

PIONEER TAX ADVANTAGED BALANCED TRUST
Form N-Q
April 22, 2005

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

FORM N-Q

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-09223

Pioneer Tax Advantaged Balanced Trust

(Exact name of registrant as specified in charter)

60 State Street, Boston, MA 02109
(Address of principal executive offices) (ZIP code)

Dorothy E. Bourassa, Pioneer Investment Management, Inc.,
60 State Street, Boston, MA 02109
(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 742-7825

Date of fiscal year end: November 30

Date of reporting period: February 28, 2005

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after close of the first and third fiscal quarters, pursuant to Rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

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ITEM 1. Schedule of Investments.

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 2/28/05 (unaudited)

Principal Amount	S&P/Moody's Ratings	
		TAX EXEMPT OBLIGATIONS - 75.4% of Net Assets
		Alabama - 2.9%
\$ 6,990,000	AAA/Aaa	Birmingham Waterworks & Sewer Revenue, 5.0%, 1/1/43
5,000,000	NR/A2	Huntsville Health Care Authority Revenue, 5.75%, 6/1/32
		Arizona - 2.9%
10,285,000	BB-/Ca	Gila County Industrial Development Authority, 5.55%, 1/1/27
1,000,000	NR/Baa3	Pima County Industrial Development Authority, 6.375%, 7/1/31
1,000,000	NR/Baa3	Pima County Industrial Development Authority, 6.75%, 7/1/31
1,000,000	NR/NR	Pima County Industrial Development Authority, 7.5%, 7/1/34
		California - 1.2%
1,000,000	BBB+/Baa1	California Health Facilities Authority Revenue, 5.25%, 7/1/23
4,000,000	BBB/Baa3	Golden State Tobacco Securitization Corp., 6.75%, 6/1/39
		Connecticut - 1.6%
4,190,000	BBB/Baa1	Connecticut State Development Authority Pollution Control Revenue, 5.85%,
1,000,000	AAA/Aaa	Connecticut State Health & Educational Facilities Authority Revenue, 5.0%
1,500,000	BB+/NR	Mohegan Tribe Indians Gaming Authority, 5.25%, 1/1/33
		District of Columbia - 1.0%
4,000,000	BBB/Baa3	District of Columbia Tobacco Settlement Financing Corp., 6.75%, 5/15/40
		Florida - 5.6%
5,000,000	AAA/Aa1	Florida State Board of Education, 5.0%, 6/1/16
5,000,000	A/A2	Highlands County Health Facilities Authority Revenue, 6.0%, 11/15/25
10,980,000	AA-/Aa3	Jefferson Water & Sewer System Revenue, 5.0%, 10/1/41
2,025,000	BB/NR	Miami Beach Health Facilities Authority, 5.375%, 11/15/28
500,000	BB/Ba2	Miami Beach Health Facilities Authority, 6.7%, 11/15/19
		Georgia - 1.4%
1,000,000	AAA/Aaa	Georgia State General Obligation, 2.0%, 12/1/23
2,500,000	BBB/NR	Milledgeville-Baldwin County Development Authority Revenue, 5.5%, 9/1/24
2,500,000	BBB/NR	Milledgeville-Baldwin County Development Authority Revenue, 5.625%, 9/1/33
		Illinois - 5.0%
3,000,000	AAA/Aaa	Chicago Illinois General Obligation, 5.0%, 1/1/28
4,580,000	A-/Baa1	Illinois Development Finance Authority Revenue, 5.25%, 10/1/24
5,000,000	AA+/Aa1	Illinois Educational Facilities Authority Revenue, 5.0%, 12/1/38
2,000,000	AA+/Aa2	Illinois Finance Authority Revenue, 5.5%, 8/15/43
5,095,000	NR/A1	Illinois Health Facilities Authority Revenue, 5.75%, 7/1/15
1,130,000	CCC/Caa1	Illinois Health Facilities Authority Revenue, 6.375%, 1/1/15
		Indiana - 2.2%
4,135,000	BB+/Ba3	Indiana State Development Finance Authority Revenue, 5.75%, 10/1/11
5,100,000	AAA/Aaa	Indiana Transportation Finance Authority Highway Revenue, 5.0%, 6/1/28

