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 February 10, 2010 (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

(11)0107011
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 February 10, 2010, the Company issued a press release disclosing its fourth quarter and full year 2009 net sales and earnings. This earnings release references net sales, excluding precious metal content, and net income attributable to DENTSPLY International, excluding certain 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 net sales both including and excluding 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 operations, excluding certain 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. Fourth Quarter 2009 earnings release issued February 10, 2010 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: February 10, 2010

DENTSPLY International

World Headquarters Susquehanna Commerce Center 221 West Philadelphia Street York, PA 17405-0872 (717) 849-4273 Fax (717) 849-4760

NEWS

FOR IMMEDIATE RELEASE

For Further Information Contact:

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

DENTSPLY INTERNATIONAL INC. REPORTS FOURTH QUARTER AND FULL YEAR RESULTS

- Fourth quarter net sales increased 11.9% or 11.3%, excluding precious metal content
- Non-GAAP earnings per share increased 6.7% to \$0.48, a record for the fourth quarter
- Full year operating cash flow increased 7.9% to \$362 million

York, PA - February 10, 2010 - DENTSPLY International Inc. (NASDAQ-XRAY) today announced sales and earnings for the three months and year ended December 31, 2009.

Fourth Quarter Results

Net sales in the fourth quarter of 2009 increased 11.9% to \$568.7 million, compared to \$508.1 million reported in the fourth quarter of 2008. Net sales, excluding precious metal content, increased 11.3% in the fourth quarter of 2009 over the same period in 2008. Net sales, excluding precious metal content, were favorably impacted by positive internal growth, acquisitions and the benefit of a weakening U.S. dollar during the quarter when compared to the same period last year. Net sales, excluding precious metal content, of dental consumable products and dental specialty products experienced positive internal growth in the period.

Net income attributable to DENTSPLY International for the fourth quarter of 2009 was \$74.8 million, or \$0.50 per diluted share, compared to \$71.0 million, or \$0.47 per diluted share, in the fourth quarter of 2008. Net income attributable to DENTSPLY International in the fourth quarter of each of 2009 and 2008 included positive tax adjustments and charges for restructuring, impairments and other related items that on a net basis increased diluted earnings per share by \$.02.

Adjusted earnings (excluding tax adjustments, acquisition related activity, and restructuring, impairments and other related items), which constitute a non-GAAP measure, were \$72.6 million, or \$0.48 per diluted share, in the fourth quarter of 2008, or an increase in earnings per diluted share of 6.7% for the quarter. A reconciliation of this non-GAAP measure to earnings per share on a GAAP basis is provided in the attached table.

Bret Wise, Chairman and Chief Executive Officer, said, "We are pleased to report stronger sales and earnings for the fourth quarter, as we are beginning to see the initial signs of recovery in select markets and regions. Despite a difficult market environment in 2009, we are encouraged by the quarter's record earnings along with strong results in sales and cash flow generation."

Full Year Results

Net sales for the full year were \$2,159.9 million in 2009, compared to \$2,193.7 million in 2008. Net sales, excluding precious metal content, were \$1,991.2 million essentially the same as in 2008. Net sales, excluding precious metal content, in constant currency increased 2.3% in 2009, including acquisitions. The Company reported positive constant currency growth for the dental specialty products and the dental consumable products for all of 2009.

Net income attributable to DENTSPLY International for 2009 was \$274.3 million, or \$1.83 per diluted share, compared to \$283.9 million, or \$1.87 per diluted share in 2008. Net income for the full year of 2008 and 2009 included positive tax adjustments, charges for restructuring, impairments and other related items, and 2008 also included a gain upon the adoption of the provisions for fair value measurement that, on a net basis, reduced earnings per diluted share by \$0.01 for each year.

For comparability analysis, net income attributable to DENTSPLY International on a non-GAAP basis was \$275.7 million or \$1.84 per diluted share for 2009. This compares with \$285.5 million, or \$1.88 per diluted share, in 2008, a reduction of 2.1%. A reconciliation of this non-GAAP measure to earnings per share on a GAAP basis is provided in the attached table.

