Profit Margin %



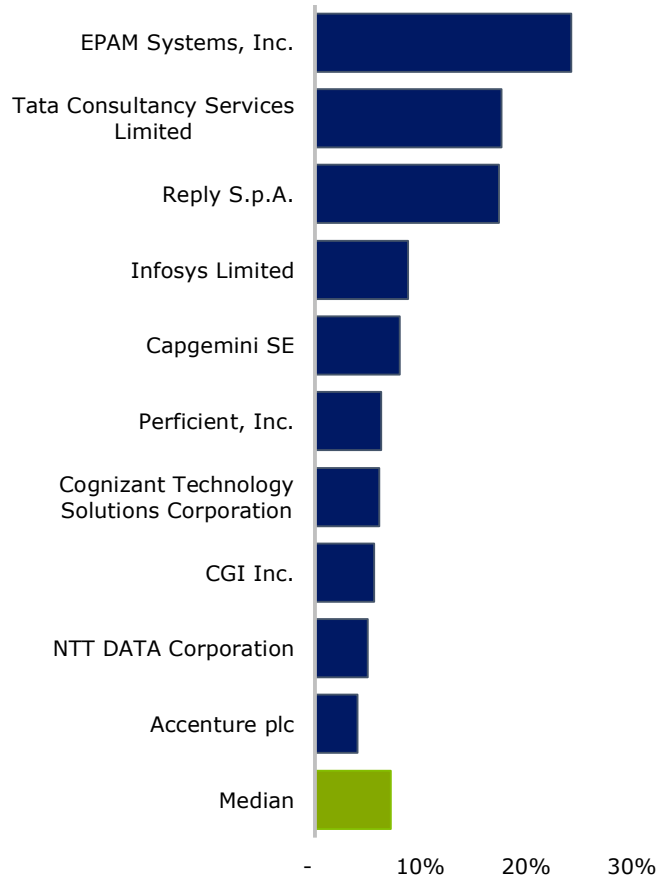
## LTM EBITDA %



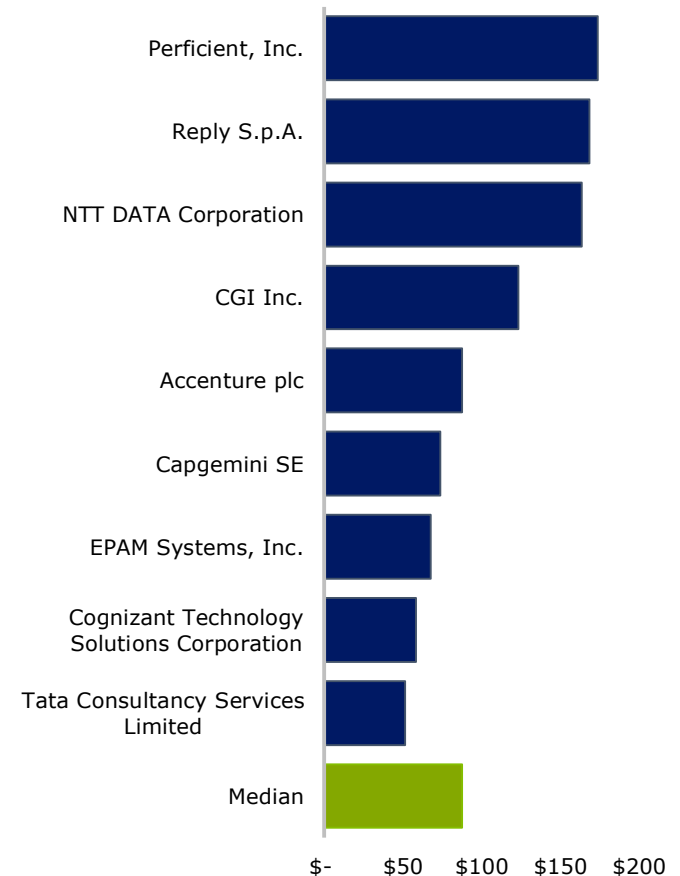
# Operational Metrics



LTM Revenue Growth %



LTM Revenue per Full Time Employee x 000's

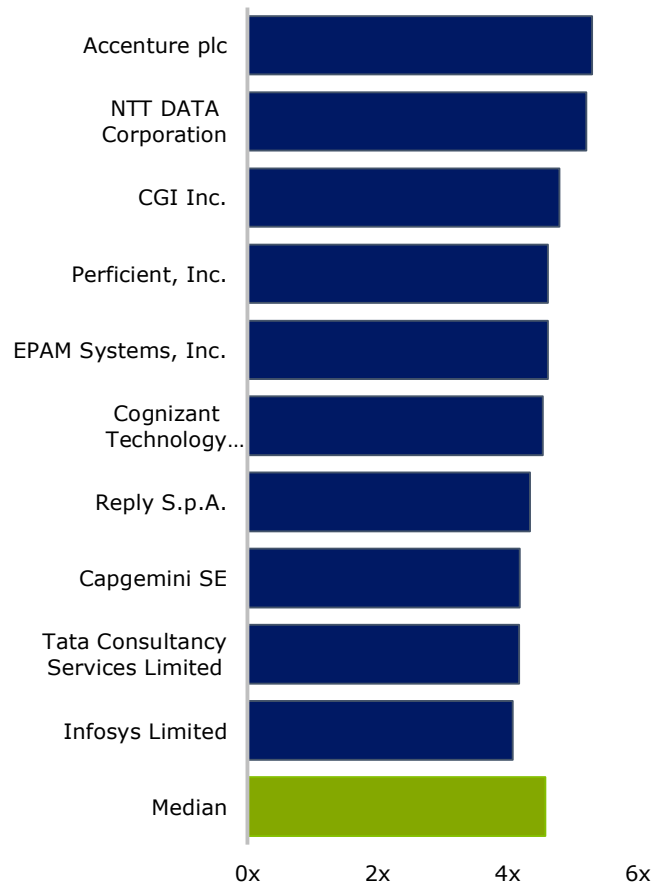




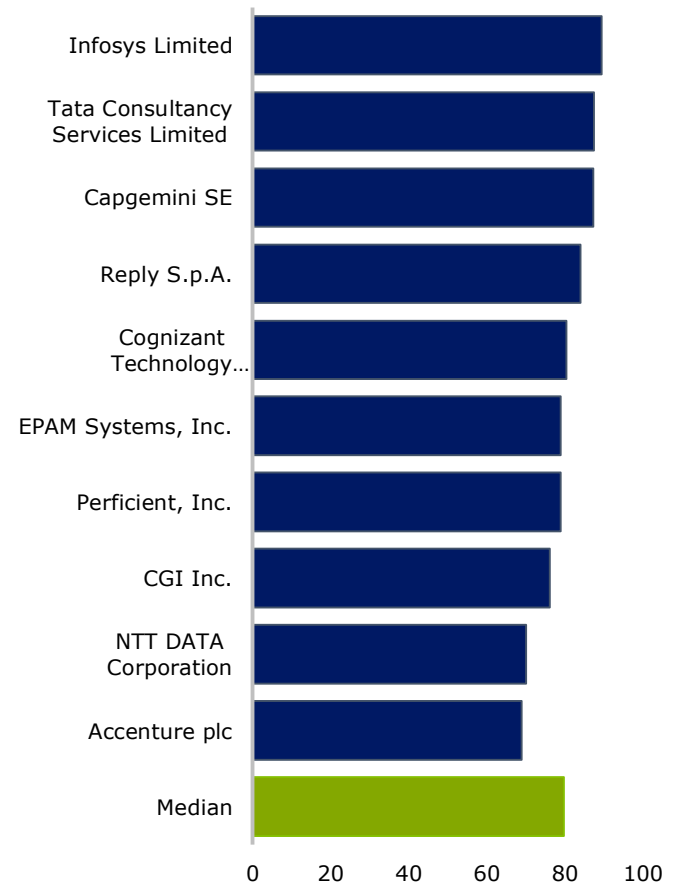
# Operational Metrics



## Accounts Receivable Turnover



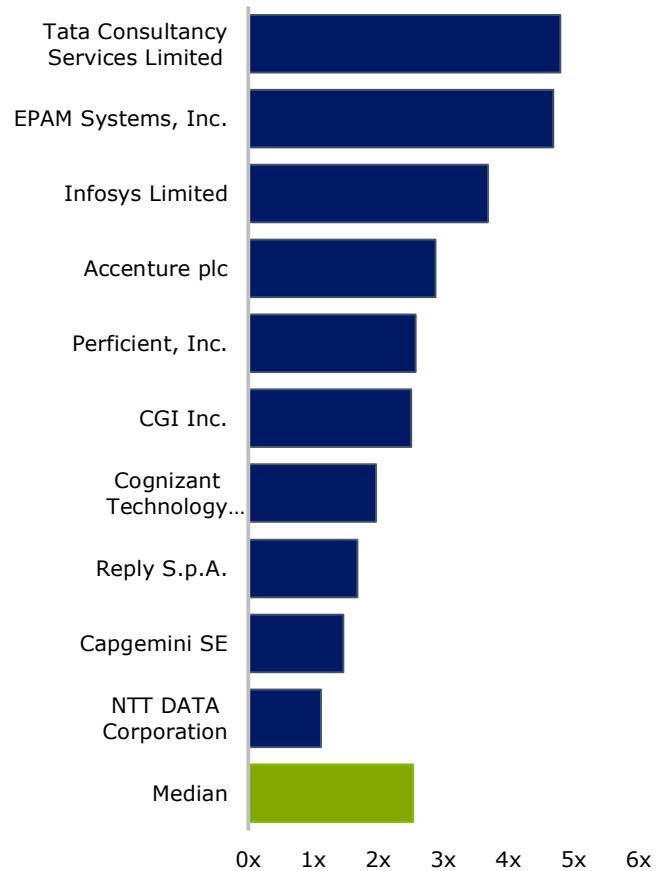
## Average Days Sales Outstanding



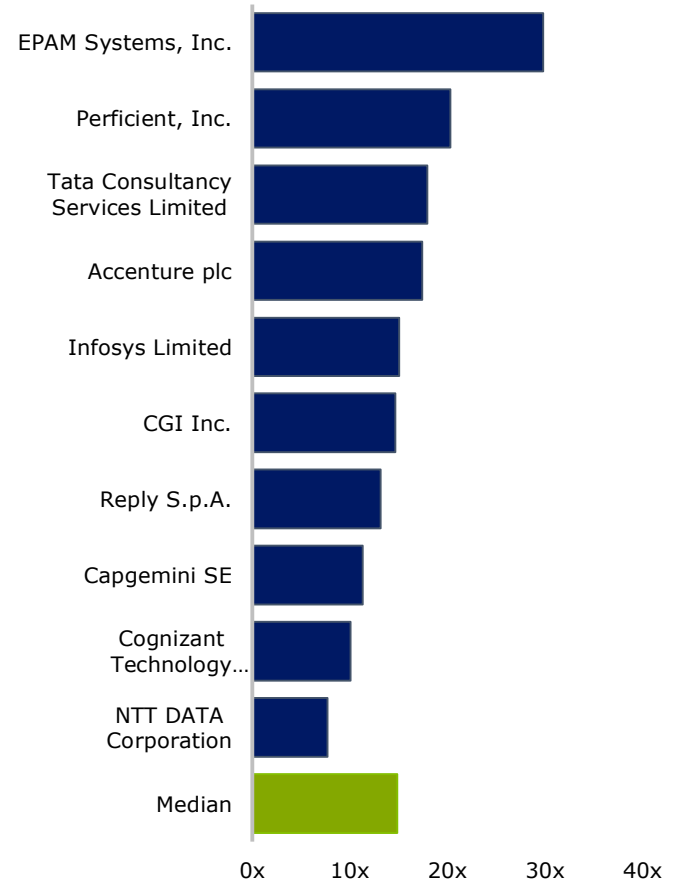
# Valuation



## TEV / LTM Revenue



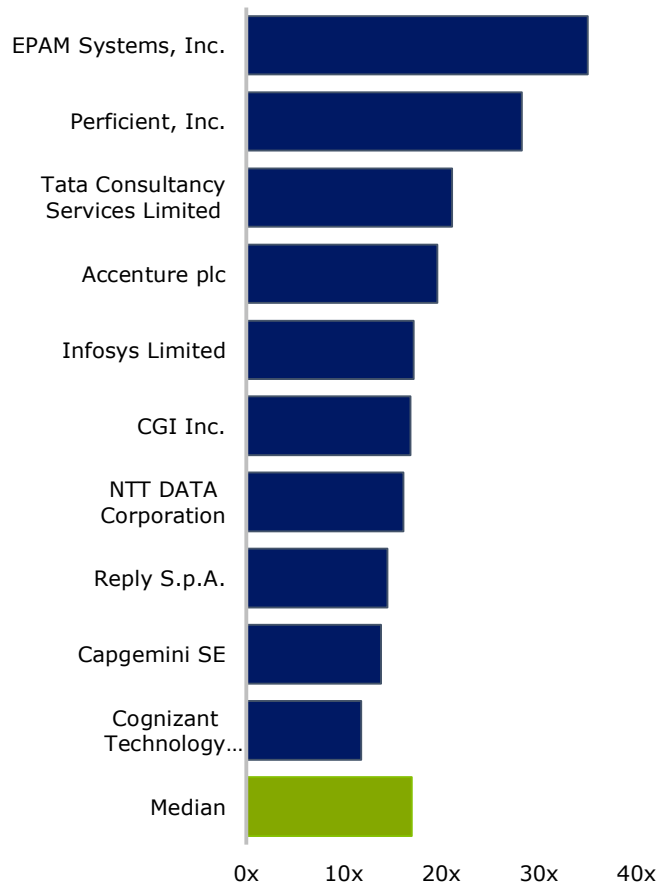
## TEV / LTM EBITDA



# Valuation



## TEV / LTM EBIT



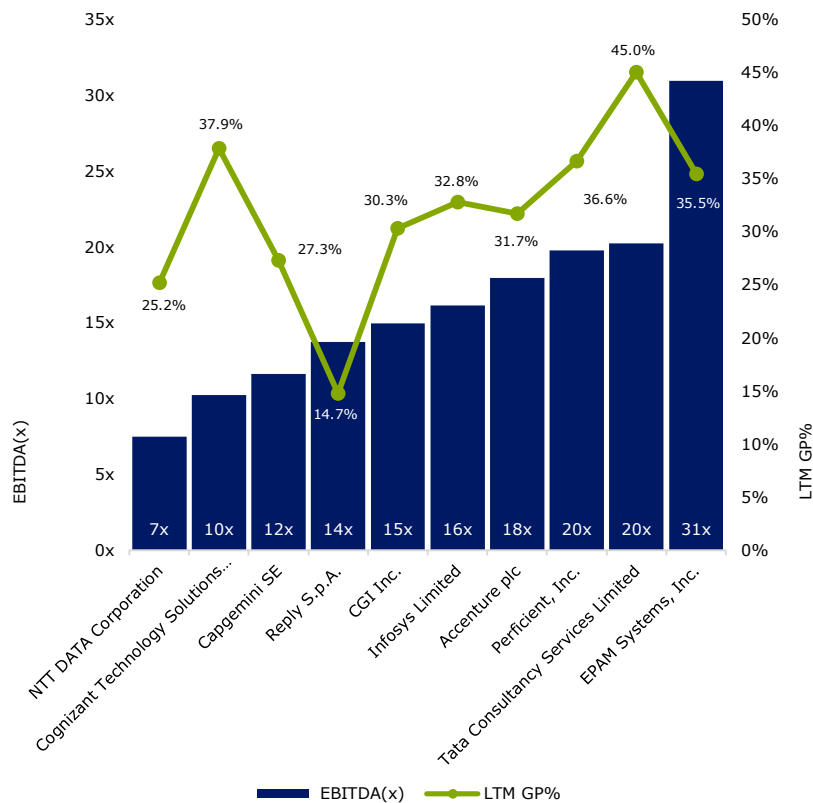
## Price / LTM Earnings



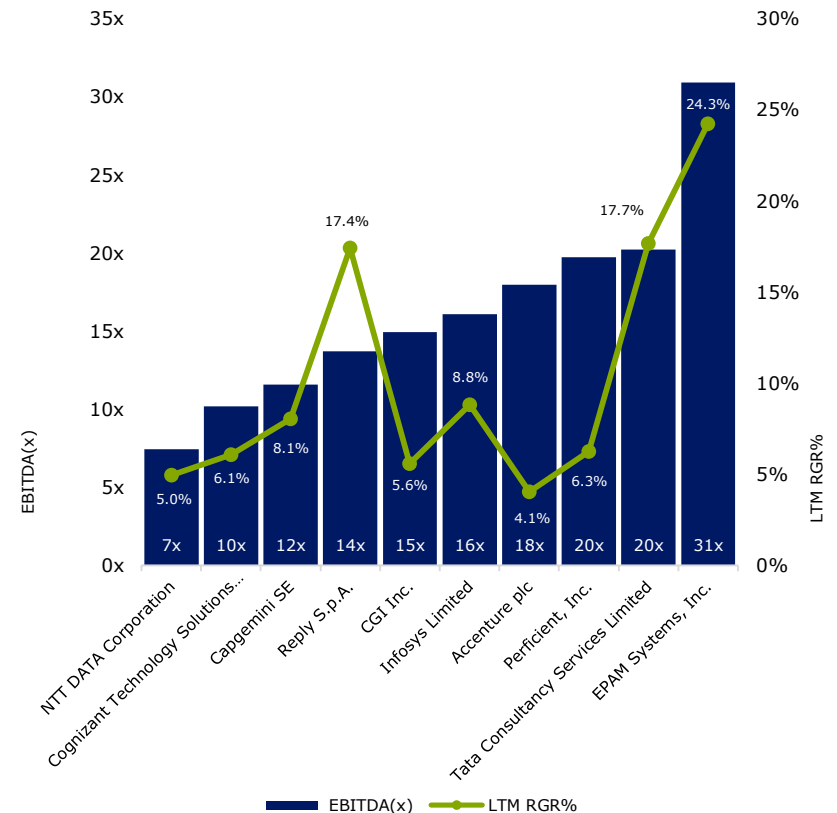
# Valuation



## Historical Valuation Multiples versus Gross Profit



## Historical Valuation Multiples versus Revenue Growth Rate



# Recent Transactions



Date	Target	Buyer / Investor	Total Transaction Value	Target Revenue	TEV / Revenue	TEV / EBITDA
