

PIONEER TAX ADVANTAGED BALANCED TRUST
Form N-Q
October 29, 2004

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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 811-21448

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: August 31, 2004

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

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under the clearance requirements of 44 U.S.C. ss. 3507.

ITEM 1. Schedule of Investments.

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited)

Principal Amount	S&P/Moody's Ratings		
		TAX EXEMPT OBLIGATIONS - 77.5% OF NET ASSETS	
		Alabama - 4.0%	
\$ 10,990,500	AAA/Aaa NR/A2	Birmingham Waterworks & Sewer Revenue, 5.0%, 1/1/43	\$
		Huntsville Health Care Authority Revenue, 5.75%, 6/1/32	\$
		Arizona - 2.8%	
10,285,000	B-/Ca NR/Baa3	Gila County Industrial Development Authority Revenue, 5.55%, 1/1/27	\$
		Pima County Industrial Development Authority, 6.375%, 7/1/31	
		Pima County Industrial Development Authority, 6.75%, 7/1/31	
		Pima County Industrial Development Authority, 7.5%, 7/1/34	\$
		California - 0.7%	
1,000,000	BBB+/Baa1	California Health Facilities Authority Revenue, 5.25%, 7/1/23	\$
2,000,000	BBB/Baa3	Golden State Tobacco Securitization Corp., 6.75%, 6/1/39	\$
		Connecticut - 1.7%	
4,190,000	BBB/A3	Connecticut State Development Authority Pollution Control Revenue, 5.0%, 1/1/31	\$
		Connecticut State Health & Educational Facilities Authority Revenue, 5.0%, 1/1/31	\$
		Mohegan Tribe Indians Gaming Authority, 5.25%, 1/1/33	\$
		District of Columbia - 0.9%	
4,000,000	BBB/Baa3	District of Columbia Tobacco Settlement Financing Corp., 6.75%, 5/15/37	\$
		Florida - 6.9%	
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	
		Miami Beach Health Facilities Authority, 5.375%, 11/15/28	
		Miami Beach Health Facilities Authority, 6.7%, 11/15/19	
10,000,000	AAA/Aaa	Miami-Dade County Aviation Revenue, 5.0%, 10/1/37	\$
		Georgia - 2.9%	
9,735,000	AAA/Aaa	Georgia State General Obligation, 2.0%, 12/1/23	\$
2,500,000	BBB/NR	Milledgeville-Baldwin County Development Authority Revenue, 5.5%, 9/1/37	\$
2,500,000	BBB/NR	Milledgeville-Baldwin County Development Authority Revenue, 5.625%, 9/1/37	\$
		Illinois - 5.2%	
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	
		Illinois Health Facilities Authority Revenue, 6.375%, 1/1/15	\$
		Indiana - 1.3%	
5,100,000	AAA/Aaa	Indiana Transportation Finance Authority Highway Revenue, 5.0%, 6/1/25	\$

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	Louisiana - 0.9%	
4,335, BBB/Baa3	Tobacco Settlement Financing Corp., 5.875%, 5/15/39	\$
	Maryland - 0.7%	
3,000, A/A3	Maryland State Health & Higher Educational Facilities Authority Revenue	\$
	Massachusetts - 4.0%	
1,225NR/Aaa	Auburn Massachusetts General Obligation, 5.125%, 6/1/20	\$
1,280NR/Aaa	Auburn Massachusetts General Obligation, 5.125%, 6/1/21	
1,020AAA/Aaa	Littleton Massachusetts General Obligation, 5.0%, 1/15/20	
2,000, AA+/Aa1	Massachusetts Health & Educational Facilities Authority Revenue, 5.0%,	
1,550BBB-/Baa2	Massachusetts Health & Educational Facilities Authority Revenue, 5.25%	
1,600BBB+/NR	Massachusetts Health & Educational Facilities Authority Revenue, 5.45%	
2,120BBB/Baa3	Massachusetts Health & Educational Facilities Authority Revenue, 5.625%	
90BBB/Baa3	Massachusetts Health & Educational Facilities Authority Revenue, 6.25%	
1,10BBB/Baa2	Massachusetts State Development Finance Agency, 5.625%, 10/1/24	
1,000BBB/Baa2	Massachusetts State Development Finance Agency, 5.7%, 10/1/34	
2,000, AAA/Aaa	University of Massachusetts Building Authority Project Revenue, 5.25%,	\$
	Michigan - 1.9%	
5,000, BBB-/NR	Macomb County Hospital Finance Authority Revenue, 5.875%, 11/15/34	\$
2,000, A/A2	Michigan State Hospital Finance Authority Revenue, 5.5%, 11/1/15	
1,025BB/Ba1	Pontiac Hospital Finance Authority Revenue, 6.0%, 8/1/07	\$

