

BLACKROCK CORPORATE HIGH YIELD FUND VI INC  
Form N-Q  
January 26, 2012  
UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number 811-21318

Name of Fund: BlackRock Corporate High Yield Fund VI, Inc. (HYT)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock Corporate High Yield Fund VI, Inc., 55 East 52<sup>nd</sup> Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 08/31/2012

Date of reporting period: 11/30/2011

Item 1 – Schedule of Investments

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Schedule of Investments November 30, 2011 (Unaudited)

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**  
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
<b>Auto Components 2.9%</b>		
Dana Holding Corp. (a)	94,250	\$ 1,174,355
Delphi Debtor-in-Possession Holding Co., LLP:		
Class B Membership Interests	152,341	3,095,415
Class B Membership Interests	355,462	7,037,438
		11,307,208
<b>Capital Markets 0.3%</b>		
E*Trade Financial Corp. (a)	116,200	1,066,716
<b>Communications Equipment 0.4%</b>		
Loral Space & Communications Ltd. (a)	21,531	1,338,152
<b>Computers &amp; Peripherals 0.1%</b>		
Apple, Inc. (a)	1,400	535,080
<b>Diversified Financial Services 0.9%</b>		
Kcad Holdings I Ltd.	305,538,342	3,449,528
<b>Electrical Equipment 0.0%</b>		
Medis Technologies Ltd. (a)	116,910	701
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets Restaurants Holdings, Inc. (a)	1,816	4,540
Travelport Worldwide Ltd. (b)	118,935	59,468
		64,008
<b>Media 1.5%</b>		
Belo Corp., Class A	73,341	429,045
Charter Communications, Inc. (a)	101,076	5,343,888
Clear Channel Outdoor Holdings, Inc., Class A (a)	14,553	164,594
		5,937,527
<b>Metals &amp; Mining 0.1%</b>		
African Minerals Ltd. (a)	72,301	509,293
<b>Paper &amp; Forest Products 0.1%</b>		
Ainsworth Lumber Co. Ltd. (a)	192,951	192,961
Ainsworth Lumber Co. Ltd. (a)(b)	221,591	221,602
Western Forest Products, Inc. (a)	78,039	56,619
		471,182
<b>Professional Services 0.0%</b>		
Pendrell Corp. (a)	5,400	14,742
<b>Semiconductors &amp; Semiconductor Equipment 0.2%</b>		
Spansion, Inc., Class A (a)	103,218	902,125
SunPower Corp., Class B (a)	431	3,371
		905,496
<b>Software 0.1%</b>		
Bankruptcy Management Solutions, Inc. (a)	787	4
<b>Common Stocks</b>	<b>Shares</b>	<b>Value</b>
<b>Software (concluded)</b>		
HMH Holdings/EduMedia (a)	141,287	\$ 211,930
		211,934
<b>Total Common Stocks 6.6%</b>		25,811,567

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	Par (000)	
<b>Corporate Bonds</b>		
<b>Aerospace &amp; Defense 0.5%</b>		
Huntington Ingalls Industries, Inc. (b):		
6.88%, 3/15/18	USD	370
7.13%, 3/15/21		520
Kratos Defense & Security Solutions, Inc., 10.00%, 6/01/17		1,144
		1,152,580
		2,024,780
<b>Airlines 2.9%</b>		
Air Canada, 9.25%, 8/01/15 (b)(c)		1,200
American Airlines Pass-Through Trust, Series 2011-2, Class A, 8.63%, 4/15/23		594
American Airlines, Inc.: 10.50%, 10/15/12 (a)(d)		1,320
Series 2011-1-B, 7.00%, 1/31/18 (b)		626
Continental Airlines, Inc.: 6.75%, 9/15/15 (b)		900
Series 1997-4-B, 6.90%, 7/02/18		1,132
Series 2010-1-B, 6.00%, 1/12/19		700
Delta Air Lines, Inc.: Series 2010-1-B, 6.38%, 7/02/17		900
Series B, 9.75%, 12/17/16		369
US Airways Pass-Through Trust, 10.88%, 10/22/14		1,070
United Air Lines, Inc., 12.75%, 7/15/12		3,064
		3,186,653
		11,396,962
<b>Auto Components 1.9%</b>		
Allison Transmission, Inc., 11.00%, 11/01/15 (b)		319
B-Corp Merger Sub, Inc., 8.25%, 6/01/19 (b)		325
		295,750

**Portfolio Abbreviations**

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list:

