

PIONEER TAX ADVANTAGED BALANCED TRUST
Form N-Q
October 30, 2007

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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, 2007

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 8/31/07 (unaudited)

Principal Amount		Value
	TAX EXEMPT OBLIGATIONS - 73.5% of Net Assets	
	Alabama - 1.4%	
5,000,000	Huntsville-Redstone Village Special Care Facilities Fina\$	4,533,250
1,500,000	Sylacauga Health Care Authority Revenue, 6.0%, 8/1/35	1,495,875
	\$	6,029,125
	Arizona - 1.0%	
1,000,000	Maricopa County Hospital Revenue, 5.0%, 4/1/35	\$ 917,470
470,000	+ Pima County Industrial Development Authority, 6.375%, 7/1	529,356
530,000	Pima County Industrial Development Authority, 6.375%, 7/1	544,978
989,000	Pima County Industrial Development Authority, 6.75%, 7/1/	1,021,805
1,000,000	+ Pima County Industrial Development Authority, 7.5%, 7/1/3	1,179,450
	\$	4,193,059
	California - 5.2%	
1,000,000	California Health Facilities Authority Revenue, 5.25%, 7\$	1,016,560
9,000,000	Golden State Tobacco Securitization Corp., 5.125%, 6/1/47	7,958,970
4,000,000	+ Golden State Tobacco Securitization Corp., 6.75%, 6/1/39	4,593,360
9,655,000	(aGolden State Tobacco Securitization Corp., RIB, 4.213%, 6	9,006,087
	\$	22,574,977
	Colorado - 0.6%	
3,000,000	Colorado Educational & Cultural Facilities Authority Rev\$	2,788,890
	Connecticut - 0.3%	
1,500,000	Mohegan Tribe Indians Gaming Authority, 5.25%, 1/1/33 (1\$	1,411,890
	District of Columbia - 0.9%	
4,000,000	District of Columbia Tobacco Settlement Financing Corp., \$	4,137,480
	Florida - 5.0%	
1,105,000	Highlands County Health Facilities Authority Revenue, 5.\$	1,102,392
5,000,000	+ Highlands County Health Facilities Authority Revenue, 6.0	5,519,750
5,000,000	Lee County Industrial Development Authority Revenue, 5.25	4,601,100
2,000,000	Lee County Industrial Development Authority Revenue, 5.37	1,811,920
585,000	Madison County First Mortgage Revenue, 6.0%, 7/1/25	590,651
2,025,000	Miami Beach Health Facilities Authority, 5.375%, 11/15/28	1,932,437
500,000	Miami Beach Health Facilities Authority, 6.7%, 11/15/19	531,790
1,400,000	Orange County Health Facilities Authority Revenue, 5.5%,	1,316,994
3,970,000	(aTampa-Hillsborough County Expressway Authority Revenue, R	4,423,017
	\$	21,830,051
	Georgia - 4.3%	
2,000,000	Burke County Development Authority Revenue, 4.75%, 5/1/3\$	1,973,080
9,580,000	(aGeorgia Municipal Electric Authority Power Revenue, RIB,	11,408,535
2,500,000	+ Milledgeville-Baldwin County Development Authority Revenu	2,768,525
2,500,000	+ Milledgeville-Baldwin County Development Authority Revenu	2,787,550
	\$	18,937,690
	Illinois - 3.9%	
3,000,000	Chicago Illinois General Obligation, 5.0%, 1/1/28	\$ 3,060,150
4,580,000	Illinois Development Finance Authority Revenue, 5.25%, 10	4,617,510
5,000,000	Illinois Educational Facilities Authority Revenue, 5.0%,	5,058,450
2,000,000	Illinois Finance Authority Revenue, 5.5%, 8/15/43	2,058,920
2,055,000	(aIllinois Finance Authority Revenue, RIB, 6.496%, 8/15/43	2,260,829
	\$	17,055,859
	Indiana - 3.6%	
5,000,000	Indiana Health & Educational Facilites Financing Authori\$	4,764,100

