UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 5, 2020

Advanced Energy Industries, Inc. (Exact name of registrant as specified in its charter)

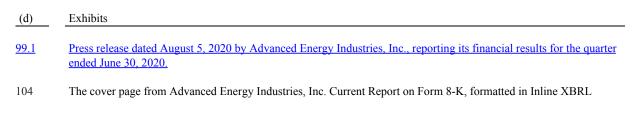
Delaware (State or other jurisdiction of incorporation)	000-26966 (Commission File Number)	84-0846841 (IRS Employer Identification No.)
1595 Wynkoop Street, Sui (Address of principa		80202 (Zip Code)
(Registra	(970) 407-6626 ant's telephone number, including an	rea code)
(Former nam	Not applicable e or former address, if changed since	re last report)
Check the appropriate box below if the Forregistrant under any of the following provis	m 8-K filing is intended to simultaneously saions (see General Instruction A.2. below):	atisfy the filing obligation of the
☐ Written communications pursuant to I	Rule 425 under the Securities Act (17 CFR 2	30.425)
☐ Soliciting material pursuant to Rule 1-	4a-12 under the Exchange Act (17 CFR 240	.14a-12)
☐ Pre-commencement communications	pursuant to Rule 14d-2(b) under the Exchan	ge Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications	pursuant to Rule 13e-4(c) under the Exchange	ge Act (17 CFR 240.13e-4(c))
Securities registered pursuant to Section 12	(b) of the Act:	
Title of each class Common Stock, \$0.001 par value	Trading Symbol(s) AEIS	Name of each exchange on which registered NASDAQ Global Select Market
2	ant is an emerging growth company as define the Securities Exchange Act of 1934 (17 CF)	
	y check mark if the registrant has elected no al accounting standards provided pursuant to	-

Item 2.02 Results of Operations and Financial Condition.

The information in this Form 8-K is furnished under "Item 2.02 Results of Operations and Financial Condition" and Exhibit 99.1 attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Act of 1934, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

On August 5, 2020, Advanced Energy Industries, Inc. issued a press release announcing its financial results for the quarter ended June 30, 2020. A copy of the press release is furnished with this Current Report on Form 8-K as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.



SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

/s/ Paul Oldham

Date: August 5, 2020 Paul Oldham

Chief Financial Officer & Executive Vice President



Financial News Release

Advanced Energy Announces Second Quarter 2020 Results

- Q2 revenue was a record \$340 million, at the high end of the guidance range of \$285 million to \$345 million
- Q2 GAAP EPS from continuing operations was \$0.76
- Q2 Non-GAAP EPS was \$1.18, above the guidance range of \$0.50 to \$1.10

DENVER, Colo., August 5, 2020 - Advanced Energy Industries, Inc. (Nasdaq: AEIS), today announced financial results for the second quarter ended June 30, 2020.

"In Q2 we delivered record revenue with margins, earnings, and cash flow generation above expectations. As a pure play power leader, we are leveraging our operational excellence and market share gains, delivering on accelerating demand in many of our markets, and realizing the benefits of the Artesyn integration," said CEO Yuval Wasserman. "While visibility and operating conditions remain difficult due to COVID-19, we are executing our growth strategy ahead of plan."

Second Quarter Results

Sales were \$339.9 million in the second quarter of 2020 compared with \$315.5 million in the first quarter of 2020 and \$134.8 million in the second quarter of 2019.

GAAP net income from continuing operations was \$29.3 million or \$0.76 per diluted share, compared with \$18.4 million or \$0.48 per diluted share in the prior quarter, and \$23.4 million or \$0.61 per diluted share in the second quarter of 2019.

Non-GAAP net income was \$45.4 million or \$1.18 per diluted share in the second quarter of 2020. This compares with \$34.9 million or \$0.91 per diluted share in the first quarter of 2020, and \$17.2 million or \$0.45 per diluted share in the second quarter of 2019.

A reconciliation of non-GAAP measures is provided in the tables below.

The company generated \$38.6 million of operating cash from continuing operations in the quarter and made debt principal payments of \$4.4 million.

