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 July 29, 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

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)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o 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 July 29, 2010, the Company issued a press release disclosing its second quarter 2010 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. Second Quarter 2010 earnings release issued July 29, 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)

By: /s/ William R. Jellison

William R. Jellison Senior Vice President and Chief Financial Officer

Date: July 29, 2010



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NEWS

For Further Information Contact:

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

FOR

DENTSPLY International Inc. Reports Second Quarter 2010 Sales and Earnings

York, PA – **July 29, 2010** -- **DENTSPLY International Inc.** (NASDAQ–XRAY) today announced sales and earnings for the three months ended June 30, 2010. Net sales in the second quarter of 2010 increased 2.2% to \$565.1 million compared to \$552.8 million reported for the second quarter of 2009. Net sales, excluding precious metal content, increased 1.5% to \$519.3 million in the second quarter of 2010 and were negatively impacted by the strengthening of the U.S. dollar.

Net income attributable to DENTSPLY International for the second quarter of 2010 was \$72.4 million, or \$0.49 per diluted share, compared to \$0.47 per diluted share in the second quarter of 2009. Net income attributable to DENTSPLY International in the second quarter of 2010 included the net of tax impact of restructuring and other costs of \$0.2 million, an incremental net of tax interest charge of \$0.7 million resulting from a credit risk adjustment to outstanding derivatives, and a net charge for income tax-related adjustments of \$0.6 million, which in aggregate reduced earnings per share on a net basis by \$.01 per diluted share. Net income attributable to DENTSPLY International in the second quarter of 2009 included the net of tax impact of restructuring and other costs of \$2.2 million, a net of tax impact for acquisition-related activities of \$0.5 million and a net charge for income tax-related adjustments of \$0.2 million, which in aggregate reduced earnings per share on a net basis by \$.02 per diluted share. For a reconciliation of GAAP and non-GAAP measures, see the attached table.

Bret Wise, Chairman and Chief Executive Officer, stated "The dental markets have shown a modest recovery in the first half of 2010. In this environment, we are pleased that our performance has also gradually improved, allowing us to generate positive internal sales growth through the first half of the year. We continue to make investments in the business that we believe will accelerate our performance as the dental markets recover. Consistent with the trends established late last year, we are generating positive earnings growth and strong cash flows, despite the negative effects of the stronger U.S. dollar compared to many currencies. We expect these positive performance trends will continue for the remainder of 2010, although currency exchange rates are also expected to have negative effects on reported results. Based on current exchange rates, we are adjusting our full year earnings expectations to \$1.86 to \$1.94 per diluted share." This guidance for earnings per diluted share is on a non-GAAP basis, excluding restructuring and other costs, acquisition-related activities and income tax-related adjustments.



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ADDITIONAL INFORMATION

A conference call has been scheduled for Thursday, July 29, 2010 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) 765-5546 (for domestic calls) and (913) 312-1468 (for international calls). The Conference ID # is 3786104. At that time, you will be able to discuss the second 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 online at the DENTSPLY website, <u>www.dentsply.com</u>. 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 # 3786104.

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, endodontic instruments and materials and ultrasonic scalers; the leading United States manufacturer and distributor of denture teeth, dental handpieces, dental x-ray film holders, film mounts and prophylaxis paste; and a leading worldwide manufacturer or distributor of dental injectable anesthetics, impression materials, orthodontics appliances, dental cutting instruments, dental implants and restorative dental materials, dental sealants and crown and bridge materials. 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 the 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 most recent 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 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 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 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 those of other companies.



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The Company believes that the presentation of adjusted operating income, adjusted net income attributable to DENTSPLY International, 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.



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DENTSPLY INTERNATIONAL INC. CONSOLIDATED STATEMENTS OF OPERATIONS

(In thousands, except per share amounts)