24Sep19	Locus Telecommunication Inc., Ltd.	NTT DATA Asia Pacific Pte. Ltd.	-	-	-	-
10Sep19	Pragsis Technologies S.L.	Accenture plc	-	-	-	-
26Aug19	Beijing Transtrue Technology Inc.	Suzhou Longyue Holdings Co., Ltd.	62.54	117.23	1.3x	26.5x
28Aug19	BASS Systems S.R.L.	S&T AG	6.36	-	-	-
9Aug19	Belatrix Global Corporation S.A.	Globant S.A.	65.00	35.00	-	-
1Jul19	Phoenix Austec Group Pty Ltd	Spirit Telecom Limited	1.13	-	-	4.3x
26Jun19	BCT Solutions Pty Ltd	Accenture plc	-	-	-	-
26Jun19	Oxygen Systems	Oracle Corporation	-	-	-	-
13Jun19	Sovereign CRM, LLC	Ness Technologies Inc.	-	-	-	-
12Jun19	Cirrus SAS	Accenture plc	-	-	-	-
31Jan19	OOO Korklass	IKS Corporation	9.87	-	-	-
27May19	FBC Technologies Ltd	One Software Technologies Ltd	5.83	-	-	-
21May19	Alpha Solutions AG	Bechtle AG	-	1.16	-	-
10May19	Syloé	Digital Rural Informatique SARL	-	0.90	-	-
24Apr19	Adaptive Technologies Group, LLC	Cyemptive Technologies, Inc.	-	-	-	-
10Apr19	Virteva LLC	Crossfuzze LLC	-	-	-	-