Discontinued Operations

The company's financial statements for all periods presented reflect results for the continuing precision power business, with the discontinued inverter business included in discontinued operations for all purposes. Further financial detail regarding the amounts related to the discontinued inverter business are available in the company's 2019 Annual Report on Form 10-K.

Third Quarter 2020 Guidance

Based on the company's current view, beliefs and assumptions, guidance for the third quarter of 2020 is within the following ranges.

	Q3 2020
Revenues	\$350M +/- \$25M
GAAP EPS from continuing operations	\$0.88 +/- \$0.25
Non-GAAP EPS	\$1.15 +/- \$0.25

Conference Call

Management will host a conference call today, August 5, 2020 at 6:00 a.m. Mountain Time / 8:00 a.m. Eastern Time to discuss Advanced Energy's financial results. Domestic callers may access this conference call by dialing 855-232-8958. International callers may access the call by dialing +1 315-625-6980. Participants will need to provide the operator with conference ID number 1753437, which has been reserved for this call. A webcast will also be available on the company's investors web page at ir.advanced-energy.com.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in the design and manufacturing of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. AE's power solutions enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing and healthcare. With engineering know-how and responsive service and support around the globe, the company builds collaborative partnerships to meet technology advances, propel growth for its customers and innovate the future of power. Advanced Energy has devoted more than three decades to perfecting power for its global customers and is headquartered in Denver, Colorado, USA. For more information, visit www.advancedenergy.com.

Advanced Energy | Precision. Power. Performance.

For more information, contact:

Brian Smith Advanced Energy (970) 407-6555 brian.smith@aei.com

Non-GAAP Measures

This release includes GAAP and non-GAAP income and per-share earnings data and other GAAP and non-GAAP financial information. Advanced Energy's non-GAAP measures exclude the impact of non-cash related charges such as stock-based compensation and amortization of intangible assets, as well as discontinued operations, and non-recurring items such as acquisition-related costs and restructuring expenses. Beginning in Q2 2020, Advanced Energy's non-GAAP measures will exclude non-cash unrealized foreign currency gains or losses that result from remeasurement to functional currency long-term obligations related to pension and operating lease liabilities as the

remeasurement does not represent current economic exposure and is unrelated to our overall operating performance. These long-term obligations were acquired in connection with the Artesyn acquisition and the Company previously used derivatives to hedge the exposure; however, the Company has determined it will no longer hedge these non-economic exposures. The tax effect of our non-GAAP adjustments represents the anticipated annual tax rate applied to each non-GAAP adjustment after consideration of their respective book and tax treatments.

The non-GAAP measures included in this release are not in accordance with, or an alternative for, similar measures calculated under generally accepted accounting principles and may be different from non-GAAP measures used by other companies. In addition, these non-GAAP measures are not based on any comprehensive set of accounting rules or principles. Advanced Energy believes that these non-GAAP measures provide useful information to management and investors to evaluate business performance without the impacts of certain non-cash charges, non-economic foreign currency remeasurements, and other cash charges which are not part of the company's usual operations. The company uses these non-GAAP measures to assess performance against business objectives, make business decisions, develop budgets, forecast future periods, assess trends and evaluate financial impacts of various scenarios. In addition, management's incentive plans include these non-GAAP measures as criteria for achievements. Additionally, the company believes that these non-GAAP measures, in combination with its financial results calculated in accordance with GAAP, provide investors with additional perspective. While some of the excluded items may be incurred and reflected in the company's GAAP financial results in the foreseeable future, the company believes that the items excluded from certain non-GAAP measures do not accurately reflect the underlying performance of its continuing operations for the period in which they are incurred. The use of non-GAAP measures has limitations in that such measures do not reflect all of the amounts associated with the company's results of operations as determined in accordance with GAAP, and these measures should only be used to evaluate the company's results of operations in conjunction with the corresponding GAAP measures. Please refer to the Form 8-K regarding this release furnished today to the Securities and Exchange Commission.