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	Kansas - 1.4%
5,000,00AAA/Aaa	Wyandotte County Unified Government Utility System Revenue, 5.65%, 9/1/19
	Louisiana - 1.7%
7,335,00BBB/Baa3	Tobacco Settlement Financing Corp., 5.875%, 5/15/39
	Maryland - 0.7%
3,000,00A/A3	Maryland State Health & Higher Educational Facilities Authority Revenue,
	Massachusetts - 4.8%
2,685,00NR/Aaa	Lowell Massachusetts General Obligation, 5.0%, 12/15/15
2,000,00AA+/Aa1	Massachusetts Health & Educational Facilities Authority Revenue, 5.0%, 7/
1,250,00AAA/Aaa	Massachusetts Health & Educational Facilities Authority Revenue, 5.25%, 7
1,550,00BBB-/Baa3	Massachusetts Health & Educational Facilities Authority Revenue, 5.25%, 7
1,600,00BBB/NR	Massachusetts Health & Educational Facilities Authority Revenue, 5.45%, 1
2,120,00BBB/Baa3	Massachusetts Health & Educational Facilities Authority Revenue, 5.625%,
900,00BBB/Baa3	Massachusetts Health & Educational Facilities Authority Revenue, 6.25%, 7
2,750,00BBB/Baa2	Massachusetts Health & Educational Facilities Authority Revenue, 6.625%,
500,00BBB-/NR	Massachusetts State Development Finance Agency, 5.5%, 1/1/35
1,100,00BBB/Baa2	Massachusetts State Development Finance Agency, 5.625%, 10/1/24
1,000,00BBB/Baa2	Massachusetts State Development Finance Agency, 5.7%, 10/1/34
2,000,00AAA/Aaa	University of Massachusetts Building Authority Project Revenue, 5.25%, 11
	Michigan - 1.8%
5,000,00BB/NR	Macomb County Hospital Finance Authority Revenue, 5.875%, 11/15/34
2,000,00A/A2	Michigan State Hospital Finance Authority Revenue, 5.5%, 11/1/15
1,025,00BB/Ba2	Pontiac Hospital Finance Authority Revenue, 6.0%, 8/1/07

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)

Principal S&P/Moody's
Amount Ratings

	Minnesota - 0.8%
\$ 2,000,000A-/NR	Duluth Economic Development Authority Health Care Facilities Revenue, 5.2
1,500,00A-/NR	Duluth Economic Development Authority Health Care Facilities Revenue, 5.2
	Missouri - 0.4%
1,720,00AA/Aa3	Missouri State Health & Educational Authority Health Facilities Revenue,
	Montana - 0.3%
1,350,00NR/A3	Montana Finance Authority Hospital Facilities Revenue, 5.0%, 6/1/24
	Nevada - 2.2%
3,000,00B-/NR	Clark County Industrial Development Revenue, 5.5%, 10/1/30
1,500,00BBB+/Baa1	Henderson Nevada Health Care Facilities Revenue, 5.625%, 7/1/24
5,000,00BB/Ba2	Washoe County Water Facility Revenue, 5.0%, 3/1/36
	New Hampshire - 1.6%
1,325,00AA/Aa2	Concord New Hampshire General Obligation, 5.0%, 7/15/13
1,205,00AA/Aa2	Concord New Hampshire General Obligation, 5.0%, 7/15/14
1,020,00AA/Aa2	Concord New Hampshire General Obligation, 5.0%, 7/15/15
2,000,00NR/NR	New Hampshire Business Finance Authority Revenue, 6.05%, 9/1/29
1,000,00A+/A2	New Hampshire Health & Education Facilities Authority Revenue, 5.75%, 10/
	New Jersey - 3.4%
1,250,00BBB/Baa3	Camden County Improvement Authority Revenue, 5.75%, 2/15/34