3Apr19	United Technology Group, LLC	Coretelligent, LLC	-	-	-	-
26Mar19	Rural Sourcing, Inc.	Bain Capital Private Equity, LP; Bain Capital Double Impact Fund, L.P.	-	-	-	-
15Mar19	Omni Resources, Inc.	Saggezza Inc.	-	-	-	-
8Feb19	iAppsconsulting DWC LLC	Aspire Systems, Inc.	-	-	-	-
31Jan19	JIEC Co.,Ltd.	SCSK Corporation	52.83	137.23	0.7x	-
18Jan19	Software Information Systems, LLC	Converge Technology Solutions Corp.	15.35	89.00	0.2x	5.7x
7Jan19	InterGlobe Technologies Private Limited (nka:IGT Solutions Pvt. Ltd.)	Apollo Global Management, LLC (nka:Apollo Global Management, Inc.); ICICI Venture Funds Management Company Limited; AION Capital Partners Ltd; Goldman Sachs Asia Strategic Pte. Ltd.	22.92	-	-	-
6Dec18	The Athene Group	Insight Venture Partners LLC; Salesforce Ventures; Berenson Holdings LLC; Sagewind Capital LLC	-	-	-	-
5Nov18	Intrigo Systems, Inc.	Accenture plc	-	-	-	-
1Nov18	BusinessNow/TESM Limited	Fruition Partners UK	-	-	-	-

