#### 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 October 28, 2009 (Date of earliest event reported)

Commission File Number 0-16211

# DENTSPLY INTERNATIONAL INC

(Exact name of registrant as specified in its charter)

Delaware (State of Incorporation) 39-1434669 (IRS Employer Identification No.)

221 West Philadelphia Street, York, Pennsylvania (Address of principal executive offices)

17405-0872 (Zip Code)

Registrant's telephone number, including area code: (717) 845-7511

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

\_\_\_\_\_ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

#### Item 2.02. - Results of Operations and Financial Condition

The following information is furnished pursuant to Item 2.02, "Results of Operations and Financial Condition."

On October 28, 2009, the Company issued a press release disclosing its third quarter 2009 sales and earnings. This earnings release references net sales, excluding precious metal content, and net income, excluding certain unusual items, both of which could be considered measures not calculated in accordance with generally accepted accounting principles (non-GAAP measures). Due to the fluctuations of precious metal prices and because the precious metal content of the Company's sales is largely a pass-through to customers and has minimal effect on earnings, the Company reports sales both with and without precious metal content to show the Company's performance independent of precious metal price volatility and to enhance comparability of performance between periods. Earnings from continuing operations, excluding certain unusual items, is presented to enhance the comparability between periods. A copy of the Company's press release is attached hereto as Exhibit (99.1) and is hereby incorporated by reference.

Item 9.01. Financial Statements and Exhibits

(a) Financial Statements - Not applicable.

(b) Exhibits:

99.1 The Dentsply International Inc. Third Quarter 2009 earnings release issued October 28, 2009 as referenced in Item 2.02.

### SIGNATURE

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

DENTSPLY INTERNATIONAL INC (Company)

/s/ William R. Jellison William R. Jellison Senior Vice President and Chief Financial Officer

Date: October 28, 2009

#### NEWS

For Further Information Contact:

William R. Jellison Senior Vice President and Chief Financial Officer (717) 849-4243

# FOR IMMEDIATE RELEASE

# DENTSPLY International Inc. Reports Third Quarter 2009 Sales and Earnings

**York, PA – October 28, 2009 --** DENTSPLY International Inc. (NASDAQ–XRAY) today announced sales and earnings for the three months ended September 30, 2009. Net sales in the third quarter of 2009 increased 0.2% to \$531.0 million compared to \$530.0 million reported for the third quarter of 2008. Net sales, without precious metal content, increased 1.1% to \$493.6 million in the third quarter of 2009. The change in net sales, excluding precious metal content, was driven by an increase of 2.5% in constant currency including acquisitions, partially offset by currency translation, which reduced sales by 1.4% in the period.

Net income for the third quarter of 2009 was \$67.5 million, or \$0.45 per diluted share, compared to \$0.44 per diluted share in the third quarter of 2008. Net income in the third quarter of 2009 included the net of tax impact of restructuring and other costs of \$0.8 million, a net of tax impact for recent acquisition-related activities of \$0.1 million and a net benefit for income tax-related adjustments of \$2.6 million, which in aggregate increased earnings per share on a net basis by \$0.01 per diluted share. The third quarter of 2008 included an \$11.4 million net of tax charge for restructuring and other costs, and a net benefit for income tax-related adjustments of \$8.2 million, which combined, reduced earnings per share on a net basis by \$0.02 per diluted share. For a reconciliation of GAAP and non-GAAP measures, see the attached table.

"We are pleased to report solid sales and earnings performance for the quarter, as well as excellent cash flow generation, despite the continuing macroeconomic challenges impacting the global dental market" said Bret W. Wise, Chairman and CEO. "The global dental market appears to be in the early stages of a recovery, although it is likely to be gradual and vary across geographic regions and product categories. Given the current market conditions, we are tightening the range of our full year earnings guidance to \$1.81 to \$1.86 per diluted share, measured on a non-GAAP basis."

#### ADDITIONAL INFORMATION

A conference call has been scheduled for Thursday, October 29, 2009 at 8:30 AM Eastern Time. A live broadcast is available through Shareholder.com by accessing DENTSPLY's website at www.dentsply.com. In order to participate in the call, dial (888) 811-5436 (for domestic calls) and (913) 312-1381 (for international calls). The Conference ID # is 9055234. At that time, you will be able to discuss the third quarter earnings with DENTSPLY's Chairman and Chief Executive Officer, Mr. Bret Wise; President and Chief Operating Officer, Mr. Chris Clark; and Senior Vice President and Chief Financial Officer, Mr. William Jellison.