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4,135,000	Indiana State Development Finance Authority Revenue, 5.75	4,214,433
4,780,000	Vigo County Hospital Authority Revenue, 5.75%, 9/1/42 (14	4,486,938
2,570,000	Vigo County Hospital Authority Revenue, 5.8%, 9/1/47 (144	2,444,019
		\$ 15,909,490
	Iowa - 0.9%	
4,000,000	Iowa Financing Authority Senior Housing Revenue, 5.625%, \$	3,730,520
	Kansas - 0.5%	
750,000	Manhattan Health Care Facilities Revenue, 5.125%, 5/15/3\$	643,702
2,000,000	Manhattan Health Care Facilities Revenue, 5.125%, 5/15/42	1,694,700
		\$ 2,338,402
	Louisiana - 3.0%	
5,000,000	Louisiana Public Facilities Authority Revenue, 5.5%, 5/1\$	4,969,950
8,335,000	Tobacco Settlement Financing Corp., 5.875%, 5/15/39	8,304,411
		\$ 13,274,361
	Maryland - 1.7%	
3,000,000	Frederick County Educational Facilities Revenue, 5.625%, \$	3,068,010
1,000,000	Maryland State Economic Development Revenue, Series A, 5.	971,800
750,000	Maryland State Economic Development Revenue, Series B, 5.	728,850
1,000,000	Maryland State Economic Development Revenue, 5.0%, 12/1/3	882,260
2,000,000	Maryland State Health & Higher Educational Facilities Aut	1,981,140
		\$ 7,632,060
	Massachusetts - 3.1%	
2,000,000	Massachusetts Health & Educational Facilities Authority \$	2,020,020
1,550,000	Massachusetts Health & Educational Facilities Authority R	1,541,025
1,600,000	Massachusetts Health & Educational Facilities Authority R	1,606,192
2,120,000	Massachusetts Health & Educational Facilities Authority R	2,132,911
900,000	Massachusetts Health & Educational Facilities Authority R	936,396
2,750,000	Massachusetts Health & Educational Facilities Authority R	2,881,917
500,000	Massachusetts State Development Finance Agency, 5.5%, 1/1	480,840
1,100,000	Massachusetts State Development Finance Agency, 5.625%, 1	1,136,564
1,000,000	Massachusetts State Development Finance Agency, 5.7%, 10/	1,027,710
		\$ 13,763,575
	Michigan - 2.8%	
5,000,000	Macomb County Hospital Finance Authority Revenue, 5.875%\$	4,838,150
1,595,000	Meridian Economic Development Corporate Ltd. Obligation R	1,459,297
3,340,000	Michigan Public Educational Facilities Authority Revenue,	3,167,890
2,000,000	Michigan State Hospital Finance Authority Revenue, 5.25%,	1,898,680
1,000,000	Michigan State Hospital Finance Authority Revenue, 5.5%,	947,880
		\$ 12,311,897
	Minnesota - 1.3%	
2,000,000	Duluth Economic Development Authority Health Care Facili\$	2,010,820
1,500,000	Duluth Economic Development Authority Health Care Facilit	1,502,400
1,000,000	North Oaks Senior Housing Revenue, 6.0%, 10/1/33	1,003,320
1,000,000	North Oaks Senior Housing Revenue, 6.5%, 10/1/47	1,021,790
		\$ 5,538,330
	Missouri - 0.4%	
1,720,000	Missouri State Health & Educational Authority Health Fac\$	1,694,183
	Montana - 0.2%	
1,000,000	Montana Finance Authority Hospital Facilities Revenue, 5\$	1,007,330
	Nebraska - 1.2%	
4,980,000	(aNebraska Public Power District Revenue, RIB, 4.881%, 1/1\$	5,179,997
	Nevada - 0.4%	
1,500,000	Henderson Nevada Health Care Facilities Revenue, 5.625%, \$	1,545,720
	New Hampshire - 0.6%	
1,700,000	+ New Hampshire Business Finance Authority Revenue, 6.05%, \$	1,766,079
1,000,000	New Hampshire Health & Education Facilities Authority Rev	1,031,780
		\$ 2,797,859

