Q4 Fiscal Year 2019 Financial Highlights

For the quarter ended January 31, 2019

March 7, 2019



Forward-Looking Statements

Certain statements in this communication may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements, including statements regarding Tech Data's plans, objectives, expectations and intentions, Tech Data's financial results and estimates and/or business prospects, involve a number of risks and uncertainties and actual results could differ materially from those projected. These forward looking statements are based on current expectations, estimates, forecasts, and projections about the operating environment, economies and markets in which Tech Data operates and the beliefs and assumptions of our management. Words such as "expects," "anticipates," "goals," "projects," "intends," "plans," "believes," "seeks," "estimates," variations of such words, and similar expressions are intended to identify such forward looking statements. In addition, any statements that refer to-Tech Data's future financial performance, our anticipated growth and trends in our businesses, and other characterizations of future events or circumstances, are forward looking statements. These forward looking statements are only predictions and are subject to risks, uncertainties, and assumptions. Therefore, actual results may differ materially and adversely from those expressed in any forward looking statements.

For additional information with respect to important risks and other factors that could cause actual results to differ materially from those in the forward-looking statements, see Tech Data's Annual Report on Form 10-K for the year ended January 31, 2018, including Part I, Item 1A, "Risk Factors" therein, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other securities filings with the Securities and Exchange Commission (the "SEC") that are available at the SEC's website at www.sec.gov and other securities regulators. Readers are cautioned not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. Many of these factors are beyond Tech Data's control. Unless otherwise required by applicable securities laws, Tech Data disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Tech Data undertakes no duty to update any forward looking statements contained herein to reflect actual results or changes in Tech Data's expectations.

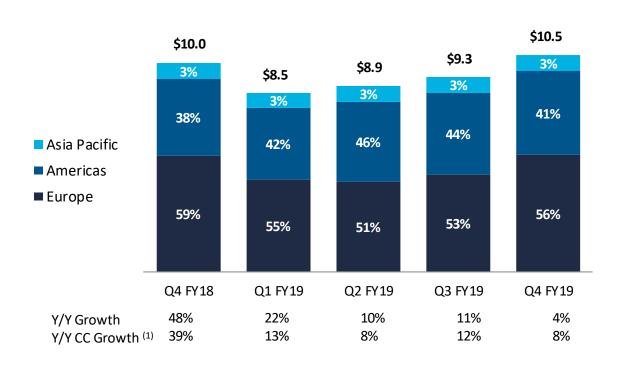
Use of Non-GAAP Financial Information

This document includes financial results prepared in accordance with generally accepted accounting principles ("GAAP"). In addition to GAAP results, Tech Data management believes that the presentation of non-GAAP financial measures is useful to investors because it provides investors with a more complete understanding of our operational results and a meaningful comparison of our performance between periods. The non-GAAP results and outlook should only be used in conjunction with results reported in accordance with GAAP and are not intended to be a substitute for results reported in accordance with GAAP. Non-GAAP financial measures presented in this presentation or other presentations, press releases and similar documents issued by Tech Data, include but are not limited to sales, income or expense items as adjusted for the impact of changes in foreign currencies (referred to as "constant currency"), non-GAAP selling, general and administrative expenses ("SG&A"), non-GAAP operating income, non-GAAP operating income growth, Adjusted non-GAAP EPS growth and Adjusted Return on Invested Capital. These non-GAAP financial measures do not have any standardized meaning and are therefore unlikely to be comparable to similar measures presented by comparable companies. Management may also use these non-GAAP financial measures to establish operational goals and, in some cases, for measuring performance for compensation purposes. This presentation provides a detailed reconciliation between results reported in accordance with GAAP and non-GAAP financial measures.



Net Sales

\$ in Billions



Q4 FY19:

- Worldwide reported net sales of \$10.5 billion increased 4% year-over-year and 12% sequentially.
- On a constant currency basis, net sales increased 8% year-over-year and 13% sequentially.
- Two of our vendor partners represented 10% or more of our net sales; Apple represented 18% and Cisco represented 10%

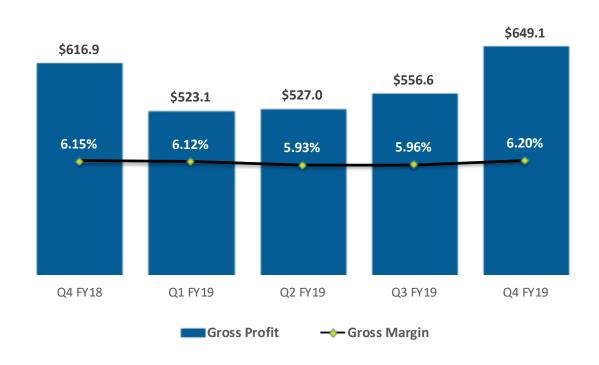
Note: Prior year (FY18) growth rates reflect the acquisition of Technology Solutions on February 27, 2017; Net sales and related growth rates adjusted to reflect adoption of new revenue recognition standard ASC 606.