A rebroadcast of the conference call will be available to the public on-line at the DENTSPLY website www.dentsply.com. You may also access a dial-in replay for one week following the call at (888) 203-1112 (for domestic calls) or (719) 457-0820 (for international calls), Passcode # 9055234. DENTSPLY designs, develops, manufactures and markets a broad range of products for the dental market. The Company believes that it is the world's leading manufacturer and distributor of dental prosthetics, precious metal dental alloys, dental ceramics, endodontic instruments and materials, prophylaxis paste, dental sealants, ultrasonic scalers, and crown and bridge materials; the leading United States manufacturer and distributor of dental handpieces, dental x-ray film holders, film mounts and bone substitute/grafting materials; and a leading worldwide manufacturer or distributor of dental implants, impression materials, orthodontic appliances, dental cutting instruments, infection control products, and dental injectable anesthetics. The Company distributes its dental products in over 120 countries under some of the most well-established brand names in the industry.

DENTSPLY is committed to the development of innovative, high quality, cost-effective new products for the dental market.

This press release contains forward-looking information (within the meaning of the Private Securities Litigation Reform Act of 1995) regarding future events or the future financial performance of the Company that involve substantial risks and uncertainties. Actual events or results may differ materially from those in the projections or other forward-looking information set forth herein as a result of certain risk factors. These risk factors include, without limitation; the continued strength of dental markets, the timing, success and market reception for our new and existing products, uncertainty with respect to governmental actions with respect to dental products, outcome of litigation, continued support of our products by influential dental professionals, and changes in the general economic environment that could affect our business. Changes in such assumptions or factors could produce significantly different results. For an additional description of risk factors, please refer to the Company's Annual Report on Form 10-K and its subsequent periodic reports on Forms 10-Q filed with the Securities and Exchange Commission.

### NON-GAAP FINANCIAL MEASURES

In addition to the results reported in accordance with accounting principles generally accepted in the United States ("GAAP"), the Company provided adjusted operating income, adjusted net income and adjusted earnings per diluted share. These adjusted amounts consist of GAAP amounts excluding (1) restructuring and other costs, (2) acquisition-related charges and (3) income tax-related adjustments. Adjusted earnings per diluted share are calculated by dividing adjusted net income by diluted weighted-average shares outstanding. The Company also provided an operational tax rate, which is the Company's effective tax rate, a GAAP measure, adjusted for certain one-time charges. Adjusted operating income, adjusted net income, adjusted earnings per diluted share and operating tax rate are considered measures not calculated in accordance with GAAP, and therefore are non-GAAP measures. These non-GAAP measures may differ from other companies.

The Company believes that the presentation of adjusted operating income, adjusted net income, adjusted earnings per diluted share and operating tax rate provides important supplemental information to management and investors seeking to understand the Company's financial condition and results of operations. The non-GAAP financial information should not be considered in isolation from, or as a substitute for, measures of financial performance prepared in accordance with GAAP.

#### DENTSPLY INTERNATIONAL INC. CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS EXCEPT PER SHARE DATA)

		MONTHS EN TEMBER 30,				THS ENDED MBER 30,	
—	2009		2008		2009		2008
NET SALES	\$ 531,032	\$	529,953	\$	1,591,197		1,685,582
NET SALES - Ex Precious Metal Content	493,646		488,086		1,471,207		1,526,607
COST OF PRODUCTS SOLD	258,051		249,770	-	764,276		804,670
GROSS PROFIT	272,981		280,183		826,921		880,912
% OF NET SALES	51.4%		52.9%		52.0%		52.3%
% OF NET SALES - Ex Precious Metal Content	55.3%		57.4%		56.2%		57.7%
SELLING, GENERAL & ADMINISTRATIVE EXPENSES	178,841		180,729		543,207		565,599
RESTRUCTURING, IMPAIRMENTS AND OTHER COSTS	1,210		18,539	-	5,905	_	20,202
INCOME FROM OPERATIONS	92,930		80,915		277,809		295,111
% OF NET SALES	17.5%		15.3%		17.5%		17.5%
% OF NET SALES - Ex Precious Metal Content	18.8%		16.6%		18.9%		19.3%
NET INTEREST AND OTHER NON OPERATING	G 5,078		5,645	_	13,877		14,973
PRE-TAX INCOME	87,852		75,270		263,932		280,138
INCOME TAXES	19,999		9,204	-	65,570	_	67,219
	\$ 67,853	\$	66,066	\$	198,362	\$	212,919
% OF NET SALES	12.8%		12.5%		12.5%		12.6%
% OF NET SALES - Ex Precious Metal Content	13.7%		13.5%		13.5%		13.9%
LESS: NET INCOME (LOSS) ATTRIBUTABLE							
TO THE NON-CONTROLLING INTERESTS	370		19	_	(1,062)		45
NET INCOME ATTRIBUTABLE TO DENTSPLY INTERNATIONAL	\$67,483	\$	66,047	\$ =	199,424	\$	212,874
% OF NET SALES	12.7%		12.5%		12.5%		12.6%
% OF NET SALES - Ex Precious Metal Content	13.7%		13.5%		13.6%		13.9%
EARNINGS PER SHARE							
	\$ 0.45	\$	0.44	\$	1.34	\$	1.43
-DILUTIVE	\$ 0.45	\$	0.44	\$	1.33	\$	1.40
DIVIDENDS PER SHARE	\$ 0.050	\$	0.045	\$	0.150	\$	0.135
WEIGHTED AVERAGE NUMBER OF COMMON SHARES OUTSTANDING -BASIC	148,547		148,775		148,546		149,186
-DILUTIVE	150,638		151,697		150,077		152,137

