

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 26, 2005
(Date of earliest event reported)

DENTSPLY INTERNATIONAL INC
(Exact name of Company as specified in charter)

Delaware 0-16211 39-1434669
(State of Incorporation) (Commission (IRS Employer
File Number) Identification No.)

221 West Philadelphia Street, York, Pennsylvania 17405
(Address of principal executive offices) (Zip Code)

(717) 845-7511
(Company's telephone number including area code)

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 July 26, 2005, the Company issued a press release disclosing
its second quarter 2005 sales and earnings. This earnings release
references net sales excluding precious metal content, which
could be considered a measure not calculated in accordance with
generally accepted accounting principles (a non-GAAP measure).
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. 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 2005 sales
and earnings release issued July 26, 2005 as referenced in
Item 2.02.

SIGNATURES

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: July 26, 2005

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 Second Quarter 2005 Sales and Earnings

York, PA - July 26, 2005 -- DENTSPLY International Inc. (NASDAQ: XRAY) today announced sales and earnings for the quarter ended June 30, 2005. Net sales increased 4.8% to \$444.8 million compared to \$424.4 million reported for the second quarter of 2004. Net sales, excluding precious metal content, increased 7.4% in the second quarter of 2005. Solid sales in a number of product areas and through most geographic regions continued to drive the business forward. The German market remained weak from the impact of the changes in reimbursement for dental procedures, however began showing some signs of improvement.

Net income from continuing operations for the second quarter of 2005 was \$57.9 million, or \$0.71 per diluted share, an increase of 18.3% in diluted earnings per share from continuing operations compared to income from continuing operations of \$49.2 million, or \$0.60 per diluted share in the second quarter of 2004. The second quarter includes a net reduction of income tax expense of \$1.8 million (\$0.02 per diluted share) related to the settlement of audits of tax returns associated with prior periods.

Gary Kunkle, Chairman and Chief Executive Officer, stated that, "Our continuous flow of new products remains a driving force in growing our businesses around the world. We have made considerable progress in our major product categories and markets during the second quarter. The German market, however, remains weak relative to 2004, but has shown significant improvement versus the first quarter of 2005."

Mr. Kunkle also stated, "We are very pleased with the progress we have made during this period. This gives us further confidence in re-confirming our year-end 2005 earnings guidance of \$2.59-2.63 per dilutive share. The Company is also anticipating taking advantage of repatriating foreign earnings under Section 965 of the Internal Revenue Code however we are still finalizing our plans, including the size and timing of any repatriation. The tax impact of this potential repatriation is not included in our current earnings guidance for the year."

DENTSPLY will hold a conference call on Wednesday, July 27, 2005 at 8:30 AM Eastern Time. To access the call, dial 877-885-5820 (for domestic calls) and 706-643-9578 (for international calls). Conference I.D.: 7802293. This conference call will be broadcast live on the Internet at: www.dentsply.com. An audio replay of the conference call will be available for two weeks. To access the replay, please dial (800) 642-1687 (for domestic calls) and (706) 645-9291 (for international calls).

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 injectible anesthetics, impression materials, orthodontic appliances, dental cutting instruments and dental implants. 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, 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.

DENTSPLY INTERNATIONAL INC.
CONSOLIDATED STATEMENTS OF INCOME
(UNAUDITED, IN THOUSANDS EXCEPT PER SHARE DATA)