	Three Months Ended June 30,			Six Month June		
		2010		2009	2010	2009
Net sales	\$	565,086	\$	552,832	\$ 1,111,030	\$ 1,059,781
Net sales, excluding precious metal content		519,281		511,527	1,016,767	977,177
Cost of products sold		277,491	_	267,164	541,397	508,381
Gross profit		287,595		285,668	569,633	551,400
% of Net sales		50.9%		51.7%	51.3%	52.0%
% of Net sales, excluding precious metal content		55.4%		55.8%	56.0%	56.4%
Selling, general and administrative expenses		182,383		183,817	370,417	361,804
Restructuring and other costs		243		3,125	4,923	4,695
Operating income		104,969		98,726	194,293	184,901
% of Net sales		18.6%		17.9%	17.5%	17.4%
% of Net sales, excluding precious metal content		20.2%		19.3%	19.1%	18.9%
Net interest and other expense		6,581		3,706	 12,459	8,821
Income before income taxes		98,388		95,020	181,834	176,080
Provision for income taxes		25,042		24,440	46,297	45,571
Net income		73,346		70,580	135,537	130,509
% of Net sales		13.0%		12.8%	12.2%	12.3%
% of Net sales, excluding precious metal content		14.1%		13.8%	13.3%	13.4%
Less: Net income (loss) attributable						
to the noncontrolling interests		960		381	1,308	(1,433)
Net income attributable to DENTSPLY International	\$	72,386	\$	70,199	\$ 134,229	\$ 131,942
% of Net sales		12.8%		12.7%	12.1%	12.4%
% of Net sales, excluding precious metal content		13.9%		13.7%	13.2%	13.5%
Earnings per common share:						
Basic	\$	0.50	\$	0.47	\$ 0.92	\$ 0.89
Dilutive	\$	0.49	\$	0.47	\$ 0.91	\$ 0.88
Cash dividends declared per common share	\$	0.05	\$	0.05	\$ 0.10	\$ 0.10
Weighted average common share outstanding:						
Basic		144,779		148,577	145,772	148,546
Dilutive		146,939		150,057	148,048	149,822



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DENTSPLY INTERNATIONAL INC. CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands)

	June 30, 2010	Do	ecember 31, 2009
Assets			
Current Assets:			
Cash and cash equivalents	\$ 340,347	\$	450,348
Accounts and notes receivable-trade, net	351,304		348,684
Inventories, net	284,394		291,640
Prepaid expenses and other current assets	 113,197		127,124
Total Current Assets	1,089,242		1,217,796
Property, plant and equipment, net	399,077		439,619
Identifiable intangible assets, net	76,998		89,086
Goodwill, net	1,208,765		1,312,596
Other noncurrent assets, net	 23,185		28,835
Total Assets	\$ 2,797,267	\$	3,087,932
Liabilities and Equity			
Current liabilities	\$ 322,374	\$	444,556
Long-term debt	462,976		387,151
Deferred income taxes	73,779		72,524
Other noncurrent liabilities	196,728		276,743
Total Liabilities	1,055,857		1,180,974
Total DENTSPLY International Equity	1,675,714		1,832,105
Noncontrolling interests	65,696		74,853
Total Equity	1,741,410		1,906,958
Total Liabilities and Equity	\$ 2,797,267	\$	3,087,932



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Percentage

DENTSPLY INTERNATIONAL INC.

(In thousands, except per share amounts)

Operating Income Summary:

Three Months Ended June 30, 2010

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

		perating ome (Loss)	of Net Sales, Excluding Precious Metal Content
Operating Income	\$	104,969	20.2%
Restructuring and Other Costs		243	0.1%
Adjusted Non-GAAP Operating Income	\$	105,212	20.3%
Three Months Ended June 30, 2009	Inc	perating ome (Loss)	Percentage of Net Sales, Excluding Precious Metal Content
Three Months Ended June 30, 2009 Operating Income			of Net Sales, Excluding Precious Metal
	Inc	ome (Loss)	of Net Sales, Excluding Precious Metal Content
Operating Income	Inc	98,726	of Net Sales, Excluding Precious Metal Content



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DENTSPLY INTERNATIONAL INC.

(In thousands, except per share amounts)

Earnings Summary:

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

Three Months Ended June 30, 2010	 Income (Loss)	Diluted Per Share
Net Income Attributable to DENTSPLY International	\$ 72,386	\$ 0.49
Restructuring and Other Costs, Net of Tax and Noncontrolling Interests	219	0.00
Credit Risk Adjustment to Outstanding Derivatives, Net of Tax	732	0.00
Income Tax-Related Adjustments	571	0.00
Rounding	 	0.01
Adjusted Non-GAAP Net Income Attributable to DENTSPLY International	\$ 73,908	\$ 0.50

Three Months Ended June 30, 2009	-	Income (Loss)		Diluted Per Share
Net Income Attributable to DENTSPLY International	\$	70,199	\$	0.47
Restructuring and Other Costs, Net of Tax and Noncontrolling Interests		2,185		0.01
Acquisition-Related Activities, Net of Tax and Noncontrolling Interests		519		0.00
Income Tax-Related Adjustments		212		0.00
Rounding		-		0.01
Adjusted Non-GAAP Net Income Attributable to DENTSPLY International	\$	73,115	\$	0.49



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DENTSPLY INTERNATIONAL INC.