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	New Jersey - 5.4%	
1,250,000	Camden County Improvement Authority Revenue, 5.75%, 2/15	\$ 1,266,388
5,920,000	(a)Garden State Preservation Trust, RIB, 7.439%, 11/1/22 (14	8,078,610
710,000	New Jersey Economic Development Authority Revenue, 5.75%,	704,554
1,000,000	New Jersey Economic Development Authority Revenue, 5.875%	977,220
1,000,000	New Jersey Health Care Facilities Financing Authority Rev	953,600
5,000,000	New Jersey Health Care Facilities Financing Authority Rev	4,961,650
3,500,000	New Jersey Health Care Facilities Financing Authority Rev	3,568,635
3,000,000	+ Tobacco Settlement Financing Corp., 6.25%, 6/1/43	3,368,010
		\$ 23,878,667
	New Mexico - 0.6%	
1,000,000	Dona Ana County PILT Revenue, 5.25%, 12/1/25	\$ 995,270
1,500,000	Farmington New Mexico Hospital Revenue, 5.0%, 6/1/23	1,493,415
		\$ 2,488,685
	New York - 3.5%	
2,000,000	Dutchess County Industrial Development Agency Revenue, 7	\$ 2,163,400
1,000,000	New York City Industrial Development Agency, 5.0%, 7/1/27	1,023,750
1,000,000	New York City Industrial Development Agency, 5.25%, 7/1/2	1,047,230
5,000,000	Port Authority of New York & New Jersey Revenue, 5.0%, 9/	5,069,100
1,000,000	Suffolk County Industrial Development Agency Civic Facili	908,330
4,900,000	Triborough Bridge & Tunnel Authority, 5.25%, 11/15/30	5,085,955
		\$ 15,297,765
	North Carolina - 0.7%	
1,000,000	North Carolina Capital Facilities Finance Agency Student	\$ 961,090
1,000,000	North Carolina Capital Facilities Finance Agency Student	935,300
1,000,000	North Carolina Medical Care Commission Health Care Facili	968,680
		\$ 2,865,070
	Ohio - 1.0%	
3,000,000	+ Columbus City School District, 5.0%, 12/1/32	\$ 3,220,200
1,000,000	Hamilton County Hospital Facilities Revenue, 5.125%, 5/15	1,018,370
		\$ 4,238,570
	Oregon - 0.7%	
2,935,000	Oregon State Housing & Community Services Department Mul	\$ 2,969,692
	Pennsylvania - 2.8%	
5,000,000	+ Pennsylvania State Turnpike Commission Oil Franchise Tax	\$ 5,330,700
2,315,000	+ Sayre Health Care Facilities Authority Revenue, 5.875%, 1	2,527,170
685,000	Sayre Health Care Facilities Authority Revenue, 5.875%, 1	709,598
280,000	Scranton-Lackawanna Health and Welfare Authority Hospital	281,375
700,000	Scranton-Lackawanna Health and Welfare Authority Hospital	708,029
460,000	Scranton-Lackawanna Health and Welfare Authority Hospital	465,272
2,165,000	Swarthmore Borough Authority College Revenue, 5.0%, 9/15/	2,182,255
		\$ 12,204,399
	Puerto Rico - 1.4%	
5,000,000	Puerto Rico Public Buildings Authority Revenue, 5.25%, 7	\$ 5,097,350
1,000,000	Puerto Rico Public Finance Corp., 5.75%, 8/1/27	1,059,370
		\$ 6,156,720
	Rhode Island - 1.1%	
1,640,000	Tobacco Settlement Financing Corp., 6.125%, 6/1/32	\$ 1,674,620
3,100,000	Tobacco Settlement Financing Corp., 6.25%, 6/1/42	3,109,703
		\$ 4,784,323
	South Carolina - 4.0%	
6,000,000	Berkeley County School District Installment Lease, 5.0%,	\$ 6,025,080
5,000,000	Florence County Hospital Revenue, 5.25%, 11/1/34	5,116,500
3,500,000	+ Lexington County Health Services District, Inc., Hospital	3,812,130
2,500,000	South Carolina Jobs Economic Development Authority Revenue	2,551,875
		\$ 17,505,585
	Tennessee - 0.6%	
2,500,000	Knox County Health Educational & Housing Facilities Boar	\$ 2,589,875
	Texas - 4.8%	
1,552,000	Houston Housing Financing Corp., 6.25%, 9/20/31	\$ 1,627,303