⁽¹⁾ CC: constant currency

Gross Profit and Margin

\$ in Millions



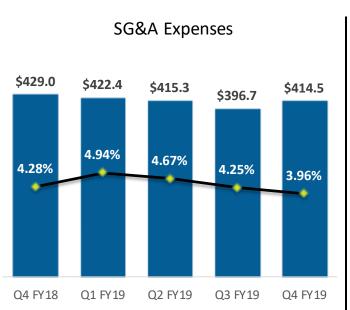
Q4 FY19:

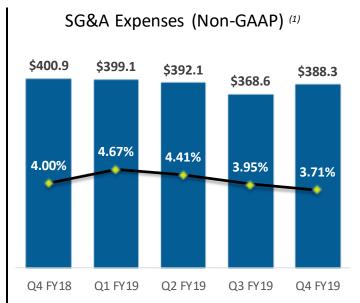
- Gross profit of \$649.1 million increased \$32.3 million or 5% compared to the prior-year quarter.
- Gross margin rate improved 5 basis points from the prior-year quarter.



SG&A Expenses

\$ in Millions





Q4 FY19:

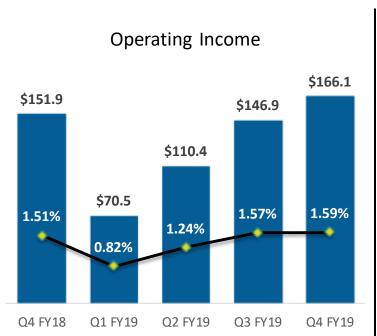
- Non-GAAP SG&A expenses of \$388.3 million decreased \$12.6 million or 3% compared to the prioryear quarter.
- Non-GAAP SG&A as a percentage of net sales decreased 29 basis points from the prior-year quarter.
- GAAP depreciation and amortization expense was \$39.4 million compared to \$37.1 million in the prioryear quarter.

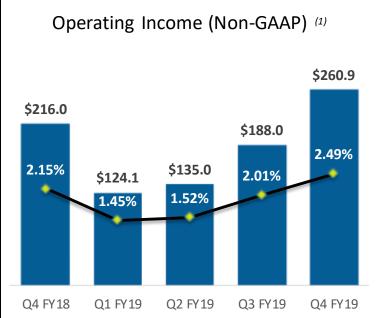


⁽¹⁾ Non-GAAP SG&A excludes acquisition-related amortization of intangibles expenses and tax indemnifications. See GAAP to Non-GAAP reconciliation in the appendix. Note: Both GAAP and non-GAAP SG&A percentage of net sales adjusted to reflect adoption of ASC 606; Q3 FY19 includes a \$25 million benefit from the collection of an accounts receivable balance previously considered uncollectible.

Operating Income

\$ in Millions





Q4 FY19:

- Worldwide non-GAAP operating income of \$260.9 million increased \$44.9 million or 21% compared to the prior-year quarter, and 25% on a constant currency basis.
- Worldwide non-GAAP operating margin improved 34 basis points from the prior-year quarter.

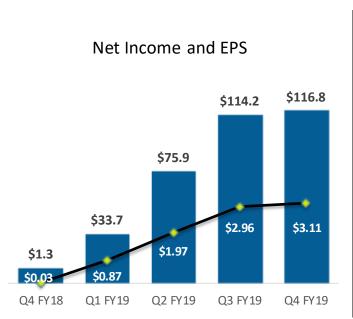
(1) See the GAAP to Non-GAAP reconciliation in the appendix.

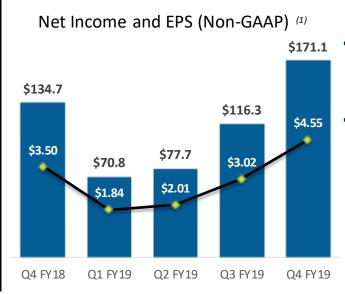
Note: Both GAAP and non-GAAP operating margin percentage adjusted to reflect adoption of ASC 606; Q3 FY19 includes a \$25 million benefit from the collection of an accounts receivable balance previously considered uncollectible.



Net Income and EPS

\$ in Millions (except EPS)





Q4 FY19:

- The effective tax rate was 12%, compared to 99% in the prior-year quarter. The non-GAAP effective tax rate was 25%, compared to 29% in the prior-year quarter.
- Non-GAAP net income of \$171.1 million increased
 \$36.4 million or 27% compared to the prior-year quarter.
- Non-GAAP EPS of \$4.55 increased \$1.05 or 30% compared to the prior-year quarter.

(1) See the GAAP to non-GAAP reconciliation in the appendix.