(In thousands)

Operating Tax Rate Summary:

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

Three Months Ended June 30, 2010

	Income Before Income Taxes		In	come Taxes	Percentage of Income Before Income Taxes
As Reported - GAAP Operating Results	\$	98,388	\$	(25,042)	25.5%
Restructuring and Other Costs		243		(59)	
Credit Risk Adjustment to Outstanding Derivatives		1,192		(460)	
Income Tax-Related Adjustments		-		571	
As Adjusted - Non-GAAP Operating Results	\$	99,823	\$	(24,990)	25.0%

Three Months Ended June 30, 2009	 Income Before Income Taxes		ome Taxes	Percentage of Income Before Income Taxes
As Reported - GAAP Operating Results	\$ 95,020	\$	(24,440)	25.7%
Restructuring and Other Costs	3,125		(940)	
Acquisition-Related Activities	1,173		(308)	
Income Tax-Related Adjustments	-		212	
As Adjusted - Non-GAAP Operating Results	\$ 99,318	\$	(25,476)	25.7%



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Percentage of Net Sales,

DENTSPLY INTERNATIONAL INC.

(In thousands, except per share amounts)

Operating Income Summary:

Six Months Ended June 30, 2010

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.

	Operating Income (Loss)		Excluding Precious Metal Content	
Operating Income		194,293	19.1%	
Restructuring and Other Costs		4,923	0.4%	
Recent Acquisition-Related Activities		518	0.1%	
Adjusted Non-GAAP Operating Income	\$	199,734	<u>19.6</u> %	
Six Months Ended June 30, 2009	Inc	perating ome (Loss)	Percentage of Net Sales, Excluding Precious Metal Content	
Six Months Ended June 30, 2009 Operating Income			of Net Sales, Excluding Precious Metal	
	Inc	ome (Loss)	of Net Sales, Excluding Precious Metal Content	
Operating Income	Inc	184,901	of Net Sales, Excluding Precious Metal Content 18.9%	



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DENTSPLY INTERNATIONAL INC.

(In thousands, except per share amounts)

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.

Six Months Ended June 30, 2010	Income (Loss)	Diluted Per Share
Net Income Attributable to DENTSPLY International	\$ 134,229	\$ 0.91
Restructuring and Other Costs, Net of Tax and Non-Controlling Interests	3,010	0.02
Credit Risk Adjustment to Outstanding Derivatives, Net of Tax	732	0.00
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests	388	0.00
Income Tax-Related Adjustments	1,007	0.01
Adjusted Non-GAAP Net Income Attributable to DENTSPLY International	\$ 13 9 ,366	\$ 0.94

Six Months Ended June 30, 2009	 Income (Loss)		Diluted Per Share
Net Income Attributable to DENTSPLY International	\$ 131,942	\$	0.88
Restructuring and Other Costs, Net of Tax and Non-Controlling Interests	3,181		0.02
Recent Acquisition-Related Activities, Net of Tax and Non-Controlling Interests	1,638		0.01
Income Tax-Related Adjustments	495		0.00
Rounding	 -		0.01
Adjusted Non-GAAP Net Income Attributable to DENTSPLY International	\$ 137,256	\$	0.92



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DENTSPLY INTERNATIONAL INC.

(In thousands)

Operating Tax Rate Summary:

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

Six Months Ended June 30, 2010

	Income Before Income Taxes	Income Taxes	Percentage of Income Before Income Taxes
As Reported - GAAP Operating Results	\$ 181,834	\$ (46,297)	25.5%
Restructuring and Other Costs	4,923	(1,803)	
Credit Risk Adjustment to Outstanding Derivatives	1,192	(460)	
Recent Acquisition-Related Activities	518	(130)	
Income Tax-Related Adjustments		1,007	
As Adjusted - Non-GAAP Operating Results	\$ 188,467	\$ (47,683)	25.3%

Six Months Ended June 30, 2009	Income Before Income Taxes				Percentage of Income Before Income Taxes
As Reported - GAAP Operating Results	\$	176,080	\$	(45,571)	25.9%
Restructuring and Other Costs		4,695		(1,514)	
Recent Acquisition-Related Activities		3,777		(1,047)	
Income Tax-Related Adjustments				495	
As Adjusted - Non-GAAP Operating Results	\$	184,552	\$	(47,637)	25.8%