2009 Results and 2010 Outlook

Bret Wise stated, "As we enter 2010, we are encouraged by the initial signs of improvement in select markets, and anticipate that the global dental market will experience a modest gradual recovery during the year. This expectation, along with the product and geographic balance reflected in our business, has given us the confidence to make additional strategic growth investments, allowing us to build on our momentum in key product areas. Given these developments, as well as the highly volatile currency markets, we believe that we will return to earnings growth this year and are initiating our guidance in the range of \$1.90 to \$2.00 per diluted share."

ADDITIONAL INFORMATION

A conference call has been scheduled for Thursday, February 11, 2010, at 8:30 a.m. Eastern Time. A live broadcast is available through Shareholder.com by accessing DENTSPLY's website at www.dentsply.com. The Conference ID # is 3784858. If you would like to participate in this call, dial (800)533-7954 (for domestic calls) or (785)830-1924 (for international calls). An online rebroadcast will be available to the public following the call at the DENTSPLY website: www.dentsply.com. A replay will also be available for one week following the conference call at (888)203-1112 (for domestic calls) and (719)457-0820 (for international calls), Passcode # 3784858.

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 attributable to DENTSPLY International and adjusted earnings per diluted share. These adjusted amounts consist of GAAP amounts excluding (1) restructuring, impairments and other costs, (2) acquisition-related charges, (3) adoption of certain new accounting standards, and (4) income tax-related adjustments. Adjusted earnings per diluted share are calculated by dividing adjusted net income attributable to DENTSPLY International 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 attributable to DENTSPLY International, adjusted earnings per diluted share and operational 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 attributable to DENTSPLY International, adjusted earnings per diluted share and operational 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.

CONSOLIDATED STATEMENTS OF OPERATIONS

(IN THOUSANDS EXCEPT PER SHARE DATA)

THREE MONTHS ENDED

TWELVE MONTHS ENDED

NET SALES - Ex Precious Metal Content 519,997 467,194 1,991,204 1,5 COST OF PRODUCTS SOLD 284,336 237,109 1,048,612 1,0	08 193,723 993,800 041,779 151,944 52.5% 57.8%
NET SALES - Ex Precious Metal Content 519,997 467,194 1,991,204 1,5 COST OF PRODUCTS SOLD 284,336 237,109 1,048,612 1,0	993,800 041,779 151,944 52.5% 57.8%
NET SALES - Ex Precious Metal Content 519,997 467,194 1,991,204 1,5 COST OF PRODUCTS SOLD 284,336 237,109 1,048,612 1,0	993,800 041,779 151,944 52.5% 57.8%
COST OF PRODUCTS SOLD 284,336 237,109 1,048,612 1,048,612	041,779 151,944 52.5% 57.8%
	151,944 52.5% 57.8%
GROSS PROFIT 284,383 271,032 1,111,304 1,1	52.5% 57.8%
	57.8%
% OF NET SALES 50.0% 53.3% 51.5%	
% OF NET SALES - Ex Precious Metal Content 54.7% 58.0% 55.8%	739,168
SELLING, GENERAL & ADMINISTRATIVE	739,168
RESTRUCTURING, IMPAIRMENTS AND OTHER COSTS 985 12,153 6,890	32,355
INCOME FROM OPERATIONS 103,378 85,310 381,187 3	380,421
% OF NET SALES 18.2% 16.8% 17.6%	17.3%
% OF NET SALES - Ex Precious Metal Content 19.9% 18.3% 19.1%	19.1%
NET INTEREST AND OTHER NON OPERATING EXPENSE 3,954 10,576 17,831	25,548
	354,873
INCOME TAXES 23,374 4,383 88,944	71,603
NET INCOME \$ 76,050 \$ 70,351 \$ 274,412 \$ 2	283,270
% OF NET SALES 13.4% 13.8% 12.7%	12.9%
% OF NET SALES - Ex Precious Metal Content 14.6% 15.1% 13.8%	14.2%
LESS: NET INCOME (LOSS) ATTRIBUTABLE TO NONCONTROLLING INTERESTS 1,216 (644) 154	(599)
NET INCOME ATTRIBUTABLE TO DENTSPLY	
INTERNATIONAL \$ 74,834 \$ 70,995 \$ 274,258 \$ 2	283,869
EARNINGS PER SHARE	
-BASIC \$ 0.51 \$ 0.48 \$ 1.85 \$	1.90
-DILUTIVE \$ 0.50 \$ 0.47 \$ 1.83 \$	1.87
DIVIDENDS PER SHARE \$ 0.050 \$ 0.200 \$	0.185
WEIGHTED AVERAGE NUMBER OF COMMON SHARES OUTSTANDING	
-BASIC 147,648 148,720 148,319	149,069
-DILUTIVE 150,218 150,234 150,102	151,679

