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 April 30, 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 provision	e 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 s:
Wı	ritten communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
So	liciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre	e-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre	e-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 April 30, 2009, the Company issued a press release disclosing its first quarter 2009 sales and earnings. This earnings release references net sales, excluding precious metal content, net income, excluding certain unusual items, and an effective tax rate, excluding certain unusual items, all 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, and the effective tax rate, excluding certain unusual items are 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. First Quarter 2009 earnings release issued April 30, 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: April 30, 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 2009 First Quarter Results

York, PA – April 30, 2009 -- **DENTSPLY International Inc.** (NASDAQ–XRAY) today announced sales and earnings for the three months ended March 31, 2009. Net sales in the first quarter of 2009 decreased 9.6% to \$506.9 million compared to \$560.8 million reported for the first quarter of 2008. Net sales, excluding precious metal content, were \$465.7 million, a 6.2% decrease compared to 2008. The change in net sales, excluding precious metal content, was driven by currency translation, which reduced sales by 6.9%, offset by 0.7% growth on a constant currency basis which includes acquisitions.

DENTSPLY's net income for the first quarter of 2009 was \$61.7 million, or \$0.41 per diluted share, compared to \$0.45 per diluted share in the first quarter of 2008. Net income in the first quarter of 2009 included the net of tax impact of restructuring, impairment and other costs of \$1.0 million, a \$1.1 million net of tax impact for recent acquisition-related activities and a net charge for income tax-related adjustments of \$0.3 million. These items, in aggregate, reduced earnings on a net basis by \$0.02 per diluted share in the first quarter of 2009. The first quarter of 2008 included the net of tax impact of restructuring costs of \$0.1 million and a net charge to income tax expense of \$0.6 million, which in the aggregate, reduced earnings per diluted share by less than \$0.01. For a reconciliation of the non-GAAP measure to earnings per share calculated according to GAAP, see the attached table.

Bret Wise, Chairman and Chief Executive Officer, stated, "We are pleased to be able to deliver what we believe are solid results in a slowing global economy and dental market. In this environment, we are striking a balance between cost containment and continuing investment in technologies and marketing that will position us for growth in coming years. We achieved sales growth, excluding precious metal content, on a constant currency basis in the first quarter and solid profitability, despite the significant headwind from the economy. Our global diversification, depth of product lines and the strength of our balance sheet provide a solid foundation to further build upon our market position throughout economic cycles. Given current global economic conditions, we are slightly modifying our full year 2009 earnings per diluted share guidance to \$1.80 to \$1.90 on a non-GAAP basis, excluding restructuring and other costs, recent acquisition-related activities and income tax-related adjustments."

ADDITIONAL INFORMATION

A conference call has been scheduled for Friday, May 1, 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 (877) 874-1568 (for domestic calls) and (719) 325-4812 (for international calls). The Conference ID # is 7529411. At that time, you will be able to discuss the first 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 # 7529411.

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 is 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 INCOME (IN THOUSANDS EXCEPT PER SHARE DATA)

THREE MONTHS ENDED March 31,

	_			
		2009		2008
NET SALES	\$	506,949	\$	560,782
NET SALES – Ex Precious Metals Content	•	465,650	•	496,248
COST OF PRODUCTS SOLD	_	239,980		275,539
GROSS PROFIT		266,969		285,243
% OF NET SALES		52.7%		50.9%
% OF NET SALES – Ex Precious Metals Content		57.3%		57.5%
SELLING, GENERAL & ADMINISTRATIVE EXPENSES		179,228		184,002
RESTRUCTURING, IMPAIRMENT AND OTHER COSTS	_	1,570		204
INCOME FROM OPERATIONS		86,171		101,037
% OF NET SALES		17.0%		18.0%
% OF NETS SALES – Ex Precious Metals Content		18.5%		20.4%
NET INTEREST AND OTHER NON OPERATING EXPENSE	-	5,110		6,164
PRE-TAX INCOME		81,061		94,873
INCOME TAXES	_	21,131		26,718
NET INCOME	\$	59,930	\$	68,155
% OF NET SALES		11.8%		12.2%
% OF NETS SALES – Ex Precious Metals Content		12.9%		13.7%
LESS: NET INCOME (LOSS) ATTRIBUTABLE TO THE				
NON-CONTROLLING INTERESTS	-	(1,813)	_	(25)
NET INCOME ATTRIBUTABLE TO DENTSPLY	_	a. = .a		22.122
INTERNATIONAL	\$ _	61,743	\$	68,180
% OF NET SALES		12.2%		12.2%
% OF NET SALES – Ex Precious Metal Content		13.3%		13.7%
EARNINGS PER SHARE	ф	0.40	ተ	0.45
-BASIC	\$	0.42	\$	0.45
-DILUTIVE	\$	0.41	\$	0.45
DIVIDENDS PER SHARE	\$	0.050	\$	0.045
WEIGHTED AVERAGE NUMBER OF COMMON SHARES OUTSTANDING				
-BASIC		148,514		149,945
-DILUTIVE		149,705		152,983