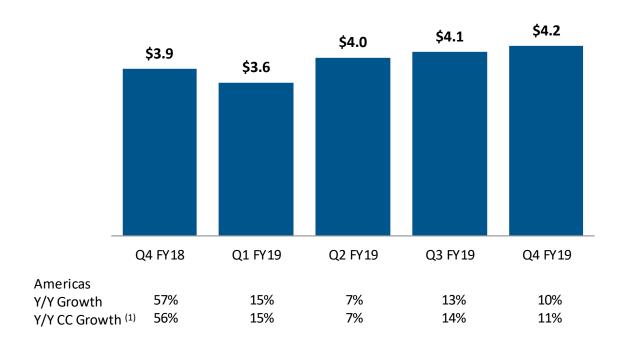
Note: Q3 FY19 includes an \$18 million net of tax benefit, \$0.47 after tax impact in EPS, from the collection of an accounts receivable balance previously considered uncollectible.



Regional Results - Americas

Net Sales

\$ in Billions



Q4 FY19:

- Americas' reported net sales were \$4.2 billion, an increase of 10% year-over-year and 3% sequentially
- On a constant currency basis, net sales increased 11% year-over-year and 3% sequentially.

Note: Prior year (FY18) growth rates reflect the acquisition of Technology Solutions on February 27, 2017; Net sales and related growth rates adjusted to reflect adoption of new revenue recognition standard ASC 606.

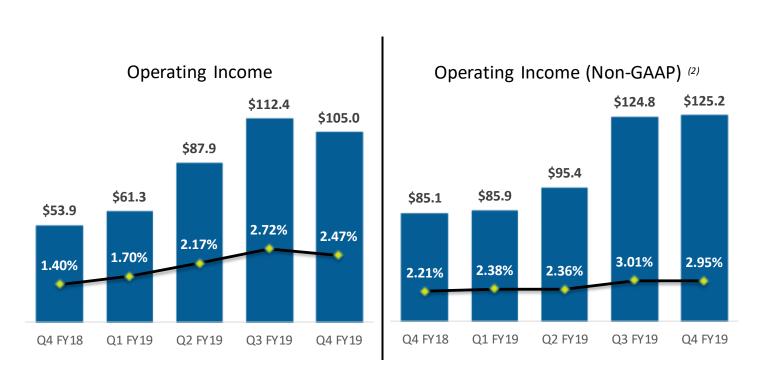


⁽¹⁾ CC: constant currency

Regional Results - Americas

Operating Income (1)

\$ in Millions



Q4 FY19:

- Americas' non-GAAP operating income of \$125.2 million increased \$40.2 million or 47% compared to the prior-year quarter, and 49% on a constant currency basis.
- Non-GAAP operating margin improved 74 basis points over the prior-year quarter.

Note: Both GAAP and non-GAAP operating margin percentage adjusted to reflect adoption of ASC 606. Q3 FY19 includes a \$25 million benefit from the collection of an accounts receivable balance previously considered uncollectible.



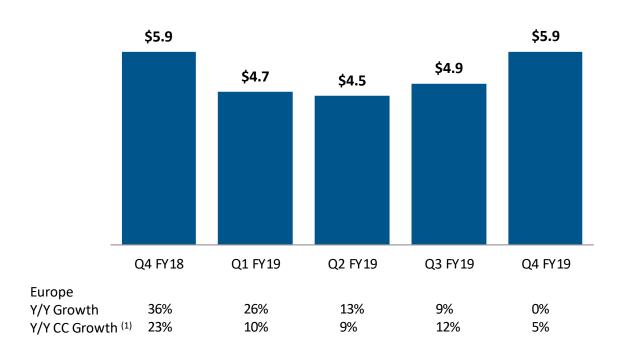
⁽¹⁾ Before stock compensation expense.

⁽²⁾ See the GAAP to non-GAAP reconciliation in the appendix

Regional Results - Europe

Net Sales

\$ in Billions



Q4 FY19:

- Europe's reported net sales were \$5.9 billion, essentially flat year-over-year and an increase of 20% sequentially.
- On a constant currency basis, net sales increased 5% year-over-year and 22% sequentially.

⁽¹⁾ CC: constant currency

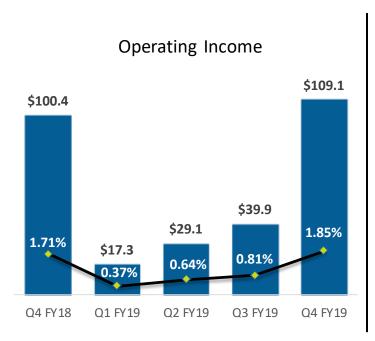


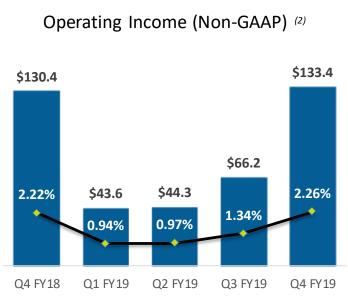


Regional Results - Europe

Operating Income (1)

\$ in Millions





Q4 FY19:

- Europe's non-GAAP operating income of \$133.4 million increased \$3.0 million or 2% compared to the prior-year quarter, and 7% on a constant currency basis.
- Non-GAAP operating margin improved 4 basis points from the prior-year quarter.