CAD	Canadian Dollar
EUR	Euro
Fannie Mae	Federal National Mortgage Association
FKA	Formerly Known As
Freddie Mac	Federal Home Loan Mortgage Corporation
GBP	British Pound
LIBOR	London Interbank Offered Rate
USD	US Dollar

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Schedule of Investments (continued)

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**  
(Percentages shown are based on Net Assets)

		Par (000)		Value
<b>Corporate Bonds</b>				
<b>Auto Components (concluded)</b>				
Dana Holding Corp., 6.75%, 2/15/21	USD	700	\$	702,625
Delphi Corp., 6.13%, 5/15/21 (b)		260		261,950
Icahn Enterprises LP, 8.00%, 1/15/18		5,060		5,161,200
International Automotive Components Group, SL, 9.13%, 6/01/18 (b)		70		66,500
Titan International, Inc., 7.88%, 10/01/17		720		747,900
				7,570,875
<b>Beverages 0.4%</b>				
Cott Beverages, Inc., 8.13%, 9/01/18		413		441,910
Crown European Holdings SA: 7.13%, 8/15/18	EUR	413		554,948
7.13%, 8/15/18 (b)		465		624,820
				1,621,678
<b>Biotechnology 0.1%</b>				
QHP Pharma, 10.25%, 3/15/15 (b)	USD	430		436,018
<b>Building Products 0.8%</b>				
Building Materials Corp. of America (b): 7.00%, 2/15/20		700		724,500
6.75%, 5/01/21		1,950		1,940,250
Momentive Performance Materials, Inc.: 11.50%, 12/01/16		740		529,100
9.00%, 1/15/21		230		163,875
				3,357,725
<b>Capital Markets 1.0%</b>				
American Capital Ltd., 7.96%, 12/31/13 (e)		780		783,744
E*Trade Financial Corp.: 12.50%, 11/30/17 (f)		1,660		1,875,800
3.46%, 8/31/19 (b)(g)(h)		380		337,250
KKR Group Finance Co., 6.38%, 9/29/20 (b)		1,020		1,047,891
				4,044,685
<b>Chemicals 3.3%</b>				
American Pacific Corp., 9.00%, 2/01/15		1,400		1,356,250
Ashland, Inc., 9.13%, 6/01/17		670		743,700
Celanese US Holdings LLC, 5.88%, 6/15/21		2,780		2,828,650
Chemtura Corp., 7.88%, 9/01/18		585		598,162
Hexion US Finance Corp., 9.00%, 11/15/20		485		380,725
Huntsman International LLC: 6.88%, 11/15/13 (b)	EUR	440		591,228
8.63%, 3/15/21	USD	265		268,975
		255		256,913

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Ineos Finance Plc, 9.00%, 5/15/15

(b)

Kinove German Bondco GmbH, 10.00%, 6/15/18	EUR	591	698,831
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		Par (000)	Value
<b>Corporate Bonds</b>			
<b>Chemicals (concluded)</b>			
Kraton Polymers LLC, 6.75%, 3/01/19	USD	195	\$ 180,375
Lyondell Chemical Co., 11.00%, 5/01/18		2,527	2,723,221
LyondellBasell Industries NV, 6.00%, 11/15/21 (b)		250	255,000
Nexeo Solutions LLC, 8.38%, 3/01/18 (b)		290	283,475
PolyOne Corp., 7.38%, 9/15/20		335	341,700
Solutia, Inc., 7.88%, 3/15/20		955	1,017,075
TPC Group LLC, 8.25%, 10/01/17		520	518,700
			13,042,980
<b>Commercial Banks 2.2%</b>			
CIT Group, Inc.:			
7.00%, 5/01/15		920	920,000
7.00%, 5/02/16 (b)		2,875	2,839,062
7.00%, 5/01/17		2,769	2,741,310
7.00%, 5/02/17 (b)		2,275	2,240,875
			8,741,247
<b>Commercial Services &amp; Supplies 2.1%</b>			
ACCO Brands Corp., 10.63%, 3/15/15		1,170	1,295,775
AWAS Aviation Capital Ltd., 7.00%, 10/15/16 (b)		159	159,104
Aviation Capital Group Corp., 6.75%, 4/06/21 (b)		840	778,487
Brickman Group Holdings, Inc., 9.13%, 11/01/18 (b)		108	96,120
Casella Waste Systems, Inc., 7.75%, 2/15/19		1,016	988,060
Clean Harbors, Inc., 7.63%, 8/15/16		590	622,450
Iron Mountain, Inc., 7.75%, 10/01/19		640	660,800
Mobile Mini, Inc., 7.88%, 12/01/20		570	570,000
RSC Equipment Rental, Inc.:			
10.00%, 7/15/17 (b)		935	1,021,487
8.25%, 2/01/21		1,348	1,280,600
WCA Waste Corp., 7.50%, 6/15/19 (b)		520	501,800
West Corp., 8.63%, 10/01/18		210	209,475
			8,184,158
<b>Communications Equipment 0.3%</b>			
Avaya, Inc., 9.75%, 11/01/15		750	586,875
EH Holding Corp., 6.50%, 6/15/19 (b)		580	566,950
			1,153,825
<b>Construction &amp; Engineering 0.1%</b>			
Abengoa SA, 8.50%, 3/31/16	EUR	200	255,303
Boart Longyear Management Ltd., 7.00%, 4/01/21 (b)	USD	300	297,000
			552,303



## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

		Par (000)	Value
<b>Corporate Bonds</b>			
<b>Construction Materials 0.1%</b>			
Xefin Lux SCA, 8.00%, 6/01/18 (b)	EUR	393	\$ 475,267
<b>Consumer Finance 1.8%</b>			
Credit Acceptance Corp., 9.13%, 2/01/17	USD	950	971,375
Ford Motor Credit Co. LLC:			
3.15%, 1/13/12 (i)		340	340,510
7.80%, 6/01/12		300	309,056
7.00%, 4/15/15		3,140	3,380,175
12.00%, 5/15/15		1,150	1,399,561
6.63%, 8/15/17		185	198,453
Springleaf Finance Corp., 6.90%, 12/15/17		505	339,613
			6,938,743
<b>Containers &amp; Packaging 1.3%</b>			
Ardagh Packaging Finance Plc:			
7.38%, 10/15/17	EUR	100	129,331
7.38%, 10/15/17 (b)		574	742,360
Berry Plastics Corp., 8.25%, 11/15/15	USD	185	196,100
GCL Holdings SCA, 9.38%, 4/15/18 (b)	EUR	414	456,159
Graphic Packaging International, Inc., 7.88%, 10/01/18	USD	580	617,700
OI European Group BV, 6.88%, 3/31/17	EUR	254	336,180
Pregis Corp., 12.38%, 10/15/13	USD	570	530,100
Rock-Tenn Co., 9.25%, 3/15/16		85	90,100
Sealed Air Corp., 8.38%, 9/15/21 (b)		395	421,663
Smurfit Kappa Acquisitions (b):			
7.25%, 11/15/17	EUR	735	1,007,372
7.75%, 11/15/19		449	609,354
			5,136,419
<b>Diversified Consumer Services 1.3%</b>			
Service Corp. International, 7.00%, 6/15/17	USD	4,775	5,109,250
<b>Diversified Financial Services 5.0%</b>			
Ally Financial, Inc.:			
7.50%, 12/31/13		700	707,875
8.30%, 2/12/15		950	961,875
6.25%, 12/01/17		820	753,487
8.00%, 3/15/20		550	542,438
7.50%, 9/15/20		1,050	1,014,562
8.00%, 11/01/31		2,060	1,957,000
8.00%, 11/01/31		1,220	1,124,418
Axcan Intermediate Holdings, Inc., 12.75%, 3/01/16		695	710,637
Boparan Holdings Ltd. (b):			
9.75%, 4/30/18	EUR	166	180,674
9.88%, 4/30/18	GBP	225	285,932