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

Principal Amount	S&P/ Moody's Ratings	
	Minnesota - 1.1%	
\$ 2,000,00A-/NR	Duluth Economic Development Authority Health Care Facilities Revenue,	\$
2,500, A-/NR	Duluth Economic Development Authority Health Care Facilities Revenue,	\$
	Missouri - 0.4%	
1,720AA/ Baa2	Missouri State Health & Educational Authority Health Facilities Revenue	\$
	Montana - 0.3%	
1,350NR/A3	Montana Finance Authority Hospital Facilities Revenue, 5.0%, 6/1/24	\$
	Nevada - 3.2%	
3,000, B-/NR	Clark County Industrial Development Revenue, 5.5%, 10/1/30	\$
1,500BBB+/Baa1	Henderson Nevada Health Care Facilities Revenue, 5.625%, 7/1/24	
9,000, BB/Ba2	Washoe County Water Facility Revenue, 5.0%, 3/1/36	\$
	New Hampshire - 0.7%	
2,000, NR/NR	New Hampshire Business Finance Authority Revenue, 6.05%, 9/1/29	\$
1,000A+/A2	New Hampshire Health & Education Facilities Authority Revenue, 5.75%,	\$
	New Jersey - 3.4%	
1,250BBB/Baa3	Camden County Improvement Authority Revenue, 5.75%, 2/15/34	\$
1,500BB/Ba2	New Jersey Health Care Facilities Financing Authority Revenue, 5.125%,	
5,000, BBB/Baa1	New Jersey Health Care Facilities Financing Authority Revenue, 5.375%,	
3,500, NR/NR	New Jersey Health Care Facilities Financing Authority Revenue, 7.25%,	
3,000, BBB/Baa3	Tobacco Settlement Financing Corp., 6.25%, 6/1/43	\$
	New Mexico - 0.6%	
1,000AA/NR	Dona Ana County PILT Revenue, 5.25%, 12/1/25	\$