Forward-Looking Statements

The company's guidance with respect to anticipated financial results for the third guarter ending September 30, 2020, potential future growth and profitability, future business mix, expectations regarding future market trends, future performance within specific markets and other statements herein or made on the above-announced conference call that are not historical information are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Such risks and uncertainties include, but are not limited to: (a) the effects of global macroeconomic conditions upon demand for our products and services; (b) the volatility and cyclicality of the industries the company serves, particularly the semiconductor industry; (c) delays in capital spending by end-users in our served markets; (d) the risks and uncertainties related to the acquisition and integration of Artesyn Embedded Power including the optimization and reduction of our global manufacturing sites; (e) the recent outbreak of COVID-19 and its potential adverse impact on our product manufacturing, research & development, supply chain, services and administrative operations; (f) the accuracy of the company's estimates related to fulfilling solar inverter product warranty and post-warranty obligations; (g) the company's ability to realize its plan to avoid additional costs after the solar inverter wind-down; (h) the accuracy of the company's assumptions on which its financial statement projections are based; (i) the impact

of product price changes, which may result from a variety of factors; (j) the timing of orders received from customers; (k) the company's ability to realize benefits from cost improvement efforts including avoided costs, restructuring plans and inorganic growth; (I) the company's ability to obtain in a timely manner the materials necessary to manufacture its products; (m) unanticipated changes to management's estimates, reserves or allowances; (n) changes and adjustments to the tax expense and benefits related to the U.S. tax reform that was enacted in late 2017; and (o) the impact of escalating political, economic and policy tensions and conflicts between China and the United States including, but not limited to, trade wars and export restrictions between the two countries, China's national security law for Hong Kong, and China's expansion of control over the South China Sea, any of which could negatively impact our customers' and our presence, operations, and financial results. These and other risks are described in Advanced Energy's Form 10-K, Forms 10-Q and other reports and statements filed with the Securities and Exchange Commission (the "SEC"). These reports and statements are available on the SEC's website at www.sec.gov. Copies may also be obtained from Advanced Energy's investor relations page at ir.advanced-energy.com or by contacting Advanced Energy's investor relations at 970-407-6555. Forward-looking statements are made and based on information available to the company on the date of this press release. Aspirational goals and targets discussed on the conference call or in the presentation materials should not be interpreted in any respect as guidance. The company assumes no obligation to update the information in this press release.

ADVANCED ENERGY INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (in thousands, except per share data)