DENTSPLY INTERNATIONAL INC. CONSOLIDATED BALANCE SHEETS (IN THOUSANDS)

		DECEMBER 31, 2009		DECEMBER 31, 2008
ASSETS	_		_	
CURRENT ASSETS:				
CASH AND CASH EQUIVALENTS	\$	450,348	\$	203,991
SHORT TERM INVESTMENTS		37		258
ACCOUNTS AND NOTES RECEIVABLE-TRADE, NET		348,684		319,260
INVENTORIES, NET		291,640		306,125
OTHER CURRENT ASSETS	_	127,087	_	120,228
TOTAL CURRENT ASSETS		1,217,796		949,862
PROPERTY, PLANT AND EQUIPMENT, NET		439,619		432,276
IDENTIFIABLE INTANGIBLE ASSETS, NET		89,086		103,718
GOODWILL, NET		1,312,596		1,277,026
OTHER NONCURRENT ASSETS, NET	-	28,835	-	67,518
TOTAL ASSETS	\$ <u>_</u>	3,087,932	\$ _	2,830,400
LIABILITIES AND EQUITY:				
CURRENT LIABILITIES	\$	444,556	\$	359,962
LONG-TERM DEBT		387,151		423,679
DEFERRED INCOME TAXES		72,524		69,049
OTHER NONCURRENT LIABILITIES	_	276,743	_	318,297
TOTAL LIABILITIES		1,180,974		1,170,987
EQUITY		1,832,105		1,587,722
NONCONTROLLING INTERESTS	-	74,853	_	71,691
TOTAL LIABILITIES AND EQUITY	\$ _	3,087,932	\$ _	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 December 31, 2009	_	Operating Income (Expense)	Percentage of Net Sales, Ex Precious Metal Content
Income from Operations	\$	103,378	19.9%
Restructuring, Impairments and Other Costs		985	0.2%
Recent Acquisition-Related Activities	-	115	0.0%
Adjusted Non-GAAP Operating Earnings	\$ <u>_</u>	104,478	20.1%
Three Months Ended December 31, 2008	_	Operating Income (Expense)	Percentage of Net Sales, Ex Precious Metal Content
Income from Operations	\$	85,310	18.3%
Restructuring, Impairments and Other Costs		9,867	2.1%
In-process Research & Development from Acquisitions	_	2,286	0.5%
Adjusted Non-GAAP Operating Earnings	\$ _	97,463	20.9%

(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 December 31, 2009

Three Months Ended December 31, 2009	Income (Expense)		Diluted Per Share		
Net Income Attributable to DENTSPLY International	\$	74,834	\$	0.50	
Restructuring, Impairments and Other Costs, Net of Tax and Non-Controlling Interests		1,051		0.00	
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests		60		0.00	
Income Tax Related Adjustments		(3,348)		(0.02)	
Adjusted Non-GAAP Earnings	\$	72,597	\$	0.48	
Three Months Ended December 31, 2008		Income (Expense)		Diluted Per Share	
Net Income Attributable to DENTSPLY International	\$	70,995	\$	0.47	
Restructuring, Impairments and Other Costs, Net of Tax and Non-Controlling Interests		6,344		0.04	
In-process Research & Development from Acquisitions, Net of Tax and Non-Controlling Interests		994		0.01	
Income Tax Related Adjustments		(10,541)		(0.07)	
Adjusted Non-GAAP Earnings	\$	67,792	\$	0.45	