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## APPENDIX: Public Basket Constituents

# Public Basket

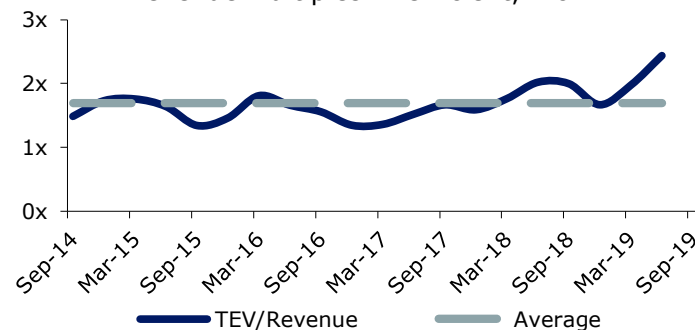


## Perficient, Inc.

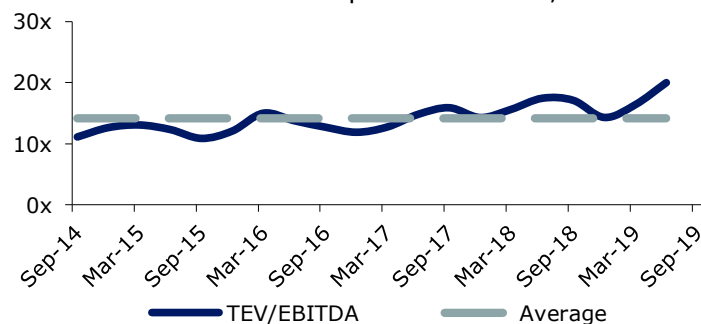
Perficient, Inc. provides information technology and management consulting services in the United States. The company designs, builds, and delivers solutions using middleware software products developed by third-party vendors. Its solutions include portals and collaboration, such as searchable data systems, collaborative systems for process improvement, transaction processing, unified and extended reporting, and other services; and platform implementations services, including application server selection, architecture planning, installation and configuration, clustering for availability, performance assessment and issue remediation, security, and technology migrations. Perficient, Inc. was founded in 1997 and is headquartered in St. Louis, Missouri.

Date	Key Development Headline
5/21/19	Perficient, Inc. (NasdaqGS:PRFT) completed the acquisition of the assets of Sundog Interactive, Inc.
5/12/19	Perficient, Inc. (NasdaqGS:PRFT) entered into a purchase agreement to acquire the assets of Sundog Interactive, Inc for \$14 million.
10/28/18	Perficient Inc. (NASDAQ:PRFT) acquired Elixiter Inc. for \$11.7 million.
7/15/18	Perficient, Inc. (NasdaqGS:PRFT) acquired substantially all of the assets of Substantially All of the Assets of Stone Temple Consulting Corporation for \$13.8 million.

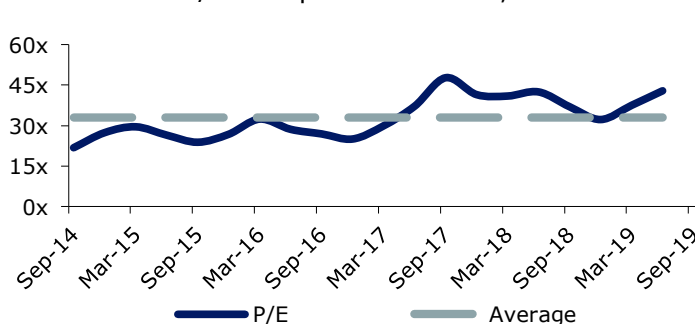
Revenue Multiples - Perficient, Inc.



EBITDA Multiples - Perficient, Inc.



P/E Multiples - Perficient, Inc.



# Public Basket

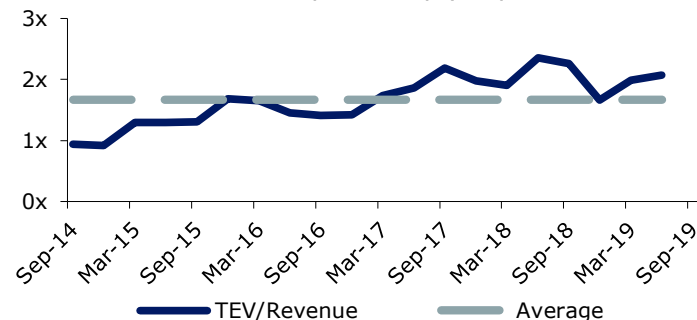


## Reply S.p.A.

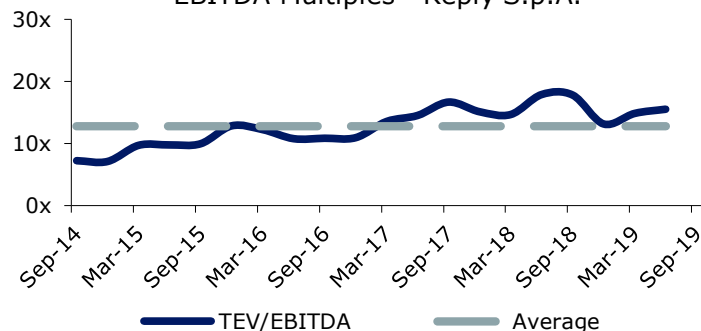
Reply S.p.A. provides consulting, system integration, application management, and business process outsourcing services in Italy and internationally. The company implements solutions based on communication channels and digital media. It provides Brick Reply, a manufacturing operations management platform for the management and control of a smart factory; Click Reply, a supply chain execution platform; Definio Reply, a technological platform for collection, analysis, control, processing, and distribution of financial data; Discovery Reply, a platform for the digital media management projects; and Gaia Reply platform for use in the field of mobility and multimedia. The company also offers Hi engage, a commercial contextual marketing solution; Pay Reply platform that provides mobile payment solutions, as well as helps banks, financial institutions and telecommunications companies, utilities, and retailers to create and deliver remote and proximity payment services; SideUp Reply, a software application for warehouse management; Starbytes, an online employment service for freelancers and ICT specialists; The company was founded in 1996 and is headquartered in Turin, Italy.

Date	Key Development Headline
2/28/19	Deutsche Telekom Partners with Reply to Develop Open-Source Backhaul System
4/9/18	Reply S.p.A. (BIT:REY) acquired a majority stake in Valorem Consulting Group, LLC.

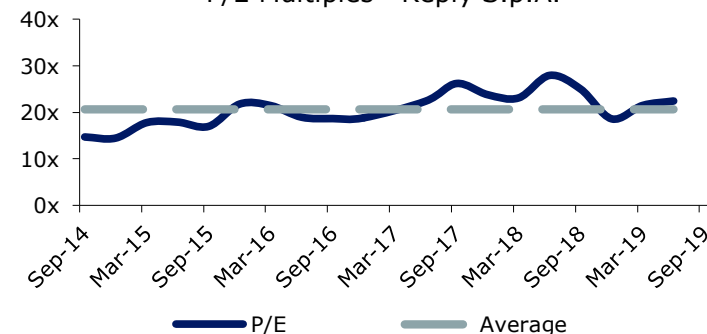
Revenue Multiples - Reply S.p.A.