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2,885,000	(a)Houston Utility System Revenue, RIB, 5.723%, 5/15/24 (144	3,272,484
2,750,000	Lower Colorado River Authority, 5.0%, 5/15/31	2,783,110
1,711,000	Panhandle Regional Housing Finance Corp., 6.6%, 7/20/31	1,827,896
3,000,000	Richardson Hospital Authority, 6.0%, 12/1/34	3,060,660
1,000,000	Seguin Higher Education Facilities Corp. Revenue, 5.0%, 9	951,330
1,500,000	Texas State Student Housing Revenue, 6.5%, 9/1/34	1,572,000
3,000,000	Willacy County Local Government Corp. Revenue, 6.0%, 9/1/	3,002,400
3,000,000	Willacy County Local Government Corp. Revenue, 6.875%, 9/	3,003,060
		\$ 21,100,243
	Vermont - 0.3%	
1,295,000	Vermont Educational & Health Buildings Financing Agency \$	1,254,091
	Virginia - 1.2%	
1,500,000	Prince William County Industrial Development Hospital Re\$	1,513,725
3,925,000	Prince William County Industrial Development Hospital Rev	3,957,617
		\$ 5,471,342
	Washington - 2.3%	
3,000,000	King County Washington Sewer Revenue, 5.0%, 1/1/35	\$ 3,042,210
7,000,000	Tobacco Settlement Authority Revenue, 6.625%, 6/1/32	7,243,600
		\$ 10,285,810
	Wisconsin - 0.8%	
3,500,000	Wisconsin State Health & Educational Facilities Authorit\$	3,505,145
	TOTAL TAX-EXEMPT OBLIGATIONS	
	(Cost \$318,864,432) (b)	\$322,278,727
Shares		
	COMMON STOCKS - 39.3% of Net Assets	
	Energy - 0.8%	
	Oil & Gas Storage & Transportation - 0.8%	
142,876	Spectra Energy Corp.	\$ 3,321,867
	Total Energy	\$ 3,321,867
	Materials - 0.9%	
	Diversified Chemicals - 0.5%	
94,000	Olin Corp.	\$ 2,015,360
	Diversified Metals & Mining - 0.4%	
56,012	Compass Minerals International, Inc.	\$ 1,908,329
	Total Materials	\$ 3,923,689
	Consumer Services & Supplies - 0.6%	
	Commercial Printing - 0.6%	
79,034	R.R. Donnelley & Sons Co.	\$ 2,830,998
	Total Consumer Services & Supplies	\$ 2,830,998
	Consumer Durables & Apparel - 0.2%	
	Home Furnishings - 0.2%	
50,000	Bassett Furniture Industries, Inc.	\$ 577,000
31,486	Kimball International, Inc.	422,857
	Total Consumer Durables & Apparel	\$ 999,857
	Media - 1.1%	
	Movies & Entertainment - 1.0%	
206,487	Regal Entertainment Group	\$ 4,654,217
	Publishing - 0.1%	
9,905	Idearc, Inc.	\$ 338,058
	Total Media	\$ 4,992,275
	Food, Beverage & Tobacco - 6.7%	
	Packaged Foods & Meats - 1.2%	