	Three Months Ended							Six Months Ended			
		June	e 30),	М	larch 31,	June 30,				
		2020		2019		2020		2020		2019	
	Ur	naudited	U	Inaudited	U	naudited	U	naudited	U	naudited	
Sales:											
Product	\$	311,770	\$	106,193	\$	289,361	\$	601,131	\$	218,305	
Service		28,110		28,617		26,095		54,205		57,248	
Total sales		339,880		134,810		315,456		655,336		275,553	
Cost of sales:											
Product		195,535		56,113		191,066		386,601		116,914	
Service	_	14,041	_	14,571		12,159	_	26,200		28,773	
Total cost of sales		209,576		70,684		203,225		412,801		145,687	
Gross profit		130,304	,	64,126	,	112,231	.,	242,535	,	129,866	
		38.3 %	6	47.6 %	%	35.6 9	%	37.0 %	D	47.1 %	
Operating expenses:		05.055		04.040		0.4.770		70.005		40.400	
Research and development		35,855		21,840		34,770		70,625		43,129	
Selling, general and administrative		48,174		27,612		45,991		94,165		56,626	
Amortization of intangible assets		5,009		1,874		5,006		10,015		3,847	
Restructuring expense		5,790		1,795		656		6,446		3,468	
Total operating expenses		94,828	_	53,121	_	86,423		181,251		107,070	
Operating income		35,476		11,005		25,808		61,284		22,796	
Other income (expense), net		(1,587)	_	15,545		(3,510)	_	(5,097)	_	16,288	
Income from continuing operations before income		00.000		00.550		00.000		E0 407		00.004	
taxes		33,889		26,550		22,298		56,187		39,084	
Provision (benefit) for income taxes		4,610	_	3,177		3,900	_	8,510	_	324	
Income from continuing operations, net of income		20.270		00.070		40.000		47.077		20.700	
taxes		29,279		23,373		18,398		47,677		38,760	
Income (loss) from discontinued operations, net of income taxes		(151)		0.224		(220)		(471)		0.215	
Net income		(151) 29,128	_	8,324 31,697		(320) 18,078		47,206		8,315	
		29,120		31,097		10,070		47,200		47,075	
Income from continuing operations attributable to non-controlling interest		(16)		11		15		(1)		19	
Net income attributable to Advanced Energy		(10)	_			13		(1)		19	
Industries, Inc.	\$	29,144	\$	31,686	\$	18,063	\$	47,207	\$	47,056	
muustries, mc.	Ψ	20,144	Ψ	31,000	Ψ	10,000	Ψ	71,201	Ψ	47,000	
Dania waightad ayaraga samman aharas aytatanding		20 204		20 274		20.250		20 226		20.226	
Basic weighted-average common shares outstanding		38,294		38,274		38,358		38,326		38,236	
Diluted weighted-average common shares		20 450		38,462		38,570		38,525		20 112	
outstanding		38,458		30,402		30,370		30,323		38,443	
Earnings per share attributable to Advanced											
Energy Industries, Inc:											
Lifergy maastries, mc.											
Continuing operations:											
Basic earnings per share	\$	0.77	\$	0.61	\$	0.48	\$	1.24	\$	1.01	
Diluted earnings per share	\$	0.76	\$	0.61	\$	0.48	\$	1.24	\$	1.01	
2	Ψ	5.70	Ψ	3.01	Ψ	5.40	Ψ	1.47	Ψ	1.01	
Discontinued operations:											
Basic earnings per share	\$	_	\$	0.22	\$	(0.01)	\$	(0.01)	\$	0.22	
Diluted earnings per share	\$	_	\$	0.22	\$	(0.01)		(0.01)	\$	0.22	
	_		Ť		_	(3.0.7)	_	()	_	J	
Net income:											
Basic earnings per share	\$	0.76	\$	0.83	\$	0.47	\$	1.23	\$	1.23	
Diluted earnings per share	\$	0.76	\$	0.82	\$	0.47	\$	1.23	\$	1.22	

ADVANCED ENERGY INDUSTRIES, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (in thousands)

		June 30, 2020	December 31, 2019		
ASSETS					
Current assets:					
Cash and cash equivalents	\$	380,637	\$	346,441	
Marketable securities		2,729		2,614	
Accounts and other receivable, net		235,613		246,564	
Inventories		260,049		230,019	
Income taxes receivable		4,862		4,245	
Other current assets		45,792		36,855	
Total current assets		929,682		866,738	
Property and equipment, net		107,554		108,109	
Operating lease right-of-use assets		107,774		105,404	
Deposits and other assets		21.776		22.556	
Goodwill and intangibles, net		381,570		386,943	
Deferred income tax assets		45,894		42,656	
Total assets	\$	1,594,250	\$	1,532,406	
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current liabilities:					
Accounts payable	\$	180,415	\$	170,671	
Other accrued expenses		125,843		113,849	
Current portion of debt		17,500		17,500	
Current portion of operating lease liability		19,112		18,312	
Total current liabilities		342,870		320,332	
Long-term debt		313,040		321,527	
Non-current liabilities of continuing operations		219,982		213,287	
Long-term liabilities		533,022		534,814	
Total liabilities		875,892		855,146	
Advanced Energy stockholders' equity		717,813		676,714	
Noncontrolling interest		545		546	
Stockholders' equity		718,358		677,260	
Total liabilities and stockholders' equity	\$	1,594,250	\$	1,532,406	
i otal liabilities and stockholders equity	Ψ	1,004,200	Ψ	1,002,400	

ADVANCED ENERGY INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (in thousands)