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DPL, Inc., 7.25%, 10/15/21 (b)	USD	1,230	1,294,575
FCE Bank Plc, 4.75%, 1/19/15	EUR	1,793	2,312,883
General Motors Financial Co., Inc., 6.75%, 6/01/18 (b)	USD	460	458,459
Leucadia National Corp., 8.13%, 9/15/15		1,332	1,405,260
		<b>Par (000)</b>	<b>Value</b>
<b>Corporate Bonds</b>			
<b>Diversified Financial Services (concluded)</b>			
Reynolds Group Issuer, Inc. (b):			
8.75%, 10/15/16	USD	941	\$ 971,582
8.75%, 10/15/16 (j)	EUR	385	506,978
8.75%, 10/15/16		756	995,520
7.13%, 4/15/19	USD	385	376,338
7.88%, 8/15/19		1,645	1,653,225
8.25%, 2/15/21		675	573,750
WMG Acquisition Corp. (b):			
9.50%, 6/15/16		190	199,500
11.50%, 10/01/18		910	896,350
			19,883,318
<b>Diversified Telecommunication Services 3.8%</b>			
Broadview Networks Holdings, Inc., 11.38%, 9/01/12		1,680	1,365,000
GCI, Inc., 6.75%, 6/01/21		444	425,130
ITC Deltacom, Inc., 10.50%, 4/01/16		440	453,750
Level 3 Escrow, Inc., 8.13%, 7/01/19 (b)		4,077	3,852,765
Level 3 Financing, Inc.:			
9.25%, 11/01/14		129	131,419
8.75%, 2/15/17		665	661,675
Qwest Communications International, Inc.:			
7.50%, 2/15/14		2,100	2,113,125
8.00%, 10/01/15		1,010	1,078,175
Series B, 7.50%, 2/15/14		2,690	2,706,812
Qwest Corp., 7.63%, 6/15/15		875	953,750
Windstream Corp.:			
8.13%, 8/01/13		703	743,423
7.88%, 11/01/17		627	655,215
			15,140,239
<b>Electric Utilities 0.6%</b>			
The Tokyo Electric Power Co., Inc., 4.50%, 3/24/14	EUR	2,000	2,284,289
<b>Electronic Equipment, Instruments &amp; Components 0.4%</b>			
CDW LLC:			
11.00%, 10/12/15	USD	17	17,000
11.50%, 10/12/15 (f)		1,030	1,030,000
Elster Finance BV, 6.25%, 4/15/18 (b)	EUR	173	224,673
Jabil Circuit, Inc., 8.25%, 3/15/18	USD	365	414,275
			1,685,948
<b>Energy Equipment &amp; Services 3.3%</b>			
Antero Resources Finance Corp., 7.25%, 8/01/19 (b)		260	260,000
Calfrac Holdings LP, 7.50%, 12/01/20 (b)		610	588,650
Compagnie Generale de Geophysique-Veritas, 7.75%, 5/15/17		395	393,025
Exterran Holdings, Inc., 7.25%, 12/01/18 (b)		535	508,250



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Forbes Energy Services Ltd.,  
9.00%, 6/15/19

555

516,150

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2011

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## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Corporate Bonds</b>		
<b>Energy Equipment &amp; Services (concluded)</b>		
Frac Tech Services LLC, 7.13%, 11/15/18 (b)	USD 2,730	\$ 2,750,475
Key Energy Services, Inc., 6.75%, 3/01/21	700	692,125
MEG Energy Corp., 6.50%, 3/15/21 (b)	1,410	1,417,050
Oil States International, Inc., 6.50%, 6/01/19	495	497,475
Peabody Energy Corp., 6.25%, 11/15/21 (b)	4,070	4,100,525
SunCoke Energy, Inc., 7.63%, 8/01/19 (b)	345	338,100
Transocean, Inc., 6.38%, 12/15/21	1,170	1,169,368
		13,231,193
<b>Food Products 0.1%</b>		
Darling International, Inc., 8.50%, 12/15/18	375	412,500
<b>Health Care Equipment &amp; Supplies 1.3%</b>		
DJO Finance LLC:		
10.88%, 11/15/14	3,595	3,388,287
7.75%, 4/15/18	160	128,400
ExamWorks Group, Inc., 9.00%, 7/15/19 (b)	176	157,080
Fresenius US Finance II, Inc., 9.00%, 7/15/15 (b)	850	945,625
Teleflex, Inc., 6.88%, 6/01/19	455	460,119
		5,079,511
<b>Health Care Providers &amp; Services 5.5%</b>		
Aviv Healthcare Properties LP, 7.75%, 2/15/19	640	604,800
ConvaTec Healthcare E SA, 7.38%, 12/15/17 (b)	EUR 694	881,238
Crown Newco 3 Plc, 7.00%, 2/15/18 (b)	GBP 575	820,927
Fresenius Medical Care US Finance, Inc., 6.50%, 9/15/18 (b)	USD 324	336,150
HCA, Inc.:		
8.50%, 4/15/19	205	221,400
6.50%, 2/15/20	3,100	3,084,500
7.88%, 2/15/20	145	152,613
7.25%, 9/15/20	4,020	4,130,550
7.50%, 2/15/22	1,215	1,196,775
Health Management Associates, Inc., 7.38%, 1/15/20 (b)	620	623,875
IASIS Healthcare LLC, 8.38%, 5/15/19 (b)	1,170	974,025
INC Research LLC, 11.50%, 7/15/19 (b)	640	576,000

