

PIONEER TAX ADVANTAGED BALANCED TRUST
Form N-Q
October 26, 2006

OMB APPROVAL
OMB Number: 3235-0578
Expires: May 31, 2007
Estimated average burden
hours per response.....
21.09

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, 2006

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.

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

ITEM 1. Schedule of Investments.

Pioneer Tax Advantaged Balanced Trust

SCHEDULE OF INVESTMENTS 8/31/06 (unaudited)

Principal Amount		Value
	TAX EXEMPT OBLIGATIONS - 73.9% of Net Assets	
	Alabama - 2.0%	
\$6,990,000	Birmingham Waterworks & Sewer Revenue, 5.0%,	\$ 7,182,295
1,500,000	Sylacauga Health Care Authority Revenue, 6.0%	1,549,020
	\$	8,731,315
	Arizona - 0.9%	
1,000,000	Maricopa County Hospital Revenue, 5.0%, 4/1/3	\$ 1,014,460
1,000,000	Pima County Industrial Development Authority,	1,039,380
1,000,000	Pima County Industrial Development Authority,	1,045,000
1,000,000	Pima County Industrial Development Authority,	1,056,110
	\$	4,154,950
	California - 3.6%	
1,000,000	California Health Facilities Authority Revenue	\$ 1,054,390
4,000,000	Golden State Tobacco Securitization Corp., 6.	4,512,360
9,655,000	(a)Golden State Tobacco Securitization Corp., RI	10,291,072
	\$	15,857,822
	Connecticut - 1.3%	
4,190,000	Connecticut State Development Authority Pollu	\$ 4,385,799
1,500,000	Mohegan Tribe Indians Gaming Authority, 5.25%	1,512,960
	\$	5,898,759
	District of Columbia - 1.0%	
4,000,000	District of Columbia Tobacco Settlement Finan	\$ 4,362,840
	Florida - 3.4%	
1,105,000	Highlands County Health Facilities Authority	\$ 1,143,664
5,000,000	Highlands County Health Facilities Authority	5,452,600
1,080,000	Madison County First Mortgage Revenue, 6.0%,	1,114,387
2,025,000	Miami Beach Health Facilities Authority, 5.37	2,049,118
500,000	Miami Beach Health Facilities Authority, 6.7%	553,390
3,970,000	(a)Tampa-Hillsborough County Expressway Authorit	4,839,112
	\$	15,152,271
	Georgia - 5.0%	
5,000,000	Burke County Development Authority Revenue, 4	\$ 5,034,800
9,580,000	(a)Georgia Municipal Electric Authority Power Re	11,794,992
2,500,000	Milledgeville-Baldwin County Development Auth	2,659,650
2,500,000	Milledgeville-Baldwin County Development Auth	2,673,425
	\$	22,162,867
	Illinois - 4.0%	
3,000,000	Chicago Illinois General Obligation, 5.0%, 1/	\$ 3,124,950
4,580,000	Illinois Development Finance Authority Revenue	4,778,910
5,000,000	Illinois Educational Facilities Authority Rev	5,146,600
2,000,000	Illinois Finance Authority Revenue, 5.5%, 8/1	2,138,940
2,055,000	(a)Illinois Finance Authority Revenue, RIB, 8.51	2,540,391
	\$	17,729,791
	Indiana - 1.0%	
4,135,000	Indiana State Development Finance Authority R	\$ 4,287,499
	Louisiana - 2.0%	
8,335,000	Tobacco Settlement Financing Corp., 5.875%, 5	\$ 8,783,423