EBITDA Multiples - Reply S.p.A.



P/E Multiples - Reply S.p.A.





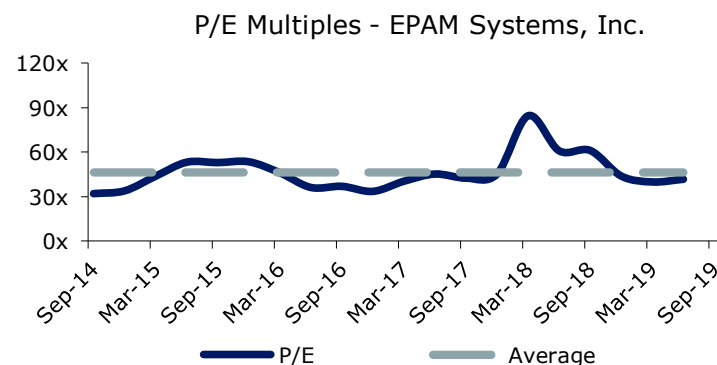
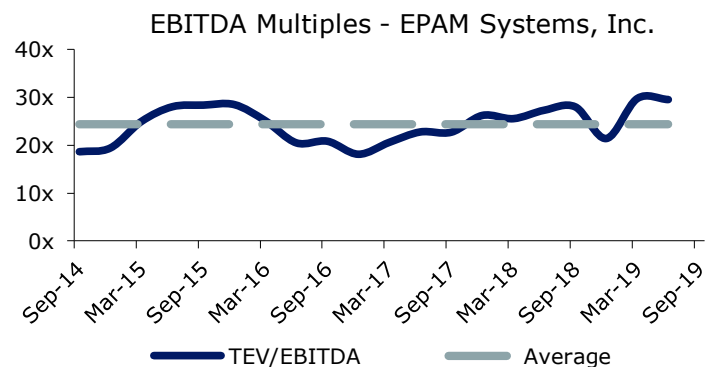
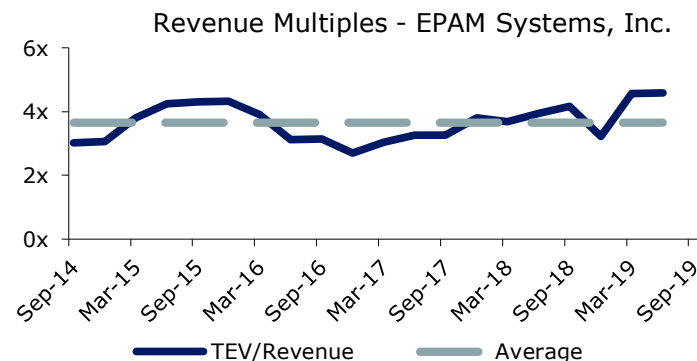
# Public Basket



## EPAM Systems, Inc.

EPAM Systems, Inc. provides software product development and digital platform engineering services primarily in North America, Europe, Asia, and Australia. It offers software product development services, including product research, customer experience design, prototyping, program management, component design and integration, lifecycle software testing, product deployment, end-user customization, performance tuning, product support and maintenance, managed services, and porting and cross-platform migration. The company provides custom application development services, such as business and technical requirement analysis, user experience design, solution architecture creation and validation, development, component design and integration, quality assurance and testing, deployment, performance tuning, support and maintenance, legacy applications re-engineering/refactoring, porting and cross-platform migration, and documentation. The company was founded in 1993 and is headquartered in Newtown, Pennsylvania.

Date	Key Development Headline
7/1/19	EPAM Systems, Inc. acquired Competentum Group.
5/9/19	EPAM To Seek Investments
5/8/19	EPAM Systems, Inc. (NYSE:EPAM) acquired testCloud.de GmbH for approximately \$17.3 million.
10/31/18	EPAM Systems, Inc. (NYSE:EPAM) acquired Think Limited for \$35.2 million .



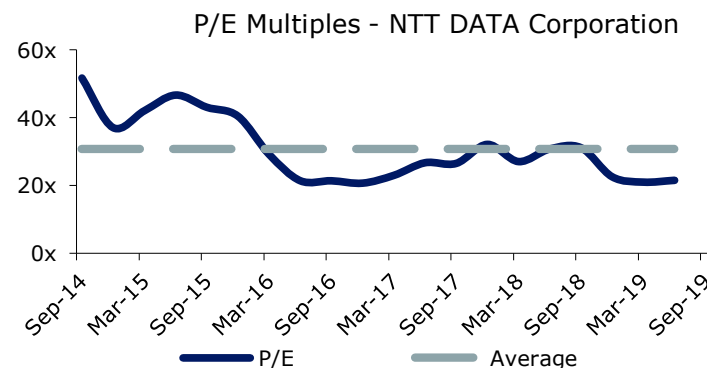
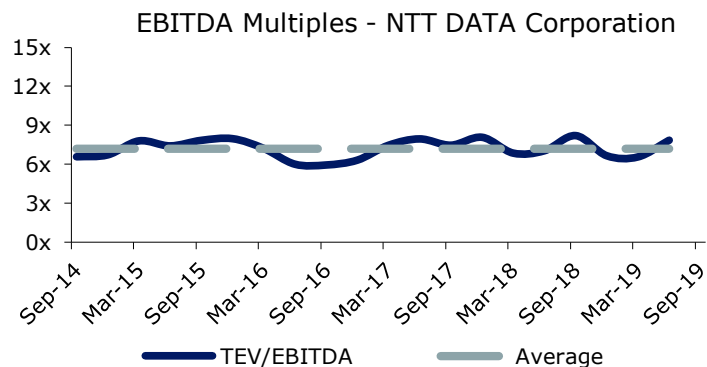
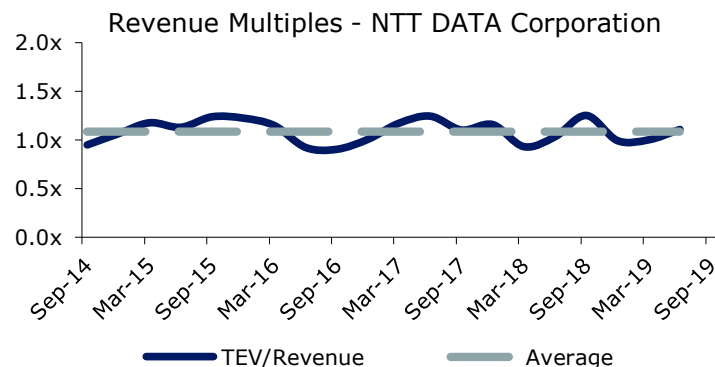
# Public Basket



## NTT DATA Corporation

NTT DATA Corporation provides consulting, system development, and business information technology (IT) outsourcing services worldwide. The company operates through four segments: Public & Social Infrastructure, Financial, Enterprise & Solutions, and Global. It offers business consulting services, such as business strategy, business process optimization, and organizational change management; and IT consulting services, including IT strategy and governance, information and knowledge management, and program management office consulting services. NTT DATA Corporation is a subsidiary of Nippon Telegraph and Telephone Corporation.