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inVentiv Health, Inc., 10.00%, 8/15/18 (b)	675	639,563
Omnicare, Inc., 7.75%, 6/01/20	1,520	1,601,700
Symbion, Inc., 8.00%, 6/15/16 (b)	535	494,875
Tenet Healthcare Corp.: 10.00%, 5/01/18	1,270	1,428,750

Corporate Bonds	Par (000)	Value
<b>Health Care Providers &amp; Services (concluded)</b>		
Tenet Healthcare Corp (concluded):		
6.25%, 11/01/18 (b)	USD 510	\$ 502,350
8.88%, 7/01/19	3,360	3,662,400
		21,932,491

<b>Health Care Technology 1.1%</b>		
IMS Health, Inc., 12.50%, 3/01/18 (b)	3,760	4,192,400

**Hotels, Restaurants & Leisure 1.6%**

Caesars Entertainment Operating Co., Inc., 11.25%, 6/01/17	320	332,800
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Diamond Resorts Corp., 12.00%, 8/15/18	1,860	1,762,350
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El Dorado Resorts LLC, 8.63%, 6/15/19 (b)	210	185,325
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Enterprise Inns Plc, 6.50%, 12/06/18	GBP 501	540,388
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Little Traverse Bay Bands of Odawa Indians, 9.00%, 8/31/20 (b)	USD 441	366,030
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MGM Resorts International: 10.38%, 5/15/14	415	464,800
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11.13%, 11/15/17	1,590	1,778,812
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Travelport LLC: 4.95%, 9/01/14 (i)	235	116,325
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9.88%, 9/01/14	50	30,250
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9.00%, 3/01/16	190	108,538
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6.37%, 12/01/16 (f)	623	458,446
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Tropicana Entertainment LLC, Series WI, 9.63%, 12/15/14 (a)(d)	515	52
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6,144,116

**Household Durables 2.0%**

American Standard Americas, 10.75%, 1/15/16 (b)	420	277,200
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Ashton Woods USA LLC, 0.00%, 6/30/15 (b)(j)	1,360	931,600
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Beazer Homes USA, Inc., 12.00%, 10/15/17	2,080	2,163,200
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Jarden Corp., 7.50%, 1/15/20	EUR 455	593,042
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Ryland Group, Inc., 6.63%, 5/01/20	USD 675	595,687
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Standard Pacific Corp.: 10.75%, 9/15/16	2,355	2,402,100
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8.38%, 1/15/21	455	419,738
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United Rentals North America, Inc., 8.38%, 9/15/20	670	659,950
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8,042,517

**Household Products 0.3%**

Ontex IV SA, 7.50%, 4/15/18 (b)	EUR 220	263,096
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Spectrum Brands Holdings, Inc., 9.50%, 6/15/18 (b)	USD 910	989,625
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1,252,721

<b>IT Services 1.6%</b>	860	797,650
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Eagle Parent Canada, Inc., 8.63%,  
5/01/19 (b)

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

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## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Corporate Bonds</b>		
<b>IT Services (concluded)</b>		
First Data Corp. (b):		
7.38%, 6/15/19	USD 1,645	\$ 1,546,300
8.88%, 8/15/20	830	830,000
8.25%, 1/15/21	695	601,175
12.63%, 1/15/21	1,040	858,000
SunGard Data Systems, Inc.:		
7.38%, 11/15/18	680	669,800
7.63%, 11/15/20	930	920,700
		6,223,625
<b>Independent Power Producers &amp; Energy Traders 2.8%</b>		
AES Corp., 7.38%, 7/01/21 (b)	1,010	1,052,925
Calpine Corp. (b):		
7.25%, 10/15/17	325	331,500
7.50%, 2/15/21	305	311,100
7.88%, 1/15/23	995	1,027,337
Energy Future Holdings Corp., 10.00%, 1/15/20	5,200	5,330,000
Energy Future Intermediate Holding Co. LLC, 10.00%, 12/01/20	706	727,180
NRG Energy, Inc., 7.63%, 1/15/18	2,480	2,442,800
		11,222,842
<b>Industrial Conglomerates 2.7%</b>		
Sequa Corp. (b):		
11.75%, 12/01/15	3,810	4,029,075
13.50%, 12/01/15	6,236	6,657,050
		10,686,125
<b>Insurance 1.3%</b>		
Alliant Holdings I, Inc., 11.00%, 5/01/15 (b)(c)	2,600	2,665,000
CNO Financial Group, Inc., 9.00%, 1/15/18 (b)	573	601,650
Genworth Financial, Inc., 7.63%, 9/24/21	660	598,681
MPL 2 Acquisition Canco, Inc., 9.88%, 8/15/18 (b)	395	347,600
USI Holdings Corp., 4.33%, 11/15/14 (b)(i)	1,070	968,350
		5,181,281
<b>Machinery 0.6%</b>		
AGY Holding Corp., 11.00%, 11/15/14	1,650	1,039,500
Navistar International Corp.:		
3.00%, 10/15/14 (h)	800	853,000
8.25%, 11/01/21	188	195,990
SPX Corp., 6.88%, 9/01/17	275	288,750
		2,377,240
<b>Media 14.5%</b>		
AMC Networks, Inc., 7.75%, 7/15/21 (b)	350	370,125
	1,260	1,048,950