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

Maryland - 1.3%		
3,000,000	Frederick County Educational Facilities Reven	\$ 3,149,760
2,500,000	Maryland State Health & Higher Educational Fa	2,590,350
		\$ 5,740,110
Massachusetts - 4.2%		
2,000,000	Massachusetts Health & Educational Facilities	\$ 2,079,620
1,550,000	Massachusetts Health & Educational Facilities	1,560,137
1,600,000	Massachusetts Health & Educational Facilities	1,641,072
2,120,000	Massachusetts Health & Educational Facilities	2,195,536
900,000	Massachusetts Health & Educational Facilities	972,945
2,750,000	Massachusetts Health & Educational Facilities	3,004,210
2,000,000	Massachusetts State Development Finance Agenc	2,042,480
500,000	Massachusetts State Development Finance Agenc	508,650
1,100,000	Massachusetts State Development Finance Agenc	1,170,004
1,000,000	Massachusetts State Development Finance Agenc	1,052,410
2,000,000+	University of Massachusetts Building Authorit	2,203,780
		\$ 18,430,844
Michigan - 2.0%		
5,000,000	Macomb County Hospital Finance Authority Reve	\$ 5,277,000
2,000,000	Michigan State Hospital Finance Authority Rev	2,056,120
1,000,000	Michigan State Hospital Finance Authority Rev	1,037,790
335,000	Pontiac Hospital Finance Authority Revenue, 6	335,084
		\$ 8,705,994
Minnesota - 0.8%		
2,000,000	Duluth Economic Development Authority Health	\$ 2,090,200
1,500,000	Duluth Economic Development Authority Health	1,554,210
		\$ 3,644,410
Missouri - 0.4%		
1,720,000	Missouri State Health & Educational Authority	\$ 1,819,571
Montana - 0.2%		
1,000,000	Montana Finance Authority Hospital Facilities	\$ 1,022,490
Nebraska - 1.3%		
4,980,000	(a)Nebraska Public Power District Revenue, RIB,	\$ 5,701,453
Nevada - 1.6%		
3,000,000	Clark County Industrial Development Revenue,	\$ 2,990,700
1,500,000	Henderson Nevada Health Care Facilities Reven	1,611,285
2,500,000	Washoe County Water Facility Revenue, 5.0%, 3	2,516,150
		\$ 7,118,135
New Hampshire - 0.7%		
1,900,000+	New Hampshire Business Finance Authority Reve	\$ 2,000,662
1,000,000	New Hampshire Health & Education Facilities A	1,065,110
		\$ 3,065,772
New Jersey - 5.8%		
1,250,000	Camden County Improvement Authority Revenue,	\$ 1,336,162
5,920,000	(a)Garden State Preservation Trust, RIB, 9.403%,	8,856,277
710,000	New Jersey Economic Development Authority Rev	728,836
1,230,000	New Jersey Economic Development Authority Rev	1,264,366
1,500,000	New Jersey Health Care Facilities Financing A	1,409,415
5,000,000	New Jersey Health Care Facilities Financing A	5,189,050
3,500,000	New Jersey Health Care Facilities Financing A	3,581,200
3,000,000	Tobacco Settlement Financing Corp., 6.25%, 6/	3,241,740
		\$ 25,607,046
New Mexico - 0.6%		
1,000,000	Dona Ana County PILT Revenue, 5.25%, 12/1/25	\$ 1,062,470
1,500,000	Farmington New Mexico Hospital Revenue, 5.0%,	1,542,585
		\$ 2,605,055