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1,500,00BB/Ba2	New Jersey Health Care Facilities Financing Authority Revenue, 5.125%, 7/1/27
5,000,00BBB/Baa1	New Jersey Health Care Facilities Financing Authority Revenue, 5.375%, 7/1/27
3,500,00NR/NR	New Jersey Health Care Facilities Financing Authority Revenue, 7.25%, 7/1/27
3,000,00BBB/Baa3	Tobacco Settlement Financing Corp., 6.25%, 6/1/43
	 New Mexico - 0.6%
1,000,00AA/NR	DoNa Ana County PILT Revenue, 5.25%, 12/1/25
1,500,00NR/A3	Farmington New Mexico Hospital Revenue, 5.0%, 6/1/23
	 New York - 4.9%
2,000,00NR/NR	Dutchess County Industrial Development Agency Revenue, 7.5%, 3/1/29
1,000,00NR/Aa2	New York City Industrial Development Agency, 5.0%, 7/1/27
1,000,00NR/Aa2	New York City Industrial Development Agency, 5.25%, 7/1/24
8,820,(aaa+/Aa2	New York City Transitional Finance Authority Revenue, 0.0%, 11/1/29
5,000,00AA-/A1	Port Authority of New York & New Jersey Revenue, 5.0%, 9/1/38
4,900,00AAA/Aaa	Triborough Bridge & Tunnel Authority, 5.25%, 11/15/30
	 North Carolina - 1.4%
3,000,00AA+/Aa1	North Carolina Capital Facilities Finance Agency Revenue, 5.125%, 7/1/42
1,000,00AA/Aa3	North Carolina Capital Facilities Finance Agency Student Revenue, 5.0%, 6/1/27
1,000,00AA/Aa3	North Carolina Capital Facilities Finance Agency Student Revenue, 5.0%, 6/1/27
1,000,00NR/NR	North Carolina Medical Care Commission Health Care Facilities Revenue, 5.0%, 6/1/27
	 Ohio - 1.3%
2,000,00B-/Caa2	Cleveland Airport Special Revenue, 5.7%, 12/1/19
3,000,00AAA/Aaa	Columbus City School District, 5.0%, 12/1/32
1,000,00AAA/Aaa	Hamilton County Hospital Facilities Revenue, 5.125%, 5/15/28
	 Oregon - 0.7%
2,935,00NR/Aaa	Oregon State Housing & Community Services Department Multi-Family Revenue, 5.0%, 9/15/31
	 Pennsylvania - 2.4%
5,000,00AAA/Aaa	Pennsylvania State Turnpike Commission Oil Franchise Tax Revenue, 5.0%, 12/1/31
3,000,00A-/NR	Sayre Health Care Facilities Authority Revenue, 5.875%, 12/1/31
2,165,00AA+/Aa1	Swarthmore Borough Authority College Revenue, 5.0%, 9/15/31
	 Puerto Rico - 3.9%
8,000,00A/Baa1	Puerto Rico Commonwealth Highway & Transportation Authority Revenue, 5.125%, 7/1/27
5,000,00A-/Baa1	Puerto Rico Public Buildings Authority Revenue, 5.25%, 7/1/33
3,000,00BBB+/Baa2	Puerto Rico Public Finance Corp., 5.75%, 8/1/27
	 Rhode Island - 1.1%
1,545,00BBB/Baa3	Tobacco Settlement Financing Corp., 6.125%, 6/1/32
3,100,00BBB/Baa3	Tobacco Settlement Financing Corp., 6.25%, 6/1/42
	 South Carolina - 4.1%
6,000,00A-/A3	Berkeley County School District Installment Lease, 5.0%, 12/1/28
5,000,00AAA/Aaa	Florence County Hospital Revenue, 5.25%, 11/1/34
3,500,00A/A2	Lexington County Health Services District, Inc., Hospital Revenue, 5.5%, 11/15/28
2,500,00A-/A3	South Carolina Jobs Economic Development Authority Revenue, 5.5%, 11/15/28

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)

Principal	S&P/Moody's
Amount	Ratings

\$ 2,500,00NR/Baa3	Tennessee - 0.6%
	Knox County Health Educational & Housing Facilities Board Hospital Revenue, 5.0%, 6/1/27