	Six Months Ended June 3				
		2020		2019	
CASH FLOWS FROM OPERATING ACTIVITIES:					
Net income	\$	47,206	\$	47,075	
Loss from discontinued operations, net of income taxes		(471)		8,315	
Income from continuing operations, net of income taxes		47,677		38,760	
Adjustments to reconcile net income to net cash provided by operating activities:					
Depreciation and amortization		23,196		8,396	
Stock-based compensation expense		5,885		4,136	
Provision (benefit) for deferred income taxes		(1,439)		4,509	
Gain on sale of central inverter service business		_		(14,804)	
Discount on notes receivable		721		_	
Net loss on disposal of assets		231		90	
Changes in operating assets and liabilities, net of assets acquired		(8,711)		(22,757)	
Net cash provided by operating activities from continuing operations		67,560		18,330	
Net cash used in operating activities from discontinued operations		(586)		(1,914)	
Net cash provided by operating activities		66,974		16,416	
CASH FLOWS FROM INVESTING ACTIVITIES:		,-		,	
Purchases of marketable securities		(167)		_	
Proceeds from sale of property and equipment		69		1,742	
Issuance of notes receivable		(1,000)		(2,800)	
Purchases of property and equipment		(13,391)		(8,866)	
Net cash used in investing activities from continuing operations		(14,489)		(9,924)	
Net cash used in investing activities from discontinued operations		(, ,		(0,02.)	
Net cash used in investing activities	_	(14,489)		(9,924)	
CASH FLOWS FROM FINANCING ACTIVITIES:		(11,100)		(0,021)	
Payments on long-term borrowings		(8,750)			
Purchase and retirement of common stock		(7,248)			
Net payments related to stock-based award activities		(1,392)		(1,042)	
Net cash used in financing activities from continuing operations	_	(17,390)		(1,042)	
Net cash used in financing activities from discontinued operations		(· · , c · c ·)		(:, = :=)	
Net cash used in financing activities	_	(17,390)	_	(1,042)	
EFFECT OF CURRENCY TRANSLATION ON CASH		(899)		(932)	
INCREASE IN CASH AND CASH EQUIVALENTS	_	34,196	_	4,518	
CASH AND CASH EQUIVALENTS, beginning of period		346,441		354,552	
CASH AND CASH EQUIVALENTS, end of period		380,637		359,070	
Less cash and cash equivalents from discontinued operations		500,007 —			
CASH AND CASH EQUIVALENTS FROM CONTINUING OPERATIONS, end of				_	
period	\$	380,637	\$	359,070	
Politon	<u>Ψ</u>	300,007	Ψ	300,010	

ADVANCED ENERGY INDUSTRIES, INC. SUPPLEMENTAL INFORMATION (UNAUDITED) (in thousands)

Net Sales by Product Line	Thr	ree N		Six Months Ended				
	June 30,			March 31,	June 30,),
	2020		2019	2020		2020		2019
Semiconductor Equipment	\$ 145,424	\$	90,058	\$ 133,625	\$	279,049	\$	181,495
Industrial & Medical	70,886		44,752	61,979		132,865		94,058
Data Center Computing	83,316		_	86,183		169,499		_
Telecom & Networking	40,254		_	33,669		73,923		_
Total	\$ 339,880	\$	134,810	\$ 315,456	\$	655,336	\$	275,553

Net Sales by Geographic Region	Thr	ee Months E	Six Months Ended			
	Jun	e 30,	March 31,	Jun	e 30,	
	2020	2019	2020	2020	2019	
North America	\$ 149,760	\$ 61,393	\$ 164,331	\$ 314,091	\$ 119,899	
Asia	170,753	50,962	110,975	281,728	109,397	
Europe	19,048	22,092	39,136	58,184	45,518	
Other Countries	319	363	1,014	1,333	739	
Total	\$ 339,880	\$ 134,810	\$ 315,456	\$ 655,336	\$ 275,553	

ADVANCED ENERGY INDUSTRIES, INC. SELECTED OTHER DATA (UNAUDITED) (in thousands)