Note: Both GAAP and non-GAAP operating margin percentage adjusted to reflect adoption of ASC 606.



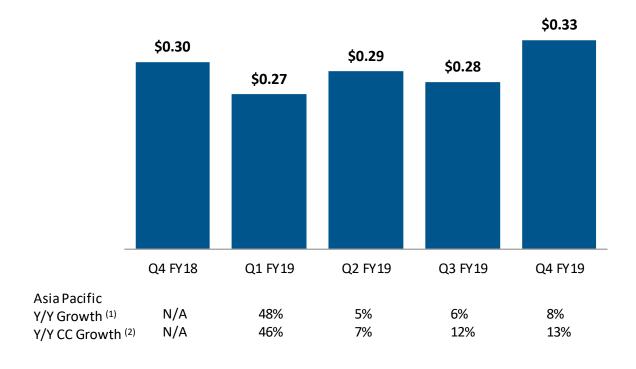
⁽¹⁾ Before stock compensation expense.

⁽²⁾ See the GAAP to non-GAAP reconciliation in the appendix.

Regional Results - Asia Pacific

Net Sales

\$ in Billions



Q4 FY19:

- Asia Pacific reported net sales were \$0.33 billion, an increase of 8% year-over-year and an increase of 16% sequentially.
- On a constant currency basis, net sales increased 13% year-over-year and 15% sequentially.

Note: Net sales and related growth rates adjusted to reflect adoption of new revenue recognition standard ASC 606.

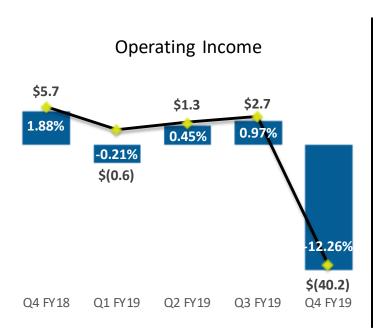


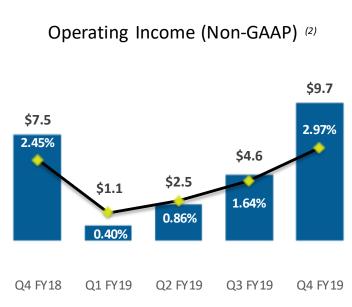
⁽¹⁾ Tech Data had no operations in the Asia Pacific region prior to the acquisition of Technology Solutions on February 27, 2017 (2) CC: constant currency

Regional Results - Asia Pacific

Operating Income (1)

\$ in Millions





Q4 FY19:

- The Asia Pacific region's non-GAAP operating income of \$9.7 million increased \$2.3 million or 30% compared to the prioryear quarter, and 38% on a constant currency basis.
- Non-GAAP operating margin improved 52 basis points from the prior-year quarter.
- GAAP Results for the fourth quarter of fiscal 2019 include a non-cash goodwill impairment charge of \$47 million.

Note: Both GAAP and non-GAAP operating margin percentage adjusted to reflect adoption of ASC 606.



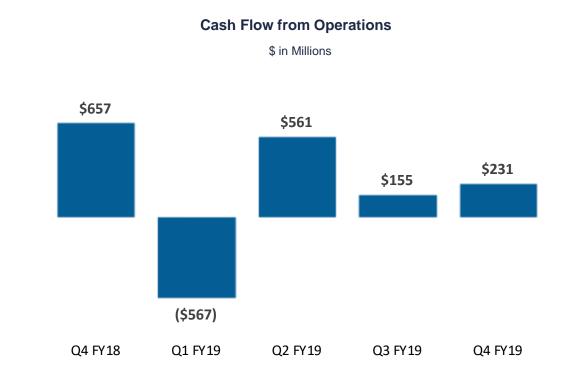
⁽¹⁾ Before stock compensation expense.

⁽²⁾ See the GAAP to non-GAAP reconciliation in the appendix.