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175,000	B&G Foods, Inc.	\$ 2,238,250
92,828	Kraft Foods, Inc.	2,976,066
		\$ 5,214,316
	Tobacco - 5.5%	
134,140	Altria Group, Inc.	\$ 9,310,657
172,872	Loews Corp. - Carolina Group	13,159,017
29,704	Reynolds American, Inc.	1,964,028
		\$ 24,433,702
	Total Food, Beverage & Tobacco	\$ 29,648,018
	Pharmaceuticals, Biotechnology & Life Sciences - 4.7%	
	Pharmaceuticals - 4.7%	
329,758	Bristol-Myers Squibb Co.	\$ 9,612,446
216,536	Merck & Co., Inc.	10,863,611
	Total Pharmaceuticals, Biotechnology & Life Sciences	\$ 20,476,057
	Banks - 6.0%	
	Diversified Banks - 0.3%	
28,642	Wachovia Corp.	\$ 1,402,885
	Regional Banks - 1.7%	
81,550	KeyCorp	\$ 2,715,615
90,000	National City Corp.	2,421,900
67,800	Regions Financial Corp.	2,122,140
		\$ 7,259,655
	Thriffs & Mortgage Finance - 4.0%	
222,700	TrustCo Bank Corp., NY	\$ 2,489,786
409,772	Washington Mutual, Inc.	15,046,828
		\$ 17,536,614
	Total Banks	\$ 26,199,154
	Diversified Financials - 0.5%	
	Diversified Financial Services - 0.5%	
42,500	Bank of America Corp.	\$ 2,153,900
	Total Diversified Financials	\$ 2,153,900
	Telecommunication Services - 10.1%	
	Integrated Telecommunication Services - 10.1%	
204,553	AT&T, Inc.	\$ 8,155,528
529,946	Citizens Communications Co.	7,689,516
406,745	Verizon Communications, Inc.	17,034,481
790,184	Windstream Corp.	11,283,828
	Total Telecommunication Services	\$ 44,163,353
	Utilities - 7.7%	
	Electric Utilities - 1.2%	
138,400	Empire District Electric Co.	\$ 3,173,512
74,383	Great Plains Energy, Inc.	2,108,014
		\$ 5,281,526
	Gas Utilities - 3.3%	
81,249	AGL Resources, Inc.	\$ 3,226,398
395,466	Atmos Energy Corp.	11,116,549
		\$ 14,342,947
	Multi-Utilities - 3.2%	
100,000	Consolidated Edison, Inc.	\$ 4,594,000
285,753	Duke Energy Corp.	5,240,710
134,112	NSTAR	4,394,850
		\$ 14,229,560
	Total Utilities	\$ 33,854,033
	TOTAL COMMON STOCKS	
	(Cost \$146,963,402)	\$172,563,201