Reconciliation of Non-GAAP measure - operating expenses and operating income, excluding contain items

excluding certain items		Thre	e Mon	ths E	Six Months Ended						
	· ·	June	30,		M	arch 31,		June 30,			
	2	2020 2019 2020		2020		2020		2019			
Gross profit from continuing operations, as											
reported	\$ 13	30,304	\$ 64,	126	\$	112,231	\$	242,535	\$	129,866	
Adjustments to gross profit:											
Stock-based compensation		156		55		222		378		288	
Facility expansion, relocation costs and other		970		150		1,543		2,513		320	
Acquisition-related costs		215				5,141		5,356		_	
Non-GAAP gross profit	1;	31,645	64,	331		119,137		250,782		130,474	
Non-GAAP gross margin		38.7%	47	.7%		37.8%		38.3%		47.3%	
Operating expenses from continuing											
operations, as reported	,	94,828	53,	121		86,423		181,251		107,070	
Adjustments:											
Amortization of intangible assets		(5,009)	(1,	874)		(5,006)		(10,015)		(3,847)	
Stock-based compensation		(2,681)	(883)		(2,826)		(5,507)		(3,848)	
Acquisition-related costs		(2,978)	(1,	531)		(2,405)		(5,383)		(3,042)	
Facility expansion, relocation costs and other		(539)		—		(816)		(1,355)		(74)	
Restructuring charges		(5,790)	(1,	795)		(656)		(6,446)		(3,468)	
Non-GAAP operating expenses	•	77,831	47,	038		74,714		152,545		92,791	
Non-GAAP operating income	\$	53,814	\$ 17,	293	\$	44,423	\$	98,237	\$	37,683	
Non-GAAP operating margin		15.8%	12	.8%		14.1%		15.0%		13.7%	

Reconciliat	tion	of N	lon	-(βA	ΑP	measure -	

income excluding certain items	The	ree Months E	Six Months Ended			
Q	Jun	e 30,	March 31,	Jun	e 30,	
	2020	2019	2020	2020	2019	
Income from continuing operations, less						
noncontrolling interest, net of income taxes	\$ 29,295	\$ 23,362	\$ 18,383	\$ 47,678	\$ 38,741	
Adjustments:						
Amortization of intangible assets	5,009	1,874	5,006	10,015	3,847	
Acquisition-related costs	3,193	1,531	7,546	10,739	3,042	
Facility expansion, relocation costs and other	1,509	150	2,359	3,868	394	
Restructuring charges	5,790	1,795	656	6,446	3,468	
Unrealized foreign currency (gain) loss	1,058	_	_	1,058	_	
Central inverter services business sale	_	(14,804)	_	_	(14,804)	
Tax effect of Non-GAAP adjustments	(2,595)	2,536	(1,370)	(3,965)	1,685	
Non-GAAP income, net of income taxes,						
excluding stock-based compensation	43,259	16,444	32,580	75,839	36,373	
Stock-based compensation, net of taxes	2,170	722	2,363	4,533	3,185	
Non-GAAP income, net of income taxes	\$ 45,429	\$ 17,166	\$ 34,943	\$ 80,372	\$ 39,558	

Reconciliation of Non-GAAP measure - per share earnings excluding certain items		Three Months Ended					Six Months Ended				
		June 30, March 3					June 30,				
	- 2	2020		2019		2020		2020	:	2019	
Diluted earnings per share from continuing					'						
operations, as reported	\$	0.76	\$	0.61	\$	0.48	\$	1.24	\$	1.01	
Add back (subtract):											
Per share impact of Non-GAAP adjustments, net of											
tax		0.42		(0.16)		0.43		0.85		0.02	
Non-GAAP per share earnings	\$	1.18	\$	0.45	\$	0.91	\$	2.09	\$	1.03	

Reconciliation of Q3 2020 Guidance					
	Lo	w End	High End		
Revenue	\$325	million	\$375 million		
Reconciliation of Non-GAAP earnings per share					
GAAP earnings per share	\$	0.63	\$	1.13	
Stock-based compensation		0.09		0.09	
Amortization of intangible assets		0.13		0.13	
Restructuring and other		0.09		0.09	
Tax effects of excluded items		(0.04)		(0.04)	
Non-GAAP earnings per share	\$	0.90	\$	1.40	