Cash Metrics

Cash Conversion Cycle (1)

	Q4 FY18	Q1 FY19	Q2 FY19	Q3 FY19	Q4 FY19
Days of Sales Outstanding	55	56	53	58	54
Days of Supply	29	33	33	33	31
Days of Purchases Outstanding	(68)	(65)	(68)	(73)	(70)
Cash Conversion Cycle	16	24	18	18	15



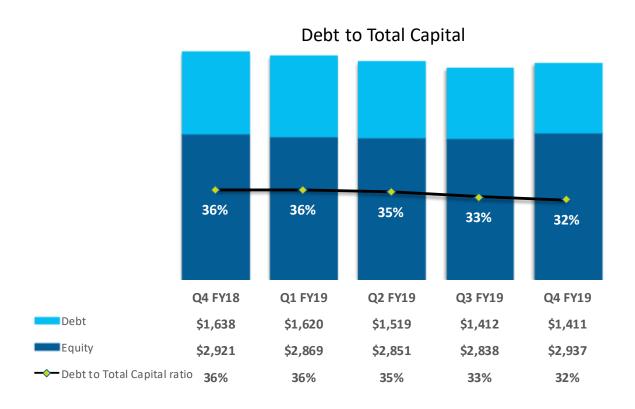
FY19:

- Net cash generated by operations was \$380 million.
- The cash balance at the end of the quarter was \$799 million.



⁽¹⁾ Adjusted to reflect adoption of ASC 606.

Balance Sheet Highlights

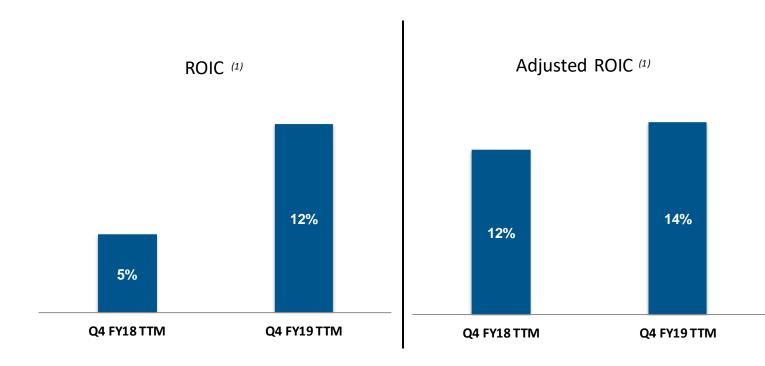


Q4 FY19:

- Accumulated other comprehensive income, which consists of currency translation, net of applicable taxes, was \$44 million.
- Capital expenditures were \$21 million.
- At January 31, 2019, the company had \$2.9 billion of equity, and 36.94 million shares outstanding resulting in book value of \$79.50 per share.
- At January 31, 2019, the company had approximately \$1.7 billion of goodwill and acquired intangibles.



Return on Invested Capital



- Company's Weighted Average Cost of Capital is approximately 9%
- Excluding a \$25 million benefit from the collection of an accounts receivable balance previously considered uncollectible, adjusted return on invested capital in Q4 FY19 TTM was 13%



⁽¹⁾ See reconciliation of ROIC to adjusted ROIC calculation in appendix.

Share Repurchase Activity

	Amount Repurchased (\$ millions)	Number of Shares Repurchased (millions)	Average Price Per Share
Q4 FY19 Share Repurchases	\$63	0.808	\$78.28
FY19 Share Repurchases	\$107	1.429	\$74.89

Amount remaining on current authorization*	\$193 million



^{*} Amount remaining reflects \$100 million increase to current share repurchase authorization announced March 7, 2019

Business Outlook

For the quarter ending April 30, 2019

Net Sales Range	\$8.3 billion to \$8.6 billion
EPS Range	\$1.19 to \$1.49
Non-GAAP EPS Range (1)	\$1.80 to \$2.10

Q1 FY20 business outlook assumes the following:

- U.S. dollar to euro exchange rate of \$1.14 to €1.00 compared with \$1.23 to €1.00 in the year-ago period.
- For the quarter ending April 30, 2019, the Company anticipates its effective tax rate will be in the range of 24 percent to 26 percent.

Forward-Looking Statements

Certain statements made in this document are "Forward-Looking Statements" as described in the Private Securities Litigation Reform Act of 1995. These statements are subject to risks and uncertainties further described in Tech Data Corporation's (the "Company") Annual Report on Form 10-K for the year ended January 31, 2018, a copy of which can be obtained from the Company's Investor Relations website at www.techdata.com/investor. A number of important factors, some of which are beyond the Company's control, could cause actual events and results to differ materially from those contained in or implied by the forward-looking statements. Forwardlooking statements reflect management's analysis as of the filing date of this presentation. The Company does not undertake to update or revise these statements to reflect subsequent developments.