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

	New York - 4.9%	
2,000,000	Dutchess County Industrial Development Agency \$	2,185,960
1,000,000	New York City Industrial Development Agency,	1,047,430
1,000,000	New York City Industrial Development Agency,	1,078,410
8,820,000	(b)New York City Transitional Finance Authority	7,220,758
5,000,000	Port Authority of New York & New Jersey Reven	5,200,600
4,900,000	Triborough Bridge & Tunnel Authority, 5.25%,	5,213,600
	\$	21,946,758
	North Carolina - 1.4%	
3,000,000	North Carolina Capital Facilities Finance Age \$	3,113,730
1,000,000	North Carolina Capital Facilities Finance Age	1,032,340
1,000,000	North Carolina Capital Facilities Finance Age	1,029,830
1,000,000	North Carolina Medical Care Commission Health	1,025,540
	\$	6,201,440
	Ohio - 1.4%	
2,000,000	Cleveland Airport Special Revenue, 5.7%, 12/1 \$	1,955,840
3,000,000	Columbus City School District, 5.0%, 12/1/32	3,144,360
1,000,000	Hamilton County Hospital Facilities Revenue,	1,052,890
	\$	6,153,090
	Oregon - 0.7%	
2,935,000	Oregon State Housing & Community Services Dep \$	3,009,842
	Pennsylvania - 2.7%	
5,000,000	Pennsylvania State Turnpike Commission Oil Fr \$	5,225,200
3,000,000	Sayre Health Care Facilities Authority Revenu	3,233,460
280,000	Scranton-Lackawanna Health and Welfare Author	279,686
700,000	Scranton-Lackawanna Health and Welfare Author	700,294
460,000	Scranton-Lackawanna Health and Welfare Author	460,547
2,165,000	Swarthmore Borough Authority College Revenue,	2,230,989
	\$	12,130,176
	Puerto Rico - 3.3%	
8,000,000	Puerto Rico Commonwealth Highway & Transporta \$	8,192,240
5,000,000	Puerto Rico Public Buildings Authority Revenu	5,218,100
1,000,000	Puerto Rico Public Finance Corp., 5.75%, 8/1/	1,074,360
	\$	14,484,700
	Rhode Island - 1.1%	
1,640,000	Tobacco Settlement Financing Corp., 6.125%, 6 \$	1,738,203
3,100,000	Tobacco Settlement Financing Corp., 6.25%, 6/	3,288,914
	\$	5,027,117
	South Carolina - 4.0%	
6,000,000	Berkeley County School District Installment L \$	6,135,000
5,000,000	Florence County Hospital Revenue, 5.25%, 11/1	5,307,300
3,500,000	Lexington County Health Services District, In	3,683,680
2,500,000	South Carolina Jobs Economic Development Auth	2,650,525
	\$	17,776,505
	Tennessee - 0.6%	
2,500,000	Knox County Health Educational & Housing Faci \$	2,744,350
	Texas - 3.6%	
1,552,000	Houston Housing Financing Corp., 6.25%, 9/20/ \$	1,670,728
2,885,000	(a)Houston Utility System Revenue, RIB, 7.725%,	3,627,599
2,750,000	Lower Colorado River Authority, 5.0%, 5/15/31	2,833,682
1,711,000	Panhandle Regional Housing Finance Corp., 6.6	1,877,035
3,000,000	Richardson Hospital Authority, 6.0%, 12/1/34	3,246,780
1,000,000	Seguin Higher Education Facilities Corp. Reve	1,014,480
1,500,000	Texas State Student Housing Revenue, 6.5%, 9/	1,614,210
	\$	15,884,514
	Vermont - 0.3%	
1,295,000	Vermont Educational & Health Buildings Financ \$	1,342,462
	Virginia - 2.2%	
1,500,000	Prince William County Industrial Development \$	1,578,435

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

3,925,000	Prince William County Industrial Development		4,164,739
4,000,000	Virginia College Building Authority Revenue,		4,143,400
	Washington - 3.6%	\$	9,886,574
8,000,000	King County Washington Sewer Revenue, 5.0%, 1	\$	8,261,120
7,000,000	Tobacco Settlement Authority Revenue, 6.625%,		7,700,980
	West Virginia - 0.2%	\$	15,962,100
1,000,000	Monongalia County Building Commission Hospita	\$	1,035,300
	Wisconsin - 0.8%		
3,500,000	Wisconsin State Health & Educational Faciliti	\$	3,627,960
	TOTAL TAX-EXEMPT OBLIGATIONS		
	(Cost \$310,626,999) (c)	\$	327,795,305
Shares			
	COMMON STOCKS - 34.8% of Net Assets		
	Materials - 0.7%		
	Diversified Chemicals - 0.3%		
94,000	Olin Corp.	\$	1,412,820
	Construction Materials - 0.0%		
3,950	Monarch Cement Co.	\$	109,415
	Diversified Metals & Mining - 0.4%		
56,012	Compass Minerals International, Inc.	\$	1,497,201
	Steel - 0.0%		
200	Worthington Industries, Inc.	\$	3,822
	Total Materials	\$	3,023,258
	Consumer Services & Supplies - 0.6%		
	Commercial Printing - 0.6%		
79,034	R.R. Donnelley & Sons Co.	\$	2,562,282
	Total Consumer Services & Supplies	\$	2,562,282
	Consumer Durables & Apparel - 1.1%		
	Home Furnishings - 0.4%		
50,000	Bassett Furniture Industries, Inc.	\$	864,000
48,386	Kimball International, Inc.	\$	853,529
		\$	1,717,529
	Housewares & Specialties - 0.7%		
166,444	Tupperware Corp.	\$	2,997,657
	Total Consumer Durables & Apparel	\$	4,715,186
	Consumer Services - 0.5%		
	Specialized Consumer Services - 0.5%		
200,227	ServiceMaster Co.	\$	2,300,608
	Total Consumer Services	\$	2,300,608
	Media - 0.9%		
	Movies & Entertainment - 0.9%		
206,487	Regal Entertainment Group	\$	4,073,989
	Total Media	\$	4,073,989
	Food, Beverage & Tobacco - 5.1%		
	Tobacco - 5.1%		
76,000	Altria Group, Inc.	\$	6,348,280
172,872	Loews Corp. - Carolina Group		9,898,651
120,356	UST, Inc.		6,362,018
	Total Food, Beverage & Tobacco	\$	22,608,949