Texas - 3.5%

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4,263,00NR/Aaa	Houston Housing Financing Corp., 6.25%, 9/20/31
2,750,00AAA/Aaa	Lower Colorado River Authority, 5.0%, 5/15/31
1,711,00NR/Aaa	Panhandle Regional Housing Finance Corp., 6.6%, 7/20/31
3,000,00BBB/Baa2	Richardson Hospital Authority, 6.0%, 12/1/34
1,000,00BBB-/NR	Seguin Higher Education Facilities Corp. Revenue, 5.0%, 9/1/23
1,500,00NR/Baa3	Texas State Student Housing Revenue, 6.5%, 9/1/34
	Vermont - 0.3%
1,295,00AA/Aa3	Vermont Educational & Health Buildings Financing Agency Revenue, 5.0%, 7/1/31
	Virginia - 2.6%
5,000,00AA+/Aa1	Commonwealth of Virginia Transportation Revenue, 5.0%, 5/15/12
1,500,00NR/A3	Prince William County Industrial Development Hospital Revenue, 5.2%, 10/1/31
3,925,00NR/A3	Prince William County Industrial Development Hospital Revenue, 5.35%, 10/1/31
	Washington - 4.3%
8,000,00AAA/Aaa	King County Washington Sewer Revenue, 5.0%, 1/1/35
3,000,00AAA/Aaa	Spokane County General Obligation, 5.0%, 12/1/33
7,000,00BBB/Baa3	Tobacco Settlement Authority Revenue, 6.625%, 6/1/32
	Wisconsin - 0.8%
3,500,00BBB+/NR	Wisconsin State Health & Educational Facilities Authority Revenue, 5.6%, 10/1/31
	TOTAL TAX-EXEMPT OBLIGATIONS
	(Cost \$311,866,531) (b)

Shares

	COMMON STOCKS - 36.8% of Net Assets
	Energy - 1.5%
	Oil & Gas - 1.5%
50,000	ChevronTexaco Corp.
45,000	Kerr-McGee Corp.
	Total Energy
	Materials - 3.3%
	Chemicals - 2.9%
83,000	Eastman Chemical Co.
96,022	Lyondell Chemical Co.
61,128	PPG Industries, Inc.
	Construction Materials - 0.0%
3,950	Monarch Cement Co.
	Metals & Mining - 0.4%
39,800	Freeport-McMoRan Copper & Gold, Inc.
200	Worthington Industries, Inc.
	Total Materials
	Industrials - 0.9%
	Commercial Services & Supplies - 0.9%
39,600	R.R. Donnelley & Sons Co.
200,227	ServiceMaster Co.
	Total Industrials
	Capital Goods - 2.0%
	Automobiles - 0.7%
80,000	General Motors Corp.
	Household Durables - 1.3%
50,000	Bassett Furniture Industries, Inc.
48,386	Kimball International, Inc.

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33,700 Knape & Vogt Manufacturing Co.
 166,444 Tupperware Corp.

Total Capital Goods

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SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)

Shares

140,947 Food, Beverage & Tobacco - 4.4%
 Food & Staples Retailing - 0.5%
 Lance, Inc.

78,100 Food Retail - 0.5%
 ConAgra Foods, Inc.

76,000 Tobacco - 3.4%
 Altria Group, Inc.
 115,000 Loews Corp. - Carolina Group
 33,000 Reynolds American, Inc.
 56,000 UST, Inc.

Total Food, Beverage & Tobacco

281,215 Health Care - 3.2%
 216,536 Pharmaceuticals - 3.2%
 Bristol-Myers Squibb Co.
 Merck & Co., Inc.
 Total Health Care

78,200 Financials - 4.4%
 163,100 Commercial Banks - 3.9%
 FirstMerit Corp.
 KeyCorp
 90,000 National City Corp.
 67,800 Regions Financial Corp.
 222,700 TrustCo Bank Corp., NY
 28,642 Wachovia Corp.

50,000 Thrifts & Mortgage Finance - 0.5%
 Washington Mutual, Inc.
 Total Financials

257,900 Telecommunication Services - 2.6%
 260,000 Diversified Telecommunication Services - 2.6%
 AT&T Corp.
 SBC Communications, Inc.
 Total Diversified Telecommunication Services

(c) Wireless Telecommunication Services - 0.0%
 Nextel Communications, Inc.
 Total Wireless Telecommunication Services
 Total Telecommunication Services

137,135 Utilities - 14.5%
 200,000 Electric Utilities - 10.0%
 Ameren Corp.
 Consolidated Edison, Inc.
 138,400 Empire District Electric Co.
 229,293 Exelon Corp.