(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 December 31, 2009

Tarte Mondo Elated Detelling 53, 2000	_	Pre-tax Income	_	Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	99,424	\$	(23,374)	23.5%
Restructuring, Impairments and Other Costs		985		(262)	
Recent Acquisition-Related Activities		115		(15)	
Income Tax Related Adjustments	_		=	(3,348)	
As Adjusted - Non-GAAP Operating Results	\$ <u>_</u>	100,524	\$ _	(26,999)	26.9%
Three Months Ended December 31, 2008	_	Pre-tax Income	_	Income Taxes	Percentage of Pre-tax Income
Three Months Ended December 31, 2008 As Reported - GAAP Operating Results	\$		\$		of Pre-tax
ŕ	\$	Income	\$	Taxes	of Pre-tax Income
As Reported - GAAP Operating Results	\$	Income 74,734	\$	(4,383)	of Pre-tax Income
As Reported - GAAP Operating Results Restructuring, Impairments and Other Costs	\$	74,734 10,530	\$	(4,383) (3,524)	of Pre-tax Income

(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.

Twelve Months Ended December 31, 2009		Operating Income (Expense)	Percentage of Net Sales, Ex Precious Metal Content
Income from Operations	\$	381,187	19.1%
Restructuring, Impairments and Other Costs		6,890	0.3%
Recent Acquisition-Related Activities	_	4,134	0.3%
Adjusted Non-GAAP Operating Earnings	\$ _	392,211	19.7%
Twelve Months Ended December 31, 2008	_	Operating Income (Expense)	Percentage of Net Sales, Ex Precious Metal Content
Twelve Months Ended December 31, 2008 Income from Operations	\$	Income	of Net Sales, Ex Precious
	<u>-</u> \$	Income (Expense)	of Net Sales, Ex Precious Metal Content
Income from Operations	\$	Income (Expense)	of Net Sales, Ex Precious Metal Content

(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.

Twelve Months Ended December 31, 2009

Twelve Molius Elided December 31, 2009	_	Income (Expense)	_	Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	274,258	\$	1.83
Restructuring, Impairments and Other Costs, Net of Tax and Non-Controlling Interests		5,075		0.03
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests		1,830		0.01
Income Tax Related Adjustments	_	(5,423)	_	(0.03)
Adjusted Non-GAAP Earnings	\$ _	275,740	\$ _	1.84
Twelve Months Ended December 31, 2008	_	Income (Expense)	_	Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	283,869	\$	1.87
Provisions for Fair Value Measurement, Net of Tax and Non-Controlling Interests		(1,129)		(0.01)
Restructuring, Impairments and Other Costs, Net of Tax and Non-Controlling Interests		18,776		0.12
In-process Research & Development from Acquisitions, Net of Tax and Non-Controlling Interests		994		0.01
Income Tax Related Adjustments	_	(17,055)	_	(0.11)
Adjusted Non-GAAP Earnings	\$ _	285,455	\$ _	1.88

(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 operational tax rate.

Twelve Months Ended December 31, 2009	P	Pre-tax Income		Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	363,356	\$	(88,944)	24.5%
Restructuring, Impairments and Other Costs		6,890		(2,268)	
Recent Acquisition-Related Activities		4,135		(1,085)	
Income Tax Related Adjustments			-	(5,423)	
As Adjusted - Non-GAAP Operating Results	\$	374,381	\$	(97,720)	26.1%
Twelve Months Ended December 31, 2008	<u> </u>	re-tax Income		Income Taxes	Percentage of Pre-tax Income
As Reported - GAAP Operating Results	\$	354,873	\$	(54.600)	
		/	Ф	(71,603)	20.2%
Provisions for Fair Value Measurement		(1,839)	Ф	(71,603) 710	20.2%
Provisions for Fair Value Measurement Restructuring, Impairments and Other Costs			J	, ,	20.2%
		(1,839)	J	710	20.2%
Restructuring, Impairments and Other Costs	_	(1,839)	φ -	710 (11,294)	20.2%