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1,500NR/A3	Farmington New Mexico Hospital Revenue, 5.0%, 6/1/23	\$
	New York - 5.2%	
2,000,NR/NR	Dutchess County Industrial Development Agency Revenue, 7.5%, 3/1/29	\$
1,000NR/Aa2	New York City Industrial Development Agency, 5.0%, 7/1/27	
1,000NR/Aa2	New York City Industrial Development Agency, 5.25%, 7/1/24	
8,82(aAA+/Aa2	New York City Transitional Finance Authority Revenue, 0.0%, 11/1/29	
5,000,AA-/A1	Port Authority of New York & New Jersey Revenue, 5.0%, 9/1/38	
4,900,AAA/Aaa	Triborough Bridge & Tunnel Authority, 5.25%, 11/15/30	\$
	North Carolina - 2.0%	
5,000,AA+/Aa1	North Carolina Capital Facilities Finance Agency Revenue, 5.125%, 7/1/31	\$
1,000AA/NR	North Carolina Capital Facilities Finance Agency Student Revenue, 5.0%	
1,000AA/NR	North Carolina Capital Facilities Finance Agency Student Revenue, 5.0%	
1,000NR/NR	North Carolina Medical Care Commission Health Care Facilities Revenue, 5.0%	\$
	Ohio - 1.4%	
2,000,B-/Caa2	Cleveland Airport Special Revenue, 5.7%, 12/1/19	\$
3,000,AAA/Aaa	Columbus City School District, 5.0%, 12/1/32	
1,000AAA/Aaa	Hamilton County Hospital Facilities Revenue, 5.125%, 5/15/28	\$
	Oregon - 0.7%	
2,935,NR/Aa2	Oregon State Housing & Community Services Department Multi-Family Revenue, 5.0%	\$
	Pennsylvania - 2.6%	
5,000,AAA/Aaa	Pennsylvania State Turnpike Commission Oil Franchise Tax Revenue, 5.0%	\$
3,000,A-/NR	Sayre Health Care Facilities Authority Revenue, 5.875%, 12/1/31	
2,165AA+/Aa1	Swarthmore Borough Authority College Revenue, 5.0%, 9/15/31	\$
	Puerto Rico - 4.7%	
8,000,A/Baa1	Puerto Rico Commonwealth Highway & Transportation Authority Revenue, 5.0%	\$
5,000,A-/Baa1	Puerto Rico Public Buildings Authority Revenue, 5.25%, 7/1/33	
5,000,BBB+/Baa2	Puerto Rico Public Finance Corp., 5.75%, 8/1/27	\$
	Rhode Island - 1.0%	
1,545BBB/Baa3	Tobacco Settlement Financing Corp., 6.125%, 6/1/32	\$
3,100BBB/Baa3	Tobacco Settlement Financing Corp., 6.25%, 6/1/42	\$
	South Carolina - 5.5%	
6,000,A-/A3	Berkeley County School District Installment Lease, 5.0%, 12/1/28	\$
5,000,AAA/Aaa	Florence County Hospital Revenue, 5.25%, 11/1/34	
3,500,A/A2	Lexington County Health Services District, Inc., Hospital Revenue, 5.5%	
2,500,A-/A3	South Carolina Jobs Economic Development Authority Revenue, 5.5%, 11/1/31	\$
5,000,A-/A3	South Carolina Jobs Economic Development Authority Revenue, 5.625%, 11/1/31	\$

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

Principal Amount	S&P/ Moody's Ratings	
\$ 2,500,00NR/Baa3		Tennessee - 0.6%
		Knox County Health Educational & Housing Facilities Board Hospital Revenue, 5.0%
		Texas - 2.1%
2,750,AAA/Aaa		Lower Colorado River Authority, 5.0%, 5/15/31
3,000,BBB/Baa2		Richardson Hospital Authority, 6.0%, 12/1/34
1,000BBB-/NR		Seguin Higher Education Facilities Corporation Revenue, 5.0%, 9/1/23
1,500NR/Baa3		Texas State Student Housing Revenue, 6.5%, 9/1/34
		Vermont - 0.3%

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1,295AA/Aa3	Vermont Educational & Health Buildings Financing Agency Revenue, 5.0%	\$
	Virginia - 1.4%	
1,500NR/A3	Prince William County Industrial Development Hospital Revenue, 5.2%	\$
3,925,NR/A3	Prince William County Industrial Development Hospital Revenue, 5.35%	\$
	Washington - 5.5%	
8,000,AAA/Aaa	King County Washington Sewer Revenue, 5.0%, 1/1/35	\$
3,000,AAA/Aaa	Spokane County General Obligation, 5.0%, 12/1/33	
7,000,BBB/Baa3	Tobacco Settlement Authority Revenue, 6.625%, 6/1/32	
9,805,AAA/Aaa	Washington State General Obligation, 0.0%, 12/1/19	\$
	Wisconsin - 0.9%	
3,500,BBB+/NR	Wisconsin State Health & Educational Facilities Authority Revenue, 5.0%	\$
	TOTAL TAX-EXEMPT OBLIGATIONS	\$
	(Cost \$309,286,571) (b)	\$