FY20 Annual Modeling Assumptions

Revenue Growth	Low-single digit ¹
Adjusted Non-GAAP Operating Income Growth	Mid-single digit ^{1,2}
Interest Expense	\$100 million - \$105 million
Effective Tax Rate	24% - 26%
Adjusted Non-GAAP EPS Growth	~10% 1,2
Capex	\$90 million - \$100 million
Adjusted ROIC	13% - 14%

¹Assumes U.S. dollar to euro exchange rate of \$1.17 = €1.00

² Adjusted to exclude a \$25 million operating income or \$0.47 earnings per share benefit in FY19 from the collection of an accounts receivable balance previously considered uncollectible. Adjusted Non-GAAP Operating Income Growth and Adjusted Non-GAAP EPS Growth are forward-looking non-GAAP financial measures. Reconciliations of these forward-looking non-GAAP financial measures are not included in this presentation due to the high variability and difficulty in making accurate forecasts and projections of some of the excluded information, together with some of the excluded information not being ascertainable or accessible at this time. As a result, the Company is unable to quantify certain amounts that would be required to be included in the most directly comparable GAAP financial measure without unreasonable efforts.



APPENDIX

GAAP to Non-GAAP Reconciliations



ASC 606 Impact to Previously Reported Results

Three months ended,

	April 3	0, 2017	July 3	1, 2017	October	31, 2017	January 31, 2018		
	As reported	Adjusted for ASC 606	As reported	Adjusted for ASC 606	As reported	Adjusted for ASC 606	As reported	Adjusted for ASC 606	
Net sales	\$7,664,063	\$7,023,620	\$8,882,691	\$8,092,353	\$9,135,728	\$8,448,471	\$11,092,529	\$10,033,397	
Gross profit margin	5.96%	6.51%	5.80%	6.37%	5.76%	6.23%	5.56%	6.15%	
SG&A percentage of net sales	4.60%	5.02%	4.62%	5.07%	4.56%	4.93%	3.87%	4.28%	
Operating income margin	0.98%	1.07%	1.17%	1.28%	0.87%	0.94%	1.37%	1.51%	
Non-GAAP SG&A percentage of net sales	4.36%	4.75%	4.37%	4.79%	4.27%	4.62%	3.61%	4.00%	



SG&A

\$ in thousands

	Q4 FY18		Q1 FY19		Q2 FY19		Q3 FY19		Q4 FY19	
Net Sales	\$	10,033,397	\$	8,548,319	\$	8,886,101	\$	9,340,029	\$	10,464,501
SG&A Expenses (GAAP)	\$	428,965	\$	422,361	\$	415,319	\$	396,675	\$	414,540
Tax indemnifications		(6,526)		-		(554)		(5,541)		(3,539)
Acquisition-related intangible assets amortization										
expense		(21,529)		(23,304)		(22,715)		(22,523)		(22,706)
SG&A Expenses (non-GAAP)	\$	400,910	\$	399,057	\$	392,050	\$	368,611	\$	388,295
SG&A Expenses (GAAP) %		4.28%		4.94%		4.67%		4.25%		3.96%
SG&A Expenses (non-GAAP) %		4.00%		4.67%		4.41%		3.95%		3.71%



Operating Income Q4 FY19

(In thousands)	Q4 FY19										
		Americas (1)		Europe (1)		Pacific ⁽¹⁾	Stock Compensation Expense		Consolidated		
Net Sales	\$	4,241,714	\$	5,895,072	\$	327,715			\$	10,464,501	
Operating income (GAAP) (1)	\$	104,966	\$	109,083	\$	(40,177)	\$	(7,819)	\$	166,053	
Acquisition, integration and restructuring expenses		6,145		13,293		1,348		335		21,121	
Goodwill impairment		-		-		47,434		-		47,434	
Tax indemnifications		708		3,033		(202)				3,539	
Acquisition-related intangible assets amortization expense		13,414		7,977		1,315				22,706	
Total non-GAAP operating income adjustments	\$	20,267	\$	24,303	\$	49,895	\$	335	\$	94,800	
Operating income (non-GAAP)	\$	125,233	\$	133,386	\$	9,718	\$	(7,484)	\$	260,853	
Operating margin (GAAP)		2.47%		1.85%		-12.26%				1.59%	
Operating margin (non-GAAP)		2.95%		2.26%		2.97%				2.49%	

⁽¹⁾ GAAP operating income does not include stock compensation expense at the regional level.



Operating Income Q₃ FY₁₉

(In thousands)	Q3 FY19										
Net Sales	Americas (1)		Europe (1)		Asia Pacific (1)		Stock Compensation Expense		Consolidated		
	\$	4,137,852	\$	4,920,156	\$	282,021			\$	9,340,029	
Operating income (GAAP) (1)	\$	112,399	\$	39,889	\$	2,739	\$	(8,139)	\$	146,888	
Acquisition, integration and restructuring expenses		5,989		13,132		578		578		20,277	
Legal settlements and other, net		(7,207)		-		-				(7,207)	
Gain on disposal of subsidiary		-		(29)		-				(29)	
Tax indemnifications		-		5,541		-				5,541	
Acquisition-related intangible assets amortization expense		13,569		7,640		1,314				22,523	
Total non-GAAP operating income adjustments	\$	12,351	\$	26,284	\$	1,892	\$	578	\$	41,105	
Operating income (non-GAAP)	\$	124,750	\$	66,173	\$	4,631	\$	(7,561)	\$	187,993	
Operating margin (GAAP)		2.72%		0.81%		0.97%				1.57%	
Operating margin (non-GAAP)		3.01%		1.34%		1.64%				2.01%	

⁽¹⁾ GAAP operating income does not include stock compensation expense at the regional level.