# DENTSPLY INTERNATIONAL INC. CONDENSED BALANCE SHEETS (IN THOUSANDS)

SEPTEMBER 30,	DECEMBER 31,
2009	2008

CURRENT ASSETS:

CASH AND CASH EQUIVALENTS	\$ 333,368	\$ 203,991
SHORT TERM INVESTMENTS	37	258
ACCOUNTS AND NOTES RECEIVABLE-TRADE, NET	356,976	319,260
INVENTORIES, NET	311,666	306,125
OTHER CURRENT ASSETS	 125,056	 120,228
TOTAL CURRENT ASSETS	1,127,103	949,862
DEODEDTY DI ANTE AND EQUIDMENTE MET	145 205	422.276
PROPERTY, PLANT AND EQUIPMENT, NET	445,365	432,276
IDENTIFIABLE INTANGIBLE ASSETS, NET	119,344	103,718
GOODWILL, NET	1,308,824	1,277,026
OTHER NONCURRENT ASSETS, NET	 66,473	 67,518
TOTAL ASSETS	\$ 3,067,109	\$ 2,830,400
LIABILITIES AND STOCKHOLDERS' EQUITY:		
CURRENT LIABILITIES	\$ 603,652	\$ 359,962
LONG-TERM DEBT	154,842	423,679
DEFERRED INCOME TAXES	77,838	69,049
OTHER LIABILITIES	 328,326	 318,297
TOTAL LIABILITIES	1,164,658	1,170,987
STOCKHOLDERS' EQUITY	1,827,255	1,587,722
NON-CONTROLLING INTERESTS	75,196	71,691
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 3,067,109	\$ 2,830,400

#### (IN THOUSANDS EXCEPT PER SHARE DATA)

### **Operating Income Summary:**

The following tables present the reconciliation of reported GAAP operating income in total and on a percentage of net sales, excluding precious metal content basis to the non-GAAP financial measures.

#### Three Months Ended September 30, 2009

Three Months Ended September 30, 2009	Operating Income (Expense)		Percentage of Net Sales, Ex Precious Metal Content		
Income from Operations	\$	92,930	18.8%		
Restructuring, Impairments and Other Costs		1,210	0.3%		
Recent Acquisition-Related Activities	_	243	0.0%		
Adjusted Non-GAAP Operating Earnings	\$	94,383	19.1%		

#### Three Months Ended September 30, 2008 Percentage of Net Sales, Operating **Ex Precious Metal** Income Content (Expense) Income from Operations \$ 80,915 16.6% 18,539 3.8% Restructuring, Impairments and Other Costs **Adjusted Non-GAAP Operating Earnings** 99,454 20.4% \$

### (IN THOUSANDS EXCEPT PER SHARE DATA)

### **Earnings Summary:**

The following tables present the reconciliation of reported GAAP net income in total and on a per share basis to the non-GAAP financial measures.

### Three Months Ended September 30, 2009

	(	Income (Expense)	 Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	67,483	\$ 0.45
Restructuring, Impairment and Other Costs, Net of Tax and Non-Controlling Interests		843	0.01
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests		131	0.00
Income Tax-Related Adjustments		(2,570)	 (0.02)
Adjusted Non-GAAP Earnings	\$	65,887	\$ 0.44

### Three Months Ended September 30, 2008

	Income (Expense)		 Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	66,047	\$ 0.44
Restructuring and Other Costs, Net of Tax and Non-Controlling Interests		11,398	0.07
Income Tax-Related Adjustments		(8,169)	 (0.05)
Adjusted Non-GAAP Earnings	\$	69,276	\$ 0.46

# (IN THOUSANDS EXCEPT PER SHARE DATA)

### **Operating Income Summary:**

The following tables present the reconciliation of reported GAAP operating income in total and on a percentage of net sales, excluding precious metal content basis to the non-GAAP financial measures.