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

	Pharmaceuticals, Biotechnology & Life Sciences - 3.6%	
	Pharmaceuticals - 3.6%	
329,758	Bristol-Myers Squibb Co.	\$ 7,172,237
216,536	Merck & Co., Inc.	8,780,535
	Total Pharmaceuticals, Biotechnology & Life S	\$ 15,952,772
	Banks - 3.7%	
	Diversified Banks - 0.4%	
28,642	Wachovia Corp.	\$ 1,564,712
	Regional Banks - 2.3%	
78,200	FirstMerit Corp.	\$ 1,799,382
81,550	KeyCorp	3,000,225
90,000	National City Corp.	3,112,200
67,800	Regions Financial Corp.	2,440,122
		\$ 10,351,929
	Thrifts & Mortgage Finance - 1.0%	
222,700	TrustCo Bank Corp., NY	\$ 2,449,700
50,000	Washington Mutual, Inc.	2,094,500
		\$ 4,544,200
	Total Banks	\$ 16,460,841
	Diversified Financials - 0.5%	
	Other Diversified Financial Services - 0.5%	
42,500	Bank of America Corp.	\$ 2,187,475
	Total Diversified Financials	\$ 2,187,475
	Telecommunication Services - 8.0%	
	Integrated Telecommunication Services - 8.0%	
421,497	AT&T, Inc.	\$ 13,121,202
529,946	Citizens Communications Co.	7,307,955
198,116	Verizon, Communications, Inc.	6,969,721
614,074	Windstream Corp.	8,105,777
	Total Telecommunication Services	\$ 35,504,655
	Utilities - 10.1%	
	Electric Utilities - 1.2%	
138,400	Empire District Electric Co.	\$ 3,127,840
74,383	Great Plains Energy, Inc.	2,270,169
		\$ 5,398,009
	Gas Utilities - 3.3%	
81,249	AGL Resources, Inc.	\$ 2,956,650
395,466	Atmos Energy Corp.	11,389,421
		\$ 14,346,071
	Multi-Utilities - 5.6%	
137,135	Ameren Corp.	\$ 7,343,579
100,000	Consolidated Edison, Inc.	4,620,000
285,753	Duke Energy Corp.	8,572,590
134,112	NSTAR	4,416,308
		\$ 24,952,477
	Total Utilities	\$ 44,696,557
	TOTAL COMMON STOCKS	
	(Cost \$137,653,788)	\$ 154,086,572
	NON-CONVERTIBLE PREFERRED STOCKS - 27.4% of Net Assets	
	Energy - 1.1%	
	Oil & Gas Exploration & Production- 1.1%	
49,300	Apache Corp., Series B, 5.68%	\$ 4,846,806
	Total Energy	\$ 4,846,806