Operating Income Q2 FY19

(In thousands)	Q2 FY19										
Net Sales	Americas (1)		Europe (1)		Asia Pacific (1)		Stock Compensation Expense		Consolidated		
	\$	4,043,331	\$	4,549,127	\$	293,643			\$	8,886,101	
Operating income (GAAP) (1)	\$	87,930	\$	29,085	\$	1,318	\$	(7,968)	\$	110,365	
Acquisition, integration and restructuring expenses		(844)		13,342		131		668		13,297	
Legal settlements and other, net		(5,234)		-		-				(5,234)	
Gain on disposal of subsidiary		-		(6,717)		-				(6,717)	
Tax indemnifications		-		910		(356)				554	
Acquisition-related intangible assets amortization expense		13,570		7,727		1,418				22,715	
Total non-GAAP operating income adjustments	\$	7,492	\$	15,262	\$	1,193	\$	668	\$	24,615	
Operating income (non-GAAP)	\$	95,422	\$	44,347	\$	2,511	\$	(7,300)	\$	134,980	
Operating margin (GAAP)		2.17%		0.64%		0.45%		_		1.24%	
Operating margin (non-GAAP)		2.36%		0.97%		0.86%				1.52%	

⁽¹⁾ GAAP operating income does not include stock compensation expense at the regional level.



Operating Income Q1 FY19

(In thousands)	Q1 FY19										
	A	mericas ⁽¹⁾	ı	Europe ⁽¹⁾	Asia	a Pacific ⁽¹⁾	Com	Stock npensation expense	Co	onsolidated	
Net Sales	\$	3,618,206	\$	4,661,702	\$	268,411			\$	8,548,319	
Operating income (GAAP) (1)	\$	61,342	\$	17,318	\$	(577)	\$	(7,587)	\$	70,496	
Acquisition, integration and restructuring expenses		13,916		17,988		321		1,000		33,225	
Legal settlements and other, net		(2,965)		-		-				(2,965)	
Acquisition-related intangible assets amortization expense		13,643		8,329		1,332				23,304	
Total non-GAAP operating income adjustments	\$	24,594	\$	26,317	\$	1,653	\$	1,000	\$	53,564	
Operating income (non-GAAP)	\$	85,936	\$	43,635	\$	1,076	\$	(6,587)	\$	124,060	
Operating margin (GAAP)		1.70%		0.37%		-0.21%				0.82%	
Operating margin (non-GAAP)		2.38%		0.94%		0.40%				1.45%	

⁽¹⁾ GAAP operating income does not include stock compensation expense at the regional level.



Operating Income Q4 FY18

(In thousands)	Q4 FY18											
		Americas (1)		Europe (1)		a Pacific ⁽¹⁾	Stock Compensation Expense		Consolidated			
Net Sales	\$	3,850,705	\$	5,878,873	\$	303,819			\$	10,033,397		
Operating income (GAAP) (1)	\$	53,924	\$	100,439	\$	5,704	\$	(8,164)	\$	151,903		
Acquisition, integration and restructuring expenses		16,990		15,807		322		1,222		34,341		
Value added tax assessments		494		1,158		-				1,652		
Tax indemnifications		-		6,526		-				6,526		
Acquisition-related intangible assets amortization expense		13,664		6,434		1,431				21,529		
Total non-GAAP operating income adjustments	\$	31,148	\$	29,925	\$	1,753	\$	1,222	\$	64,048		
Operating income (non-GAAP)	\$	85,072	\$	130,364	\$	7,457	\$	(6,942)	\$	215,951		
Operating margin (GAAP)		1.40%		1.71%		1.88%				1.51%		
Operating margin (non-GAAP)		2.21%		2.22%		2.45%				2.15%		

⁽¹⁾ GAAP operating income does not include stock compensation expense at the regional level.