### Nine Months Ended September 30, 2009

Nine Months Ended September 30, 2009	Operating Income (Expense)		Percentage of Net Sales, Ex Precious Metal Content	
Income from Operations	\$	277,809	18.9%	
Restructuring, Impairments and Other Costs		5,905	0.4%	
Recent Acquisition-Related Activities		4,020	0.3%	
Adjusted Non-GAAP Operating Earnings	\$	287,734	19.6%	

Nine Months Ended September 30, 2008	
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Nine Months Ended September 30, 2008	Operating Income (Expense)		Percentage of Net Sales, Ex Precious Metal Content	
Income from Operations	\$	295,111	19.3%	
Restructuring, Impairments and Other Costs		20,202	1.4%	
Adjusted Non-GAAP Operating Earnings	\$	315,313	20.7%	

# (IN THOUSANDS EXCEPT PER SHARE DATA)

### **Earnings Summary:**

The following tables present the reconciliation of reported GAAP net income in total and on a per share basis to the non-GAAP financial measures.

### Nine Months Ended September 30, 2009

	Income (Expense)		 Diluted Per Share	
Net Income Attributable to DENTSPLY International	\$	199,424	\$ 1.33	
Restructuring, Impairment and Other Costs, Net of Tax and Non-Controlling Interests		1,770	0.01	
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests		4,024	0.02	
Income Tax-Related Adjustments		(2,076)	 (0.01)	
Adjusted Non-GAAP Earnings	\$	203,142	\$ 1.35	

### Nine Months Ended September 30, 2008

	Income (Expense)	-	Diluted Per Share
Net Income Attributable to DENTSPLY International	\$ 212,874	\$	1.40
Restructuring, Impairment and Other Costs, Net of Tax and Non-Controlling Interests	12,432		0.08
Non-performance Risk Adjustments on Derivatives	(1,129)		(0.01)
Income Tax-Related Adjustments	(6,513)	-	(0.04)
Adjusted Non-GAAP Earnings	\$ 217,664	\$	1.43

# (IN THOUSANDS)

# **Operating Tax Rate Summary:**

The following tables present the reconciliation of reported GAAP effective tax rate as a percentage of pre-tax income to the non-GAAP financial measure.

# Three Months Ended September 30, 2009

	-	Pre-tax Income	_	Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	87,852	\$	(19,999)	22.8%
Restructuring, Impairment and Other Costs		1,210		(492)	
Recent Acquisition-Related Activities		243		(24)	
Income Tax-Related Adjustments	_		-	(2,570)	
As Adjusted - Non-GAAP Operating Results	\$	89,305	\$	(23,085)	25.8%

Three Months Ended September 30, 2008	-	Pre-tax Income	_	Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	75,270	\$	(9,204)	12.2%
Restructuring, Impairment and Other Costs		18,539		(7,141)	
Income Tax-Related Adjustments	_		_	(8,169)	
As Adjusted - Non-GAAP Operating Results	\$	93,809	\$	(24,514)	26.1%

# (IN THOUSANDS)

# **Operating Tax Rate Summary:**

The following tables present the reconciliation of reported GAAP effective tax rate as a percentage of pre-tax income to the non-GAAP financial measure.

# Nine Months Ended September 30, 2009

	_	Pre-tax Income	-	Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	263,932	\$	(65,570)	24.8%
Restructuring, Impairment and Other Costs		5,905		(2,006)	
Recent Acquisition-Related Activities		4,020		(1,070)	
Income Tax-Related Adjustments			-	(2,076)	
As Adjusted - Non-GAAP Operating Results	\$	273,857	\$	(70,722)	25.8%

Nine Months Ended September 30, 2008	_	Pre-tax Income	. <u>-</u>	Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	280,138	\$	(67,219)	24.0%
Restructuring, Impairment and Other Costs		20,202		(7,770)	
Non-performance Risk Adjustments on Derivatives		(1,839)		710	
Income Tax-Related Adjustments	_		. <u>-</u>	(6,513)	
As Adjusted - Non-GAAP Operating Results	\$	298,501	\$	(80,792)	27.1%