

DENTSPLY INTERNATIONAL INC /DE/  
Form 11-K  
June 29, 2011

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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FORM 11-K

ANNUAL REPORT  
Pursuant to Section 15(d) of the  
Securities Exchange Act of 1934

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2010

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 0-16211

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

DENTSPLY International Inc. 401(k) Savings Plan

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

DENTSPLY International Inc. 221 West Philadelphia Street, York, Pennsylvania 17405-0872

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REQUIRED INFORMATION

1. Financial Statements:

The following financial information, including the Report of Independent Registered Public Accounting Firm thereon of the DENTSPLY International Inc. 401(k) Savings Plan is submitted herewith:

Statements of Net Assets Available for Plan Benefits as of December 31, 2010 and 2009.

Statements of Changes in Net Assets Available for Plan Benefits for the Years Ended December 31, 2010 and 2009.

Supplemental Schedule of Assets (Held at End of Year) as of December 31, 2010.

2. Exhibits:

The following exhibits are submitted herewith:

Exhibit 23.1 - Consent of Independent Registered Public Accounting Firm

SIGNATURE

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

DENTSPLY International Inc.  
401(k) Savings Plan

By: /s/ William R. Jellison  
William R. Jellison  
Senior Vice President, Chief Financial Officer  
and  
Member of the DENTSPLY International Inc.  
ESOP and 401(k) Committee

Date: June 29, 2011

DENTSPLY International Inc.  
401(k) Savings Plan

Financial Report

December 31, 2010

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DENTSPLY International Inc. 401(k) Savings Plan  
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Report of Independent Registered Public Accounting Firm

To the Employee Retirement Committee  
DENTSPLY International Inc. 401(k) Savings Plan

We have audited the accompanying statements of net assets available for benefits of the DENTSPLY International Inc. 401(k) Savings Plan (the Plan) as of December 31, 2010 and 2009, and the related statements of changes in net assets available for benefits for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2010 and 2009, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary schedules of assets (held at end of year) as of December 31, 2010 and delinquent participant contributions for the year ended December 31, 2010 are presented for the purpose of additional analysis and are not a required part of the basic financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplementary schedules are the responsibility of the Plan's management. The supplementary schedules have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ ParenteBeard LLC  
York, Pennsylvania  
June 29, 2011

DENTSPLY International Inc. 401(k) Savings Plan  
 Statements of Net Assets Available for Benefits  
 December 31, 2010 and 2009

	2010	2009
<b>Assets</b>		
Cash and cash equivalents	\$(1	) \$62,189
Investments, at fair value:		
Shares of Registered Investment Companies:		
Amer. Funds EuroPacific Growth Fund, R-4	3,171,418	-
Morgan Stanley International Equity, B	-	2,966,963
PIMCO Total Return Fund	4,089,373	3,251,630
TRP Balanced Fund	5,246,693	4,680,017
TRP Blue Chip Growth Fund	13,666,686	12,221,075
TRP Equity Income Fund	6,605,263	5,911,846
TRP Extended Equity Market Index	1,944,794	1,475,286
TRP Growth Stock Fund	7,860,765	6,860,310
TRP New Horizons Fund	5,327,266	3,617,473
TRP Retirement Income Fund	385,176	173,551
TRP Retirement 2005 Fund	570,857	470,018
TRP Retirement 2010 Fund	2,394,203	2,654,920
TRP Retirement 2015 Fund	3,512,715	2,603,049
TRP Retirement 2020 Fund	5,486,370	4,130,823
TRP Retirement 2025 Fund	6,564,071	4,604,749
TRP Retirement 2030 Fund	7,626,155	5,671,440
TRP Retirement 2035 Fund	7,598,472	5,430,852
TRP Retirement 2040 Fund	6,680,758	4,794,066
TRP Retirement 2045 Fund	2,798,902	1,888,553
TRP Retirement 2050 Fund	755,962	463,382
TRP Retirement 2055 Fund	350,996	217,774
TRP Science & Technology Fund	2,236,569	2,010,822
TRP Spectrum Income Fund	3,787,078	3,170,328
TRP Summit Cash Reserves	7,603,264	7,112,361
Shares of Common Trusts:		
TRP Equity Index Trust	6,193,071	5,627,671
Common Stock:		
DENTSPLY International Inc. Common Stock	13,821,297	14,774,713
Total Investments	126,278,174	106,783,672
Receivables:		
Employer contribution receivable	4,642,047	5,273,500
Participants' contributions	385,917	329,963
Notes receivable from participants	3,422,106	2,730,437
Total Receivables	8,450,070	8,333,900
Total Assets	134,728,243	115,179,761
<b>Liabilities</b>		
Payables:		
Refund of Excess Contributions	-	(671

Refund of Excess Amount	(47,652 )	-
Total Payables	(47,652 )	(671 )
Net Assets Available for Benefits	\$ 134,680,591	\$ 115,179,090
See notes to financial statements		

DENTSPLY International Inc. 401(k) Savings Plan  
 Statements of Changes in Net Assets Available for Benefits  
 Years Ended December 31, 2010 and 2009

	2010	2009
<b>Investment Income</b>		
Net appreciation in fair value of investments	\$ 12,057,023	\$ 23,400,767
Interest and dividends	1,747,294	1,391,725
<b>Total Investment Income</b>	<b>13,804,317</b>	<b>24,792,492</b>
Interest Income on Notes Receivables from Participants	150,378	166,785
<b>Contributions</b>		
Employer	4,642,047	5,273,500