Shares

	COMMON STOCKS - 35.7% OF NET ASSETS	
	Energy - 1.2%	
	Oil & Gas - 1.2%	
25,000	ChevronTexaco Corp.	\$
45,000	Kerr-McGee Corp.	\$
	Total Energy	\$
	Materials - 2.4%	
	Chemicals - 2.0%	
83,000	Eastman Chemical Co.	\$
192,045	Lyondell Chemical Co.	\$
10,200	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 - 0.6%	
	Commercial Services & Supplies - 0.6%	
39,600	R.R. Donnelley & Sons Co.	\$
100,000	ServiceMaster Co.	\$
	Total Industrials	\$
	Capital Goods - 2.0%	
	Automobiles - 0.8%	
80,000	General Motors Corp.	\$
	Household Durables - 1.2%	
50,000	Bassett Furniture Industries, Inc.	\$
48,386	Kimball International, Inc.	\$
33,700	Knappe & Vogt Manufacturing Co.	\$
166,444	Tupperware Corp.	\$
	Total Capital Goods	\$

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SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

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Shares

	Food, Beverage & Tobacco - 3.6%	
	Food & Staples Retailing - 0.3%	
70,000	Lance, Inc.	\$
	Food Retail - 0.5%	
78,100	ConAgra Foods, Inc.	\$
	Tobacco - 2.8%	
76,000	Altria Group, Inc.	\$
115,000	Loews Corp. - Carolina Group	
33,000	Reynolds American, .Inc.	
56,000	UST, Inc.	
	Total Food, Beverage & Tobacco	\$
	Health Care - 2.8%	
	Pharmaceuticals - 2.8%	
281,215	Bristol-Myers Squibb Co.	\$
108,268	Merck & Co., Inc.	
	Total Health Care	\$
	Financials - 6.4%	
	Commercial Banks - 5.9%	
182,800	Bank of America Corp.	\$
78,200	FirstMerit Corp.	
163,100	KeyCorp	
90,000	National City Corp.	
67,800	Regions Financial Corp.	
222,700	TrustCo Bank Corp., NY	
	Thrifths & Mortgage Finance - 0.5%	\$
50,000	Washington Mutual, Inc.	\$
	Total Financials	\$
	Telecommunication Services - 2.6%	
	Diversified Telecommunication Services - 2.6%	
257,900	AT&T Corp.	\$
260,000	SBC Communications, Inc.	
	Total Telecommunication Services	\$
	Utilities - 14.1%	
	Electric Utilities - 11.4%	
137,135	Ameren Corp.	\$
220,000	Cinergy Corp.	
200,000	Consolidated Edison, Inc.	
214,097	DTE Energy Co.	
138,400	Empire District Electric Co.	
74,383	Great Plains Energy, Inc.	
67,056	NSTAR	
179,000	Southern Co.	
	Gas Utilities - 1.1%	\$
112,249	KeySpan Corp.	\$
	Multi-Utilities - 1.6%	
303,253	Duke Energy Corp.	\$
	Total Utilities	\$
	TOTAL COMMON STOCKS	\$
	(Cost \$144,473,656)	\$
	Pioneer Tax Advantaged Balanced Trust	

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

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Shares

	NON-CONVERTIBLE PREFERRED STOCKS - 22.6% OF NET ASSETS	
	Energy - 1.2%	
	Oil & Gas - 1.2%	
49,300	Apache Corp., Series B, 5.68%	\$
	Total Energy	\$
	Financials - 18.4%	
	Commercial Banks - 2.8%	
94,000	Bank of America Corp., Series VI, 6.75%	\$
200,000	Royal Bank of Scotland Group Plc, Series B, 5.75%	
55,000	Wachovia Preferred Funding Corp., Series A, 7.25%	\$
	Thrifths & Mortgage Finance - 6.5%	
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%	\$
	Diversified Financial Services - 1.7%	
55,000	Citigroup Inc., Series G, 6.213%	\$
81,500	Citigroup Inc., Series M, 5.864%	\$
	Consumer Finance - 0.7%	
50,000	SLM Holding Corp., Series A, 6.97%	\$
	Capital Markets - 2.4%	
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%	\$
	Insurance - 1.9%	
110,000	ACE Ltd., Series C, 7.8%	\$
70,000	RenaissanceRe Holdings, Ltd., Series C, 6.08%	
109,000	XL Capital, Ltd., Series B, 7.625%	\$
	Real Estate - 2.4%	
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%	
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%	\$
	Total Financials	\$
	Utilities - 3.0%	
	Electric Utilities - 2.6%	
98,000	Alabama Power Co., 5.3%	\$
113,000	Alabama Power Co., 5.83%	
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%	\$
	Gas Utilities - 0.4%	
62,000	Southern Union Co., Series C, 7.55%	\$