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NON-CONVERTIBLE PREFERRED STOCKS - 25.4% of Net Assets		
Energy - 1.1%		
Oil & Gas Exploration & Production- 1.1%		
49,300	Apache Corp., Series B, 5.68%	\$ 4,961,059
	Total Energy	\$ 4,961,059
Automobiles & Components - 1.0%		
Automobile Manufacturers - 1.0%		
126,542	Ford Motor Co. Capital Trust II, 6.5%	\$ 4,470,234
	Total Automobiles & Components	\$ 4,470,234
Banks - 6.2%		
Diversified Banks - 3.3%		
105,000	Bank One Capital VI, 7.2%	\$ 2,595,098
120,000	Barclays Bank Plc, Series 2, 6.625%	2,960,400
120,000	HSBC Holdings Plc, Series A, 6.2%	2,766,000
200,000	Royal Bank of Scotland Group Plc, Series L, 5.75%	4,382,000
71,000	Wachovia Preferred Funding Corp., Series A, 7.25%	1,828,250
		\$ 14,531,748
Thrifts & Mortgage Finance - 2.9%		
56,980	Countrywide Capital V, 7.0%	\$ 1,059,975
100,000	Fannie Mae, Series N, 5.5%	4,575,000
57,000	Freddie Mac, 5.81%	2,741,700
39,000	Freddie Mac, Series F, 5.0%	1,677,000
58,000	Freddie Mac, Series K, 5.79%	2,755,000
		\$ 12,808,675
	Total Banks	\$ 27,340,423
Diversified Financials - 7.3%		
Diversified Financial Services - 3.3%		
49,000	ABN Amro Capital Fund Trust VII, 6.08%	\$ 1,109,360
120,000	Bank of America Corp., Series D, 6.204%	3,042,000
81,500	Citigroup, Inc., Series M, 5.864%	3,973,125
120,000	Deutsche Bank Capital Funding Trust VIII, 6.375%	2,868,000
150,000	JPMorgan Chase Capital Trust XVI, 6.35%	3,555,000
		\$ 14,547,485
Consumer Finance - 0.9%		
18,000	MBNA Capital, Series D, 8.125%	\$ 451,220
71,300	SLM Holdings Corp., Series A, 6.97%	3,283,365
		\$ 3,734,585
Investment Banking & Brokerage - 3.1%		
57,000	Bear Stearns Companies, Inc., Series F, 5.72%	\$ 2,650,500
40,000	Bear Stearns Companies, Inc., Series G, 5.49%	1,590,000
100,000	Lehman Brothers Holdings, Inc., 6.5%	2,461,000
19,000	Lehman Brothers Holdings, Inc., Series C, 5.94%	864,500
50,800	Lehman Brothers Holdings, Inc., Series D, 5.67%	2,286,000
65,000	Merrill Lynch Preferred Capital Trust IV, 7.12%	1,604,542
87,000	Merrill Lynch Preferred Capital Trust V, 7.28%	2,153,983
		\$ 13,610,525
	Total Diversified Financials	\$ 31,892,595
Insurance - 3.8%		
Life & Health Insurance - 0.6%		
159,000	Scottish Re Group, Ltd., 7.25%	\$ 2,830,200
Property & Casualty Insurance 2.4%		
160,000	ACE, Ltd., Series C, 7.8%	\$ 4,057,600
161,000	Berkley W.R. Capital Trust II, 6.75%	3,737,335
109,000	XL Capital, Ltd., Series B, 7.625%	2,728,270
		\$ 10,523,205
Reinsurance - 0.8%		
158,000	RenaissanceRE Holdings, Ltd., Series D, 6.6%	\$ 3,491,800