Date	Key Development Headline
6/3/19	MagicCube to Form Partnership with NTT DATA Corporation to Secure Next Generation Payments, Acceptance, and Accelerate PCI Certification for Their Joint Customers
4/24/19	TRI-AD, Maxar Technologies and NTT DATA Corporation to Build High-Definition Maps for Autonomous Vehicles from Space
4/2/19	CP ALL Public Company Limited (SET:CPALL) completed the acquisition of 27.36% stake in Thai Smart Card Co., Ltd. from True Corporation Public Company Limited (SET:TRUE), Krungthai Card Public Company Limited (SET:KTC), Government Savings Bank, NTT DATA Corporation (TSE:9613), SVOA Public Company Limited (SET:SVOA) and Loxley Public Company Limited.
3/28/19	NTT DATA Corporation (TSE:9613) completed the acquisition of 50% stake in Paygent Co., Ltd. from DeNA Co., Ltd. (TSE:2432).



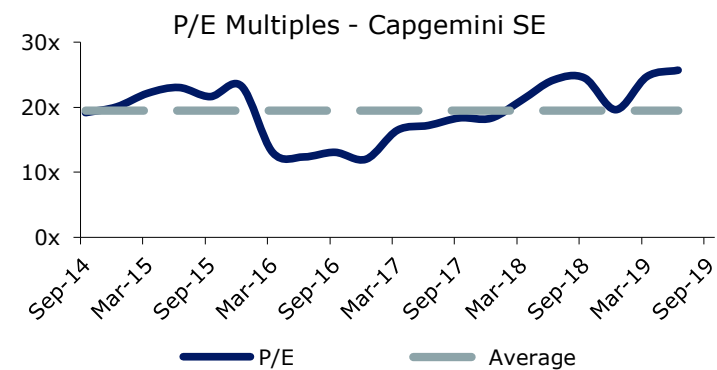
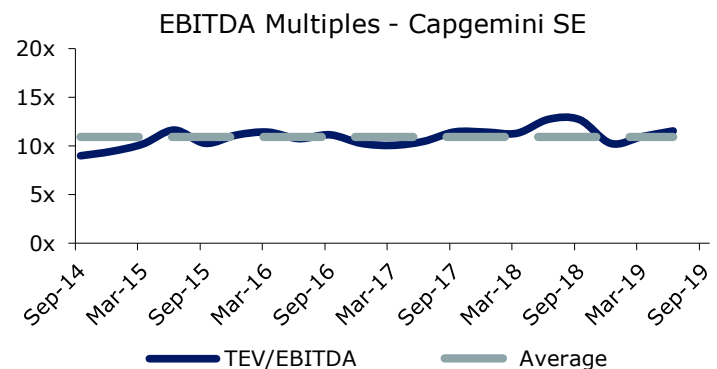
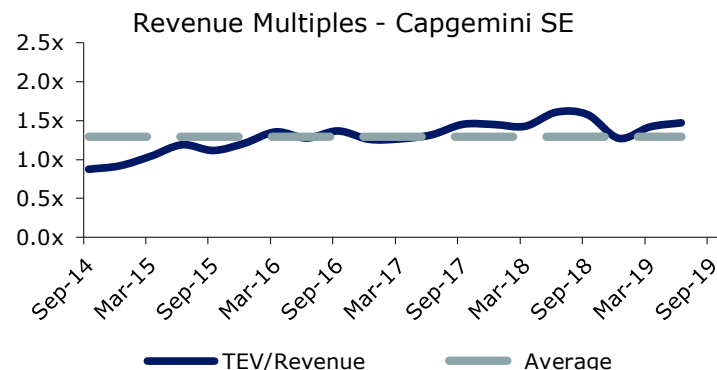
# Public Basket



## Capgemini SE

Capgemini SE provides consulting, technology, outsourcing, and other managed services. The company's Consulting Services segment offers services to enhance the performance of organizations based on the knowledge of client industries and processes. Its Technology & Engineering Services segment provides assistance and support to internal IT teams of client companies. The company's Application Services segment designs, develops, implements, and maintains IT applications, including system integration and application maintenance services. Its Other Managed Services segment integrates, manages, and/or develops client's IT infrastructure systems, as well as provides transaction, on-demand, and/or business process outsourcing services. Capgemini SE was founded in 1967 and is based in Paris, France.

Date	Key Development Headline
6/24/19	Altran Technologies S.A., Capgemini SE - M&A Call
2/20/19	Capgemini SE (ENXTPA:CAP) completed the acquisition of Leidos Cyber, Inc. from Leidos Intermediate Holdings, Inc. and others.
2/14/19	Capgemini To Seek Acquisitions



# Public Basket

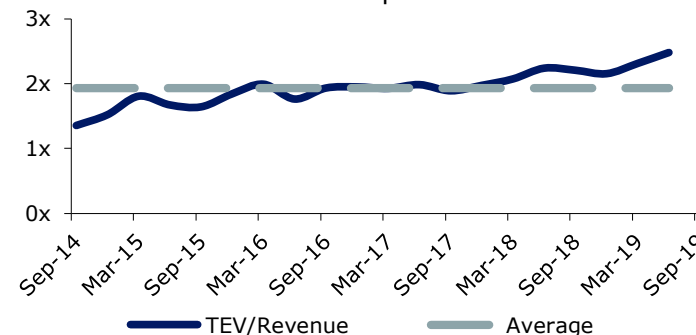


## CGI Group Inc.

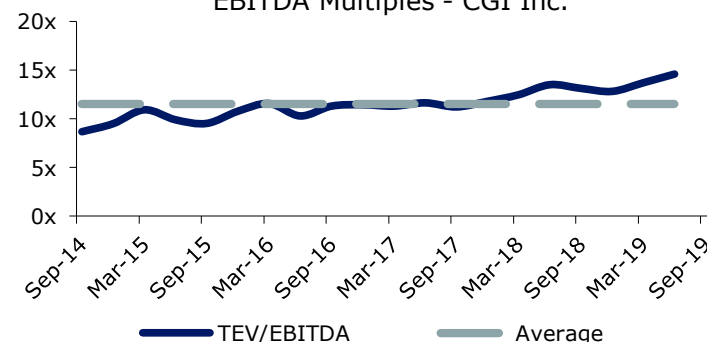
CGI Group Inc. provides information technology and business process services in Canada and internationally. It offers application development and maintenance, portfolio management, quality assurance and testing, modernization, and migration services; agile, business transformation, change management, CIO advisory, cybersecurity, data analytics, digital enterprise, project management, and industry-specific business consulting services; business-to-business and customer operations support, purchase management, revenue management, and supplier payment services; and data center facilities and management, technical service desk, printing and document management, remote infrastructure, transformation, storage as a service, data vaulting, disaster recovery and archiving as a service, bottomless edge-to-core storage, and file sync and share as a service, as well as infrastructure solutions and consulting services. The company was founded in 1976 and is headquartered in Montreal, Canada.

Date	Key Development Headline
4/15/19	CGI Inc. (TSX:GIB.A) completed the acquisition of 77.37% stake in Acando AB (publ.) (OM:ACAN B).
4/15/19	CGI Inc. (TSX:GIB.A) completed the acquisition of 21.9% stake in Acando AB (publ.) (OM:ACAN B) from Svolder AB (publ) (OM:SVOL B), Svedulf Fastighets AB and Bjursund Invest AB.
3/10/19	CGI Inc. (TSX:GIB.A) made an offer to acquire 77.37% stake in Acando AB (publ.) (OM:ACAN B) for SEK 3.3 billion.