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Total Utilities \$
 TOTAL NON-CONVERTIBLE PREFERRED STOCKS \$
 (Cost \$93,972,462)

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

Shares

	CONVERTIBLE PREFERRED STOCKS - 6.0% OF NET ASSETS	
	Financials - 2.7%	
	Commercial Banks - 1.0%	
30,000	Bank One Capital V, 8.0%	\$
105,000	Bank One Capital VI, 7.2%	\$
27,000	Fleet Capital Trust VII, 7.2%	\$
	Thrifths & Mortgage Finance - 0.1%	
12,000	Countrywide Capital IV, 6.75%	\$
	Consumer Finance - 0.1%	
18,000	MBNA Capital, Series D, 8.125%	\$
	Capital Markets - 1.0%	
65,000	Merrill Lynch Preferred Capital Trust IV, 7.12%	\$
87,000	Merrill Lynch Preferred Capital Trust V, 7.28%	\$
	Insurance - 0.5%	
70,000	St. Paul Capital Trust I, 7.6%	\$
	Total Financials	\$
	Industrials - 0.5%	
	Aerospace & Defense - 0.5%	
15,000	Northrop Grumman Corp., 7.0%	\$
	Total Industrials	\$
	Telecommunication Services - 1.5%	
	Diversified Telecommunication Services - 1.5%	
60,000	Alltel Corp., 7.75%	\$
126,000	CenturyTel, Inc., 6.875%	\$
	Total Telecommunication Services	\$
	Utilities - 1.3%	
	Electric Utilities - 1.3%	
31,000	DTE Energy Co., 8.75%	\$
80,000	Energy East Capital Trust I, 8.25%	\$
94,000	Virginia Power Capital Trust II, 7.375%	\$
	Total Utilities	\$
	TOTAL CONVERTIBLE PREFERRED STOCKS	\$
	(Cost \$24,020,412)	
	TAX-EXEMPT MONEY MARKET MUTUAL FUND - 0.2% OF NET ASSETS	
733,064	BlackRock Provident Institutional Municipal Fund	\$
	TOTAL TAX-EXEMPT MONEY MARKET MUTUAL FUND	\$
	(Cost \$733,064)	
	TOTAL INVESTMENTS IN SECURITIES - 142.0%	\$
	(Cost \$572,486,165) (c)	\$
	OTHER ASSETS AND LIABILITIES 1.4%	\$
	PREFERRED SHARES AT REDEMPTION VALUE INCLUDING	\$
	DIVIDENDS PAYABLE - (43.5)%	\$

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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 coupon rate becomes effective until final maturity.
- (b) The concentration of tax-exempt investments by type of obligation/market sector is:
- Insured
 - General Obligation
 - Revenue Bonds:
 - Health Revenue
 - Development Revenue
 - Tobacco Revenue
 - Education Revenue
 - Other
 - Transportation Revenue
 - Utilities Revenue
 - Water Revenue
 - School District Revenue
 - Facilities Revenue
 - Pollution Revenue
 - Housing Revenue
 - Gaming Revenue
 - Airport Revenue

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/04 (unaudited) (continued)

- (c) At August 31, 2004, the net unrealized loss on investments based on cost for federal tax purposes of \$572,460,924 was as follows:
- Aggregate gross unrealized gain for all investments in which there is an excess of cost over market value \$
- Aggregate gross unrealized loss for all investments in which there is an excess of market value over cost \$
- Net unrealized loss \$
- For financial reporting purposes net unrealized gain on investments was \$3,734,466 and net unrealized loss on investments aggregated \$572,486,165.

ITEM 2. CONTROLS AND PROCEDURES.

(a) Disclose the conclusions of the registrant's principal executive officer or 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

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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 have 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 October 29, 2004

Pursuant to the requirements of the Securities Exchange Act of 1934 and the 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 October 29, 2004

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

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Vincent Nave, Treasurer

Date October 29, 2004

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