DENTSPLY INTERNATIONAL INC. CONDENSED BALANCE SHEETS (IN THOUSANDS)

		March 31, 2009		December 31, 2008
ASSETS			_	<u> </u>
CURRENT ASSETS:				
CASH AND CASH EQUIVALENTS SHORT TERM INVESTMENTS ACCOUNTS AND NOTES RECEIVABLE-	\$	226,299 187	\$	203,991 258
TRADE,NET INVENTORIES, NET		327,514 314,089		319,260 306,125
OTHER CURRENT ASSETS		116,800		120,228
TOTAL CURRENT ASSETS		984,889	_	949,862
PROPERTY, PLANT AND EQUIPMENT, NET IDENTIFIABLE INTANGIBLE ASSETS, NET		416,393 124,958		432,276 103,718
GOODWILL, NET		1,206,008		1,277,026
OTHER NONCURRENT ASSETS, NET		28,541	_	67,518
TOTAL ASSETS	\$ _	2,760,789	\$ _	2,830,400
LIABILITIES AND STOCKHOLDERS' EQUITY:				
CURRENT LIABILITIES LONG-TERM DEBT	\$	343,707 460,842	\$	359,962 423,679
OTHER LIABILITIES		59,031		69,049
DEFERRED INCOME TAXES		217,612		318,297
TOTAL LIABILITIES		1,081,192	_	1,170,987
STOCKHOLDERS EQUITY		1,614,146		1,587,722
NON-CONTROLLING INTERESTS	_	65,451	_	71,691
TOTAL LIABILITIES AND STOCKHOLDERS'	¢	2 760 700	ď	2 020 400
EQUITY	\$	2,760,789	\$ _	2,830,400

DENTSPLY INTERNATIONAL INC. (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 metals content basis to the non-GAAP financial measures.

Three Months Ended March 31, 2009

	_	Operating Income (Expense)	Percentage Of Net Sales, Ex Precious Metals Content
Income from Operations	\$	86,171	18.5%
Restructuring, Impairment and Other Costs		1,570	0.3%
Recent Acquisition-Related Activities		2,604	0.6%
Adjusted Non-GAAP Operating Earnings	\$	90,345	19.4%
Three Months Ended March 31, 2008	_	Operating Income (Expense)	Percentage Of Net Sales, Ex Precious Metals Content
Three Months Ended March 31, 2008 Income from Operations	\$	Încome	Of Net Sales, Ex Precious Metals
	\$	Income (Expense)	Of Net Sales, Ex Precious Metals Content

DENTSPLY INTERNATIONAL INC. (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 March 31, 2009

		Income (Expense)	 Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	61,743	\$ 0.41
Restructuring, Impairment and Other Costs, Net of Tax and Non-Controlling Interests		996	0.01
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests		1,119	0.01
Income Tax Related Adjustments	_	282	 0.00
Adjusted Non-GAAP Earnings	\$ <u></u>	64,140	\$ 0.43

Three Months Ended March 31, 2008

Timee Mondis Ended March 51, 2000	Income (Expense)		 Diluted Per Share	
Net Income Attributable to DENTSPLY International	\$	68,180	\$ 0.45	
Restructuring, Impairment and Other Costs, Net of Tax and Non-Controlling Interests		129	0.00	
Income Tax Related Adjustments	_	637	 0.00	
Adjusted Non-GAAP Earnings	\$	68,946	\$ 0.45	

DENTSPLY INTERNATIONAL INC. (IN THOUSANDS EXCEPT PER SHARE DATA)

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 March 31, 2009

	_	Pre-tax Income		Income Taxes	Percentage of Pre-tax Income
As Reported – GAAP Operating Results	\$	81,061	\$	(21,131)	26.1%
Restructuring, Impairment and Other Costs		1,570		(574)	
Recent Acquisition-Related Activities		2,604		(739)	
Income Tax Related Adjustments	_		_	282	
Adjusted Non-GAAP Earnings	\$ <u>_</u>	85,235	\$ ₌	(22,162)	26.0%
Three Months Ended March 31, 2008	_	Pre-tax Income	_	Income Taxes	Percentage of Pre-tax Income
As Reported – GAAP Operating Results	\$	94,873	\$	(26,718)	28.2%
Restructuring, Impairment and Other Costs		204		(75)	
Income Tax Related Adjustments	_		_	637	
Adjusted Non-GAAP Earnings	\$_	95,077	\$_	(26,156)	27.5%