Net Income and EPS

(In thousands, except per	Q4 FY18		Q1 FY19		Q2 FY19		Q3 FY19		Q4 FY19	
share data)	Net Income	Diluted EPS	Net Income	Diluted EPS	Net Income	Diluted EPS	Net Income	Diluted EPS	Net Income	Diluted EPS
GAAP Results	\$1,260	\$0.03	\$33,699	\$0.87	\$75,866	\$1.97	\$114,216	\$2.96	\$116,799	\$3.11
Acquisition, integration and restructuring expenses	34,341	0.89	33,225	0.86	13,297	0.34	20,277	0.53	21,121	0.56
Goodwill impairment	-	-	-	-	-	-	-	-	47,434	1.26
Legal settlements and other, net	-	-	(2,965)	(80.0)	(5,234)	(0.13)	(7,207)	(0.19)	-	-
Gain on disposal of subsidiary	-	-	-	-	(6,717)	(0.17)	(29)	-	-	-
Value added tax assessments and related interest expense	2,568	0.07	(928)	(0.02)	-	-	-	-	-	-
Tax indemnifications	6,526	0.17	-	-	554	0.01	5,541	0.14	3,539	0.09
Acquisition-related intangible assets amortization expense	21,529	0.56	23,304	0.61	22,715	0.59	22,523	0.58	22,706	0.60
Income tax effect of tax indemnifications	(6,526)	(0.17)	-	-	(554)	(0.01)	(5,541)	(0.14)	(3,539)	(0.09)
Income tax effect of other adjustments above	(21,565)	(0.56)	(12,908)	(0.33)	(9,404)	(0.25)	(8,798)	(0.23)	(8,815)	(0.23)
Income tax benefit from acquisition settlement	-	-	-	-	(12,839)	(0.34)	(207)	-	-	-
Change in deferred tax valuation allowances	1,224	0.03	(2,600)	(0.07)	-	-	(473)	(0.01)	(2,914)	(80.0)
Impact of US tax reform	95,369	2.48	-	-	-	-	(24,000)	(0.62)	(25,234)	(0.67)
Non-GAAP Results	\$134,726	\$3.50	\$70,827	\$1.84	\$77,684	\$2.01	\$116,302	\$3.02	\$171,097	\$4.55
Weighted average shares outstanding - diluted	38,	,529	38,	561	38,	566	38,	526	37	577



Return on Invested Capital

\$ in thousands	Twelve months ended January 31,				
TTM Net Operating Profit After Tax (NOPAT)*:		2018		2019	
Operating income	\$	410,079	\$	493,802	
Income taxes on operating income (1)		(250,151)		(43,264)	
NOPAT	\$	159,928	\$	450,538	
Average Invested Capital:					
Short-term debt (5-qtr end average)	\$	314,154	\$	116,931	
Long-term debt (5-qtr end average)		1,580,778		1,402,967	
Shareholders' Equity (5-qtr end average)		2,605,736		2,883,085	
Total average capital		4,500,668		4,402,983	
Less: Cash (5-qtr end average)		(1,107,734)		(707,933)	
Average invested capital less average cash	\$	3,392,934	\$	3,695,050	
ROIC		5%		12%	

^{*} Trailing Twelve Months is abbreviated as TTM.



⁽¹⁾ Income taxes on operating income was calculated using the trailing twelve months effective tax rate.

Adjusted Return on Invested Capital

\$ in thousands	Tw	elve months e	nded .	January 31,
TTM Net Operating Profit After Tax (NOPAT), as adjusted*:	-	2018		2019
Non-GAAP operating income (1)	\$	602,704	\$	707,886
Income taxes on non-GAAP operating income (2)		(184,370)		(181,704)
NOPAT, as adjusted	\$	418,334	\$	526,182
Average Invested Capital, as adjusted:				
Short-term debt (5-qtr end average)	\$	314,154	\$	116,931
Long-term debt (5-qtr end average)		1,580,778		1,402,967
Shareholders' Equity (5-qtr end average)		2,605,736		2,883,085
Tax effected impact of non-GAAP adjustments (3)		94,193		88,879
Total average capital, as adjusted		4,594,861		4,491,862
Less: Cash (5-qtr end average)		(1,107,734)		(707,933)
Average invested capital less average cash	\$	3,487,127	\$	3,783,929
Adjusted ROIC		12%		14%

^{*} Trailing Twelve Months is abbreviated as TTM.



⁽¹⁾ Represents operating income as adjusted to exclude acquisition, integration and restructuring expenses, legal settlements and other, net, gain on disposal of subsidiary, value added tax assessments, acquisition-related intangible assets amortization expense, goodwill impairment and tax indemnifications.

⁽²⁾ Income taxes on non-GAAP operating income was calculated using the trailing twelve months effective tax rate adjusted for the impact of non-GAAP adjustments during the respective periods.

⁽³⁾ Represents the 5 quarter average of the year-to-date impact of non-GAAP adjustments.

Guidance Reconciliation

Earnings per share - diluted
Acquisition, integration and restructuring expenses
Acquisition-related intangible assets amortization expense
Income tax effect of the above adjustments
Non-GAAP earnings per share - diluted

Three months ending April 30, 2019				
Low end of	High end of			
guidance range	guidance range			
\$1.19	\$1.49			
0.22	0.22			
0.58	0.58			
(0.19)	(0.19)			
\$1.80	\$2.10			