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

	Automobiles & Components - 0.4%		
	Automobile Manufacturers - 0.4%		
46,446	Ford Motor Co. Capital Trust II, 6.5%	\$	1,552,797
	Total Automobiles & Components	\$	1,552,797
	Banks - 8.3%		
	Diversified Banks - 2.3%		
105,000	Bank One Capital VI, 7.2%	\$	2,631,340
27,000	Fleet Capital Trust VII, 7.2%		675,769
200,000	Royal Bank of Scotland Group Plc, Series L, 5		4,816,000
71,000	Wachovia Preferred Funding Corp., Series A, 7		1,985,160
		\$	10,108,269
	Thrifts & Mortgage Finance - 6.0%		
21,500	Countrywide Capital IV, 6.75%	\$	535,488
201,000	Fannie Mae, Series L, 5.125%		8,954,550
114,000	Fannie Mae, Series M, 4.75%		4,702,500
100,000	Fannie Mae, Series N, 5.5%		4,735,000
57,000	Freddie Mac, 5.81%		2,992,500
39,000	Freddie Mac, Series F, 5.0%		1,696,500
58,000	Freddie Mac, Series K, 5.79%		2,995,700
		\$	26,612,238
	Total Banks	\$	36,720,507
	Diversified Financials - 6.4%		
	Other Diversified Financial Services - 2.4%		
55,000	Citigroup Inc., Series G, 6.213%	\$	2,777,500
81,500	Citigroup Inc., Series M, 5.864%		4,050,550
150,000	JP Morgan Chase Capital Trust XVI, 6.35%		3,706,500
		\$	10,534,550
	Consumer Finance - 0.9%		
18,000	MBNA Capital, Series D, 8.125%	\$	464,519
70,000	SLM Holdings Corp., Series A, 6.97%		3,762,500
		\$	4,227,019
	Investment Banking & Brokerage - 3.1%		
57,000	Bear Stearns Companies, Inc., Series F, 5.72%	\$	2,807,250
40,000	Bear Stearns Companies, Inc., Series G, 5.49%		1,898,000
100,000	Lehman Brothers Holdings, Inc., 6.5%		2,582,000
19,000	Lehman Brothers Holdings, Inc., Series C, 5.9		966,150
30,000	Lehman Brothers Holdings, Inc., Series D, 5.6		1,453,500
65,000	Merrill Lynch Preferred Capital Trust IV, 7.1		1,646,164
87,000	Merrill Lynch Preferred Capital Trust V, 7.28		2,220,982
		\$	13,574,046
	Total Diversified Financials	\$	28,335,615
	Insurance - 4.1%		
	Life & Health Insurance - 0.7%		
159,000	Scottish Re Group Ltd., 7.25%	\$	3,218,160
	Property & Casualty Insurance 2.5%		
110,000	ACE, Ltd., Series C, 7.8%	\$	2,846,800
161,000	Berkley W.R. Capital Trust II, 6.75%		3,954,952
70,000	St. Paul Capital Trust I, 7.6%		1,753,276
109,000	XL Capital, Ltd., Series B, 7.625%		2,795,850
		\$	11,350,878
	Reinsurance - 0.9%		
170,500	RenaissanceRe Holdings, Ltd., Series C, 6.08%	\$	3,790,215
	Total Insurance	\$	18,359,253
	Real Estate - 3.8%		
	Diversification REIT's - 0.9%		
128,000	PS Business Parks, Inc., Series H, 7.0%	\$	3,183,360
32,440	PS Business Parks, Inc., Series I, 6.875%		798,024

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

		\$	3,981,384
40,000	Industrial REIT's - 0.2%		
	Prologis Trust, Series G, 6.75%		1,004,000
	Office REIT's - 0.5%		
15,000	Brandywine Realty Trust, Series C, 7.5%	\$	380,250
34,500	Brandywine Realty Trust, Series D, 7.375%		865,260
27,000	Equity Office Properties Trust, Series G, 7.7		685,260
		\$	1,930,770
	Residential REIT's - 0.5%		
92,000	Home Properties New York, Inc., Series F, 9.0	\$	2,332,200
	Retail REIT's - 0.8%		
53,500	Regency Centers Corp., 6.7%	\$	1,282,395
94,000	Regency Centers Corp., Series C, 7.45%		2,381,960
		\$	3,664,355
	Specialized REIT's - 0.9%		
124,000	Public Storage, Inc., Series F, 6.45%	\$	3,019,400
35,480	Public Storage, Inc., Series T, 7.625%		902,611
		\$	3,922,011
	Total Real Estate	\$	16,834,720
	Utilities - 3.3%		
	Electric Utilities - 2.9%		
98,000	Alabama Power Co., 5.3%	\$	2,446,943
113,000	Alabama Power Co., 5.83%		2,823,870
78,000	Interstate Power and Light Co., Series B, 8.3		2,359,500
40,000	Mississippi Power Co., 5.25%		935,000
7,700	PPL Electric Utilities Corp., 4.5%		631,400
73,000	Southern California Edison Co., 4.32%		1,430,800
94,000	Virginia Power Capital Trust II, 7.375%		2,384,730
		\$	13,012,243
	Gas Utilities - 0.4%		
62,000	Southern Union Co., Series C, 7.55%	\$	1,608,900
	Total Utilities	\$	14,621,143
	TOTAL NON-CONVERTIBLE PREFERRED STOCKS (Cost \$126,113,251)	\$	121,270,841
	CONVERTIBLE PREFERRED STOCKS - 1.9% of Net Assets		
	Capital Goods - 0.4%		
	Aerospace & Defense - 0.4%		
15,000	Northrop Grumman Corp., 7.0%	\$	1,965,000
	Total Capital Goods	\$	1,965,000
	Diversified Financials - 1.2%		
	Other Diversified Financial Services - 1.2%		
161,000	Lazard, Ltd., 6.625%	\$	5,448,240
	Total Diversified Financials	\$	5,448,240
	Insurance - 0.3%		
	Property & Casualty Insurance - 0.3%		
47,919	XL Capital, Ltd., Class A, 7.0%	\$	1,187,433
	Total Insurance	\$	1,187,433
	TOTAL CONVERTIBLE PREFERRED STOCKS (Cost \$7,130,041)	\$	8,600,673
	TAX-EXEMPT MONEY MARKET MUTUAL FUND - 0.4% of Net Assets		
1,882,987	BlackRock Provident Institutional Municipal F	\$	1,882,987
	TOTAL TAX-EXEMPT MONEY MARKET MUTUAL FUND (Cost \$1,882,987)	\$	1,882,987