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74,383	Great Plains Energy, Inc.
67,056	NSTAR
64,000	PG&E Corp.
179,000	Southern Co.
	Gas Utilities - 2.6%
172,185	Atmos Energy Corp.
167,249	KeySpan Corp.
	Multi-Utilities - 1.9%
303,253	Duke Energy Corp.
	Total Utilities
	TOTAL COMMON STOCKS
	(Cost \$147,394,375)
	Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)

Shares

	NON-CONVERTIBLE PREFERRED STOCKS - 25.3% of Net Assets
	Energy - 1.2%
	Oil & Gas - 1.2%
49,300	Apache Corp., Series B, 5.68%
	Total Energy
	Financials - 20.1%
	Capital Markets - 3.3%
57,000	Bear Stearns Companies, Inc., Series F, 5.72%
40,000	Bear Stearns Companies, Inc., Series G, 5.49%
100,000	Lehman Brothers Holdings, Inc., 6.5%
19,000	Lehman Brothers Holdings, Inc., Series C, 5.94%
30,000	Lehman Brothers Holdings, Inc., Series D, 5.67%
65,000	Merrill Lynch Preferred Capital Trust IV, 7.12%
87,000	Merrill Lynch Preferred Capital Trust V, 7.28%
	Commercial Banks - 3.7%
94,000	Bank of America Corp., Series VI, 6.75%
30,000	Bank One Capital V, 8.0%
105,000	Bank One Capital VI, 7.2%
27,000	Fleet Capital Trust VII, 7.2%
200,000	Royal Bank of Scotland Group Plc, Series L, 5.75%
55,000	Wachovia Preferred Funding Corp., Series A, 7.25%
	Consumer Finance - 0.8%
18,000	MBNA Capital, Series D, 8.125%
50,000	SLM Holding Corp., Series A, 6.97%
	Diversified Financial Services - 1.7%
55,000	Citigroup Inc., Series G, 6.213%
81,500	Citigroup Inc., Series M, 5.864%
	Insurance - 2.2%
110,000	ACE Ltd., Series C, 7.8%
70,000	RenaissanceRe Holdings, Ltd., Series C, 6.08%
70,000	St. Paul Capital Trust I, 7.6%
109,000	XL Capital, Ltd., Series B, 7.625%
	Real Estate - 2.2%
27,000	Equity Office Properties Trust, Series G, 7.75%
92,000	Home Properties New York, Inc., Series F, 9.0%
40,000	Prologis Trust, Series G, 6.75%

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60,000	PS Business Parks, Inc., Series H, 7.0%
22,000	PS Business Parks, Inc., Series I, 6.875%
35,480	Public Storage, Inc., Series T, 7.625%
94,000	Regency Centers Corp., Series C, 7.45%
	Thrifths & Mortgage Finance - 6.2%
12,000	Countrywide Capital IV, 6.75%
201,000	Fannie Mae, Series L, 5.125%
114,000	Fannie Mae, Series M, 4.75%
100,000	Fannie Mae, Series N, 5.5%
57,000	Freddie Mac, 5.81%
39,000	Freddie Mac, Series F, 5.0%
58,000	Freddie Mac, Series K, 5.79%
	Total Financials
	Utilities - 4.0%
	Electric Utilities - 3.6%
98,000	Alabama Power Co., 5.3%
113,000	Alabama Power Co., 5.83%
80,000	Energy East Capital Trust I, 8.25%
78,000	Interstate Power and Light Co., Series B, 8.375%
40,000	Mississippi Power Co., 5.25%
7,700	PPL Electric Utilities Corp., 4.5%
72,000	Southern California Edison Co., 4.32%
94,000	Virginia Power Capital Trust II, 7.375%
	Gas Utilities - 0.4%
62,000	Southern Union Co., Series C, 7.55%
	Total Utilities
	TOTAL NON-CONVERTIBLE PREFERRED STOCKS (Cost \$109,212,187)
	Pioneer Tax Advantaged Balanced Trust
	SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)
Shares	
	CONVERTIBLE PREFERRED STOCKS - 2.1% of Net Assets
	Industrials - 0.5%
	Aerospace & Defense - 0.5%
15,000	Northrop Grumman Corp., 7.0%
	Total Industrials
	Telecommunication Services - 1.4%
	Diversified Telecommunication Services - 1.4%
60,000	Alltel Corp., 7.75%
126,000	CenturyTel, Inc., 6.875%
	Total Telecommunication Services
	Utilities - 0.2%
	Electric Utilities - 0.2%
31,000	DTE Energy Co., 8.75%
	Total Utilities
	TOTAL CONVERTIBLE PREFERRED STOCKS (Cost \$8,778,406)
	TAX-EXEMPT MONEY MARKET MUTUAL FUND - 0.9% of Net Assets
4,057,293	BlackRock Provident Institutional Municipal Fund
	TOTAL TAX-EXEMPT MONEY MARKET MUTUAL FUND (Cost \$4,057,293)