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	Total Insurance	\$ 16,845,205
	Real Estate - 2.7%	
	Diversification Real Estate Investment Trust - 0.8%	
32,440	PS Business Parks, Inc., Series I, 6.875%	\$ 730,549
13,000	PS Business Parks, Inc., Series L, 7.6%	312,000
119,200	PS Business Parks, Inc., Series P, 6.7%	2,583,064
		\$ 3,625,613
	Industrial Real Estate Investment Trust - 0.2%	
40,000	Prologis Trust, Series G, 6.75%	\$ 945,600
	Office Real Estate Investment Trust - 0.3%	
15,000	Brandywine Realty Trust, Series C, 7.5%	\$ 360,600
34,500	Brandywine Realty Trust, Series D, 7.375%	828,000
		\$ 1,188,600
	Retail Real Estate Investment Trust - 0.8%	
94,000	Regency Centers Corp., Series C, 7.45%	\$ 2,257,880
53,500	Regency Centers Corp., Series E, 6.7%	1,197,865
		\$ 3,455,745
	Specialized Real Estate Investment Trust - 0.6%	
118,000	Public Storage, Inc., Series L, 6.75%	\$ 2,722,260
	Total Real Estate	\$ 11,937,818
	Utilities - 3.3%	
	Electric Utilities - 2.9%	
98,000	Alabama Power Co., 5.3%	\$ 2,305,940
113,000	Alabama Power Co., 5.83%	2,712,000
78,000	Interstate Power and Light Co., Series B, 8.375%	2,368,860
40,000	Mississippi Power Co., 5.25%	964,000
7,700	PPL Electric Utilities Corp., 4.5%	669,900
73,000	Southern California Edison Co., 4.32%	1,430,800
94,000	Virginia Power Capital Trust II, 7.375%	2,339,158
		\$ 12,790,658
	Gas Utilities - 0.4%	
62,000	Southern Union Co., Series C, 7.55%	\$ 1,585,340
	Total Utilities	\$ 14,375,998
	TOTAL NON-CONVERTIBLE PREFERRED STOCKS (Cost \$120,096,389)	\$111,823,332
	CONVERTIBLE PREFERRED STOCKS - 2.1% of Net Assets	
	Capital Goods - 0.5%	
	Aerospace & Defense - 0.5%	
15,000	Northrop Grumman Corp., 7.0%	\$ 2,182,500
	Total Capital Goods	\$ 2,182,500
	Diversified Financials - 1.3%	
	Diversified Financial Services - 1.3%	
161,000	Lazard, Ltd., 6.625%	\$ 5,610,850
	Total Diversified Financials	\$ 5,610,850
	Insurance - 0.3%	
	Property & Casualty Insurance - 0.3%	
47,919	XL Capital, Ltd., Class A, 7.0%	\$ 1,286,625
	Total Insurance	\$ 1,286,625
	TOTAL CONVERTIBLE PREFERRED STOCKS (Cost \$7,130,041)	\$ 9,079,975
	TAX-EXEMPT MONEY MARKET MUTUAL FUND - 0.0% of Net Assets	
37,190	BlackRock Liquidity Funds MuniFund Portfolio	\$ 37,190
	TOTAL TAX-EXEMPT MONEY MARKET MUTUAL FUND	

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(Cost \$37,190) \$ 37,190

TOTAL INVESTMENTS IN SECURITIES - 140.3%

(Cost \$593,091,454) (c) \$615,782,425

OTHER ASSETS AND LIABILITIES - (0.1%) \$ (726,328)

PREFERRED SHARES AT REDEMPTION VALUE, INCLUDING

DIVIDEND\$ (176,334,612)

NET ASSETS APPLICABLE TO COMMON SHAREOWNERS - 100.0% \$438,721,485

Portfolio Abbreviations

RIB Residual Interest Bonds

(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, 2007, the value of these securities amounted \$57,435,705, or 13.1% of total net assets.

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

+ Prerefunded bonds have been collateralized by U.S. Treasury securities or U.S. Government Agencies, 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, 2007.

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

Insured	21.3
General Obligation	0.9
Revenue Bonds:	
Health Revenue	29.8
Tobacco Revenue	15.3
Development Revenue	11.1
Education Revenue	7.5
Housing Revenue	5.2
Facilities Revenue	3.1
Other Revenue	1.9
School District Revenue	1.9
Transportation Revenue	1.6
Gaming Revenue	0.4
	100.0

(c) At August 31, 2007, the net unrealized gain on investments based on cost for federal income tax purposes of \$592,898,867 was as follows:

Aggregate gross unrealized gain for all investments in which there is an excess of value over tax cost \$ 41,431,241

Aggregate gross unrealized loss for all investments in

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which there is an excess of tax cost over value
(18,547,683)

Net unrealized gain \$
22,883,558

For financial reporting purposes net unrealized gain on investments was \$22,690,971 and cost of investments aggregated \$593,091,454.

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.

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.

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(Registrant) Pioneer Tax Advantaged Balanced Trust

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

Date October 30, 2007

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, 2007

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

Date October 30, 2007

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