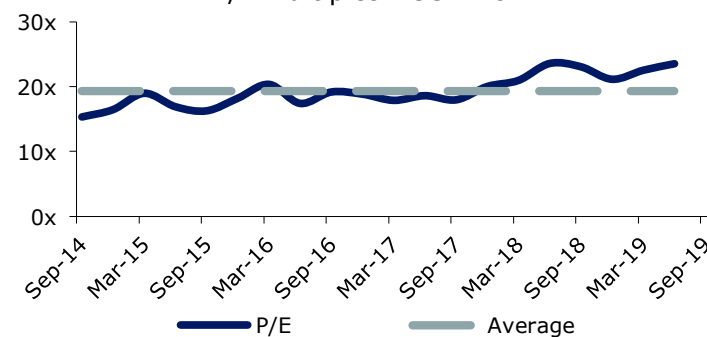
Revenue Multiples - CGI Inc.



EBITDA Multiples - CGI Inc.



P/E Multiples - CGI Inc.



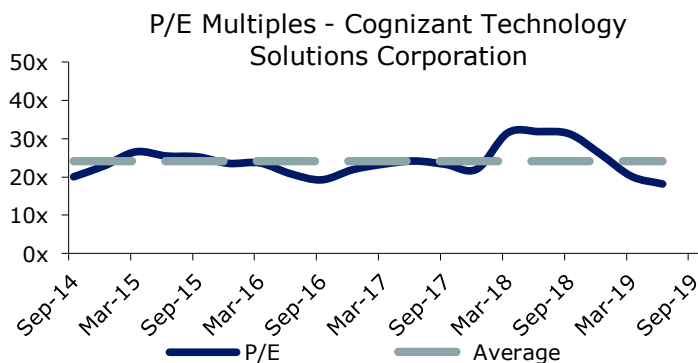
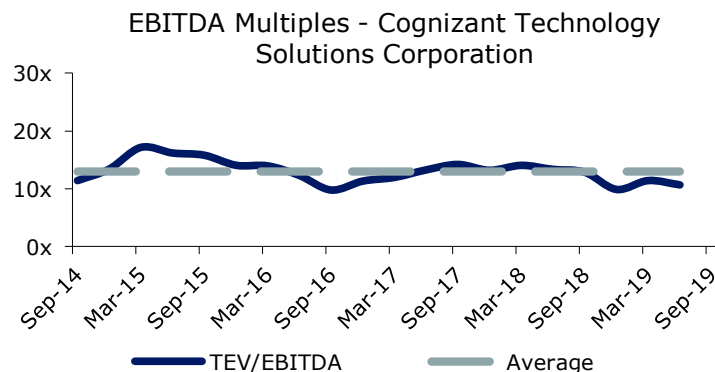
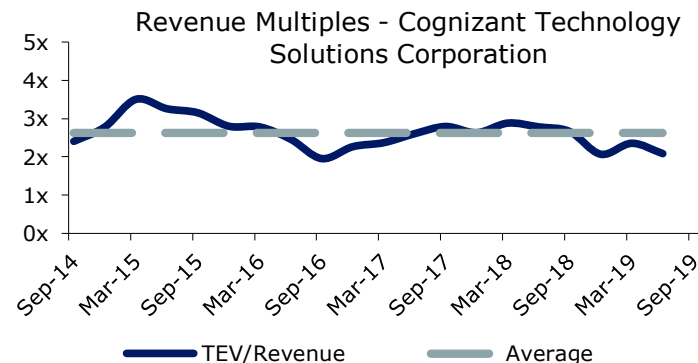
# Public Basket



## 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
8/12/19	Cognizant Technology Solutions To Seek Acquisitions
7/30/19	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) completed the acquisition of Zenith Technologies Ltd. from GE UK Group and other shareholders.
6/17/19	Cognizant Technology Solutions Corporation (NasdaqGS:CTSH) agreed to acquire Zenith Technologies Ltd. from GE UK Group and other shareholders.
5/7/19	AVEVA and Cognizant Expand R&D Partnership to Build Next-Gen Industrial Software
5/2/19	Cognizant Technology Solutions Intends To Seek Acquisitions



# Public Basket

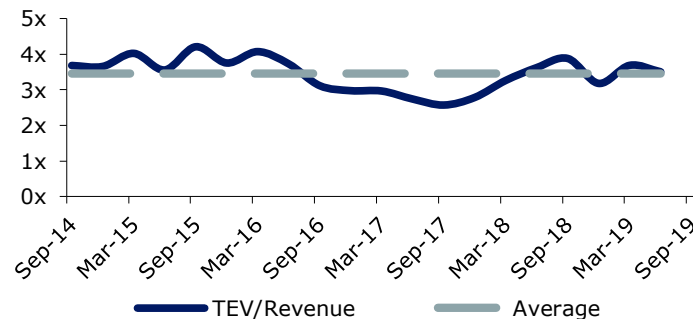


## Infosys Limited

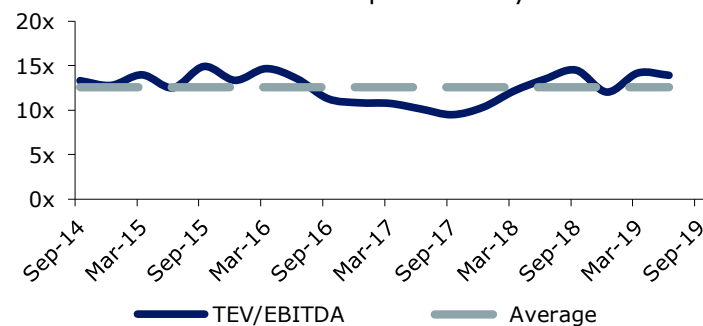
Infosys Limited, together with its subsidiaries, provides consulting, technology, and outsourcing services in North America, Europe, India, and internationally. It provides business information technology services, including application development and maintenance, independent validation, infrastructure management, and business process management services, as well as engineering services, such as engineering and life cycle solutions; and consulting and systems integration services comprising consulting, enterprise solutions, systems integration, and advanced technologies. Infosys Limited was founded in 1981 and is headquartered in Bengaluru, India.