	THREE MONTHS ENDED JUNE 30,		SIX MONTHS ENDED JUNE 30,	
	2005	2004	2005	2004
NET SALES	\$ 444,834	\$ 424,408	\$ 851,809	\$ 838,767
NET SALES - Ex Precious Metals	400,759	373,181	770,095	731,770
COST OF PRODUCTS SOLD	217,551	212,352	415,585	422,819
GROSS PROFIT	227,283	212,056	436,224	415,948
% OF NET SALES	51.1%	50.0%	51.2%	49.6%
% OF NET SALES - Ex Precious Metals	56.7%	56.8%	56.6%	56.8%
SELLING, GENERAL & ADMINISTRATIVE EXPENSES	146,376	134,158	284,924	267,220
RESTRUCTURING (INCOME) COSTS	(228)	333	40	1,057
INCOME FROM OPERATIONS	81,135	77,565	151,260	147,671
% OF NET SALES	18.2%	18.3%	17.8%	17.6%
% OF NET SALES - Ex Precious Metals	20.2%	20.8%	19.6%	20.2%
NET INTEREST AND OTHER EXPENSE	682	5,214	457	10,710
PRE-TAX INCOME	80,453	72,351	150,803	136,961
INCOME TAXES	22,560	23,129	43,861	41,971
INCOME FROM CONTINUING OPERATIONS	57,893	49,222	106,942	94,990
% OF NET SALES	13.0%	11.6%	12.6%	11.3%
% OF NET SALES - Ex Precious Metals	14.4%	13.2%	13.9%	13.0%
(LOSS) INCOME FROM DISCONTINUED OPERATIONS, NET OF TAX (INCLUDING GAIN ON SALE IN 2004 OF \$43,031)	--	(179)	--	42,885
NET INCOME	\$ 57,893	\$ 49,043	\$ 106,942	\$ 137,875
EARNINGS PER SHARE - BASIC:				
CONTINUING OPERATIONS	\$ 0.72	\$ 0.61	\$ 1.33	\$ 1.18
DISCONTINUED OPERATIONS	--	--	--	0.54
TOTAL EARNINGS PER SHARE	\$ 0.72	\$ 0.61	\$ 1.33	\$ 1.72
EARNINGS PER SHARE - DILUTIVE:				
CONTINUING OPERATIONS	\$ 0.71	\$ 0.60	\$ 1.31	\$ 1.16
DISCONTINUED OPERATIONS	--	--	--	0.53
TOTAL EARNINGS PER SHARE	\$ 0.71	\$ 0.60	\$ 1.31	\$ 1.69
DIVIDENDS PER SHARE	\$ 0.0600	\$ 0.0525	\$ 0.1200	\$ 0.1050
WEIGHTED AVERAGE NUMBER OF COMMON SHARES OUTSTANDING				
-BASIC	80,137	80,493	80,418	80,208
-DILUTIVE	81,608	82,089	81,941	81,796

CONDENSED BALANCE SHEETS
(UNAUDITED, IN THOUSANDS)

	JUNE 30, 2005 -----	DECEMBER 31, 2004 -----
ASSETS		
CURRENT ASSETS:		
CASH AND CASH EQUIVALENTS	\$ 365,675	\$ 506,369
ACCOUNTS AND NOTES RECEIVABLE-TRADE, NET	264,637	238,873
INVENTORIES, NET	224,224	213,709
OTHER CURRENT ASSETS	92,592	97,458
TOTAL CURRENT ASSETS	947,128	1,056,409
PROPERTY, PLANT AND EQUIPMENT, NET	378,114	407,527
GOODWILL, NET	954,802	996,262
IDENTIFIABLE INTANGIBLES ASSETS, NET	239,052	258,084
OTHER NONCURRENT ASSETS, NET	53,226	79,863
TOTAL ASSETS	\$2,572,322	\$2,798,145
LIABILITIES AND STOCKHOLDERS' EQUITY:		
CURRENT LIABILITIES	\$ 373,409	\$ 404,607
LONG-TERM DEBT	658,077	779,940
OTHER LIABILITIES	108,145	110,829
DEFERRED INCOME TAXES	64,381	58,196
TOTAL LIABILITIES	1,204,012	1,353,572
MINORITY INTEREST IN CONSOLIDATED SUBSIDIARIES	603	600
STOCKHOLDERS' EQUITY	1,367,707	1,443,973
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$2,572,322	\$2,798,145