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TOTAL INVESTMENTS IN SECURITIES - 140.5%
 (Cost \$581,308,792) (d)
 OTHER ASSETS AND LIABILITIES 0.2%
 PREFERRED SHARES AT REDEMPTION VALUE INCLUDING
 DIVIDENDS PAYABLE - (40.7)%
 NET ASSETS APPLICABLE TO COMMON SHAREOWNERS - 100.0%

NR Security not rated by S&P or Moody's.

(a) Indicates a security that has a zero coupon that remains in effect until a predetermined date at which time the stated coupon rate becomes effective until final maturity.

(b) The concentration of tax-exempt investments by type of obligation/market sector is as follows:
 Insured
 General Obligation
 Revenue Bonds:

- Health Revenue
- Development Revenue
- Tobacco Revenue
- Education Revenue
- Transportation Revenue
- Other
- School District Revenue
- Utilities Revenue
- Housing Revenue
- Facilities Revenue
- Water Revenue
- Pollution Revenue
- Airport Revenue
- Gaming Revenue

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 2/28/05 (unaudited) (continued)

(c) Non-incoming producing.

(d) At February 28, 2005, the net unrealized gain on investments based on cost for federal tax purposes of \$581,291,957 was as follows:

Aggregate gross unrealized gain for all investments in which there is an excess of value over cost
 Aggregate gross unrealized loss for all investments in which there is an excess of cost over value
 Net unrealized gain

For financial reporting purposes net unrealized gain on investments was \$26,493,023 and net unrealized loss on investments aggregated \$581,308,792.

Purchases and sales of securities (excluding temporary cash investments) for the period ended February 28, 2005, aggregated \$37,287,440. and \$36,198,072, respectively.
 The interest rate swaps outstanding as of February 28, 2005 were as follows:

Counterparty	Termination Date	Notional Amount (000)	Fixed Rate	Floating Rate	Unrealized Gain/Loss
UBS AG	Sept. 1, 2009	\$106,000	2.855%	1 month BMA	

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ITEM 2. CONTROLS AND PROCEDURES.

(a) Disclose the conclusions of the registrant's principal executive officer or officers and principal financial officer or officers, or persons performing similar functions, about the effectiveness of the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Act (17 CFR 270.30a-3(c))) as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on their evaluation of these controls and procedures required by Rule 30a-3(b) under the Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Exchange Act (17 CFR 240.13a-15(b) or 240.15d-15(b)).

The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on an evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.

(b) Disclose any change in the registrant's internal controls over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d))) that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

There was no significant change in the registrant's internal controls over financial reporting that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

(a) A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2 under the Act (17 CFR 270.30a-2).

Filed herewith.

SIGNATURES

[See General Instruction F]

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Pioneer Tax Advantaged Balanced Trust

By (Signature and Title)* /s/ John F. Cogan, Jr.
John F. Cogan, Jr, President

Date April 30, 2005

Pursuant to the requirements of the Securities Exchange Act of 1934 and the

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Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title)* /s/ John F. Cogan, Jr.
John F. Cogan, Jr., President

Date April 30, 2005

By (Signature and Title)* /s/ Vincent Nave
Vincent Nave, Treasurer

Date April 30, 2005

* Print the name and title of each signing officer under his or her signature.