Date	Key Development Headline
8/22/19	Infosys and University of Illinois Urbana-Champaign Enter a Strategic Partnership for Precision Medicine
7/12/19	Infosys To Seek Acquisitions
5/9/19	Infosys Seeks Acquisitions
5/2/19	Infosys Seeks Acquisitions
3/28/19	Infosys Limited and ABN AMRO Announce Strategic Partnership in the Netherlands

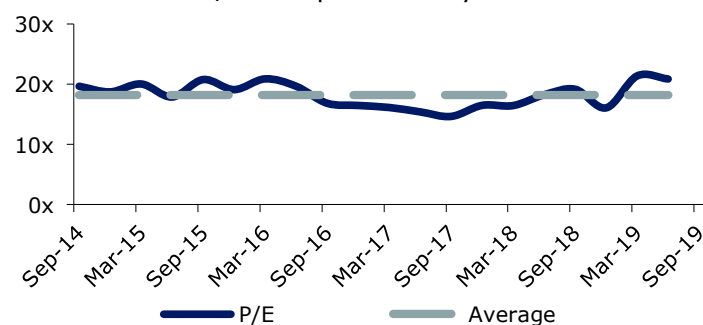
Revenue Multiples - Infosys Limited



EBITDA Multiples - Infosys Limited



P/E Multiples - Infosys Limited



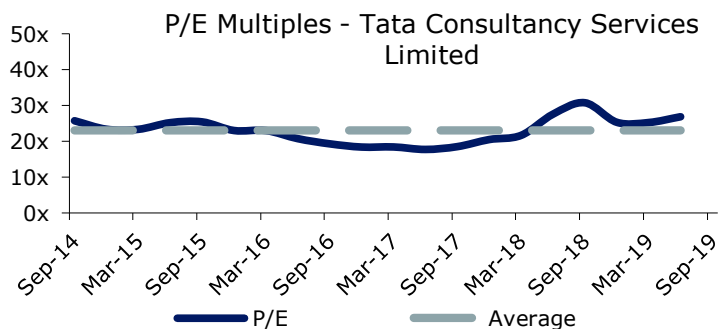
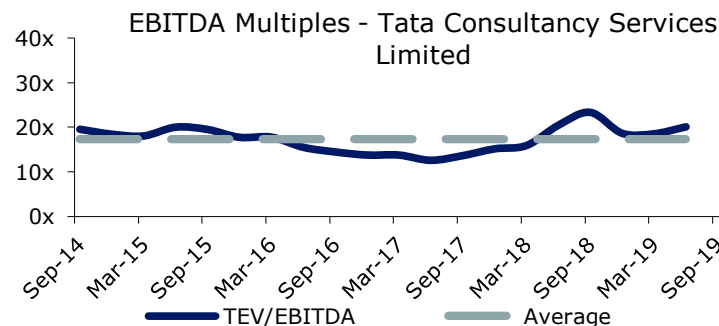
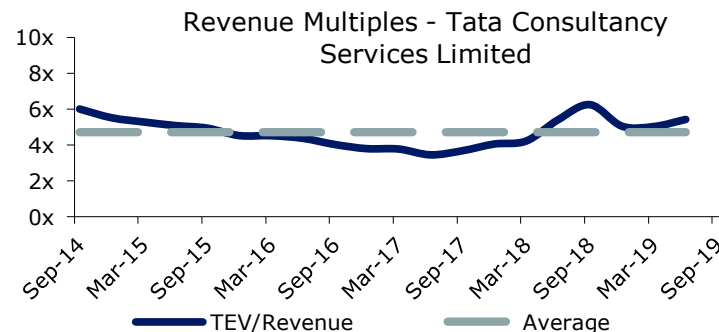
# Public Basket



## Tata Consultancy Services Limited

Tata Consultancy Services Limited provides information technology (IT) and IT enabled services worldwide. It offers CHROMA, a cloud-based talent management platform for enterprises to drive next generation employee experiences across the requisition-to-retain employee lifecycle; ignio, a cognitive automation system for IT operations in enterprises; iON, an assessment solution; TAP, an accounts payable platform; and TCS MasterCraft, a digital platform to automate and manage IT processes. Tata Consultancy Services Limited is a subsidiary of Tata Sons Limited.

Date	Key Development Headline
4/14/19	Tata Consultancy Services To Seek Acquisitions
2/11/19	Tata Consultancy Services Announces Global Partnership with JDA Software to Build Next-Generation Cognitive Solutions
1/10/19	TCS Seeks Acquisitions
12/18/18	Tata Consultancy Services Extends Collaboration with Red Hat to Build Microservices-Based Open Source Solutions and Frameworks
11/27/18	Tata Consultancy Services Limited (NSE:TCS) acquired Assets of BridgePoint Group, LLC.
11/20/18	Tata Consultancy Services Partners with SAP to Build Intelligent Rail Digital Maintenance
11/11/18	Tata Consultancy Services Partners with ENGIE Laborelec to Protect Critical Infrastructures Against Cyber Attacks
11/2/18	Tata To Seek Acquisitions



# Public Basket

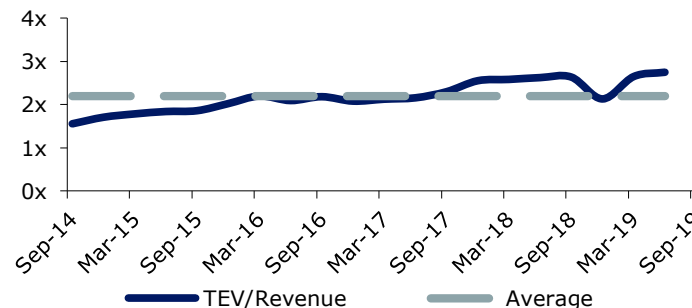


## Accenture plc

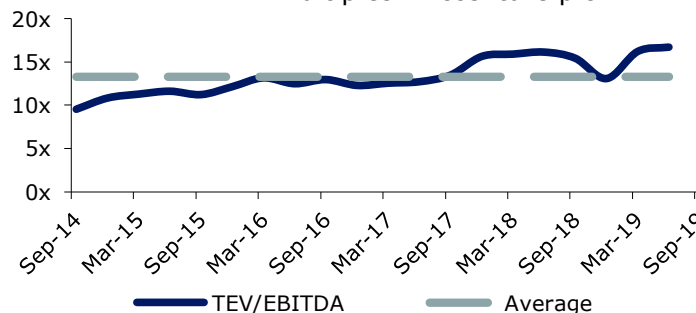
Accenture plc provides consulting, technology, and outsourcing services worldwide. Its Communications, Media & Technology segment provides professional services that help clients accelerate and deliver digital transformation, and enhance business results through industry-specific solutions for communications, 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
8/29/19	Accenture plc (NYSE:ACN) completed the acquisition of Analytics8, LLC.
8/26/19	Accenture plc (NYSE:ACN) acquired Fairway Technologies, Inc.
8/19/19	Accenture plc (NYSE:ACN) acquired Parker Fitzgerald Ltd.
8/13/19	Accenture plc (NYSE:ACN) agreed to acquire Analytics8, LLC.
8/4/19	Accenture plc (NYSE:ACN) completed the acquisition of Northstream AB.

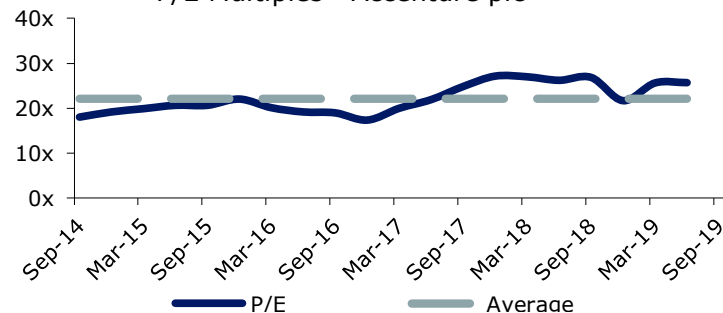
Revenue Multiples - Accenture plc



EBITDA Multiples - Accenture plc



P/E Multiples - Accenture plc





# 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.

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