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

TOTAL INVESTMENTS IN SECURITIES - 138.4%
 (Cost \$583,407,066) (d) \$ 613,636,378
 OTHER ASSETS AND LIABILITIES - 1.4% \$ 6,398,173
 PREFERRED SHARES AT REDEMPTION VALUE, INCLUDING
 DIVIDENDS PAYABLE - (39.8%) \$ (176,511,924)
 NET ASSETS APPLICABLE TO COMMON SHAREOWNERS - \$ 443,522,627

(144A) Security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold normally to qualified institutional buyers in a transaction exempt from registration. At August 31, 2006, the value of these securities amounted \$51,164,518, or 11.5% of total net assets.

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

+ Prerefunded bonds have been collateralized by U.S. Treasury securities which are held in escrow to pay interest and principal on the tax exempt issue and to retire the bonds in full at the earliest refunding date.

(a) The interest rate is subject to change periodically and inversely based upon prevailing market rates. The interest rate shown is the rate at August 31, 2006.

(b) Debt obligation initially issued at one coupon which converts to a higher coupon at a specific date. The rate shown is the rate at period end.

(c) The concentration of tax-exempt investments by type of obligation/market sector is as follows:

Insured	%
Revenue Bonds:	
Health Revenue	25.8
Tobacco Revenue	13.2
Development Revenue	8.8
Education Revenue	7.8
Transportation Revenue	4.1
Other	3.8
Housing Revenue	2.0
School District Revenue	1.9
Facilities Revenue	1.6
Pollution Control Revenue	1.4
Water Revenue	1.3
Airport Revenue	0.6
Gaming Revenue	0.5
	%

(d) At August 31, 2006, the net unrealized gain on investments based on cost for federal income tax purposes of \$583,236,230 was as follows:

Aggregate gross unrealized gain for all investments in which there is an excess of value over tax	\$ 39,273,805
Aggregate gross unrealized loss for all investments in which there is an excess of tax cost over value	(8,873,657)
Net unrealized gain	\$ 30,400,148

For financial reporting purposes net unrealized gain on investments

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

was

\$30,229,312 and cost of investments aggregated \$583,407,066.

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 principal executive officer and principal financial officer have concluded that the registrant's disclosure controls and procedures are effective based on their evaluation of these controls and procedures as of a date within 90 days of 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 were no significant changes in the registrant's internal control over financial reporting that occurred during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

The registrant's principal executive officer and principal financial officer, however, voluntarily are reporting the following information:

In August of 2006 the registrant's investment adviser enhanced its internal procedures for reporting performance information required to be included in prospectuses. Those enhancements involved additional internal controls over the appropriateness of performance data generated for this purpose. Such enhancements were made following an internal review which identified prospectuses relating to certain classes of shares of a limited number of registrants where, inadvertently, performance information not reflecting the deduction of applicable sales charges was included. Those prospectuses were revised, and the revised prospectuses were distributed to shareholders.

Edgar Filing: PIONEER TAX ADVANTAGED BALANCED TRUST - Form N-Q

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 30, 2006

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 30, 2006

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

Date October 30, 2006

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