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Affinion Group, Inc., 7.88%,

12/15/18

CCH II LLC, 13.50%, 11/30/16 (c)	5,116	5,896,635
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<b>Corporate Bonds</b>	<b>Par (000)</b>	<b>Value</b>
<b>Media (continued)</b>		
CCO Holdings LLC:		
7.25%, 10/30/17	USD 80	\$ 81,700
7.88%, 4/30/18	160	165,800
7.38%, 6/01/20 (k)	410	410,000
6.50%, 4/30/21	825	795,094
CSC Holdings, Inc., 8.50%, 4/15/14	550	609,813
Cengage Learning Acquisitions, Inc. (FKA Thompson Learning), 10.50%, 1/15/15 (b)	390	282,750
Checkout Holding Corp., 10.98%, 11/15/15 (b)(g)	1,040	514,800
Cinemark USA, Inc., 8.63%, 6/15/19	390	419,250
Clear Channel Communications, Inc., 9.00%, 3/01/21	1,255	1,035,375
Clear Channel Worldwide Holdings, Inc.:		
9.25%, 12/15/17	2,323	2,433,342
Series B, 9.25%, 12/15/17	9,551	10,052,427
Cox Enterprises, Inc.:		
Loan Close 2, 12.00%, 8/15/18	1,039	1,062,157
Loan Close 3, 12.00%, 8/15/18	1,188	1,214,350
Shares Loan, 12.00%, 8/15/18	1,225	1,252,422
DISH DBS Corp.:		
7.00%, 10/01/13	150	157,125
6.75%, 6/01/21	850	828,750
Gray Television, Inc., 10.50%, 6/29/15	1,425	1,325,250
Harland Clarke Holdings Corp.:		
6.00%, 5/15/15 (i)	550	371,250
9.50%, 5/15/15	490	362,600
Intelsat Luxemburg SA:		
11.25%, 6/15/16	2,580	2,683,200
11.50%, 2/04/17 (b)(f)	910	834,925
11.50%, 2/04/17 (f)	1,630	1,495,525
Interactive Data Corp., 10.25%, 8/01/18	1,440	1,540,800
The Interpublic Group of Cos., Inc., 10.00%, 7/15/17	525	601,781
Kabel BW Erste Beteiligungs GmbH, 7.50%, 3/15/19 (b)	EUR 1,037	1,365,548
Kabel Deutschland Vertrieb und Service GmbH & Co. KG, 6.50%, 6/29/18 (b)	530	716,680
Live Nation Entertainment, Inc., 8.13%, 5/15/18 (b)	USD 1,170	1,114,425
Musketeer GmbH, 9.50%, 3/15/21 (b)	EUR 548	714,257
NAI Entertainment Holdings LLC, 8.25%, 12/15/17 (b)	USD 1,015	1,058,137
Nielsen Finance LLC:		
11.63%, 2/01/14	147	167,580

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7.75%, 10/15/18

3,425

3,621,937

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2011

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## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

		Par (000)		Value
<b>Corporate Bonds</b>				
<b>Media (concluded)</b>				
Odeon & UCI Finco Plc, 9.00%, 8/01/18 (b)	GBP	324	\$	465,116
ProQuest LLC, 9.00%, 10/15/18 (b)	USD	775		620,000
UPC Holding BV, 9.88%, 4/15/18 (b)		800		824,000
UPCB Finance II Ltd., 6.38%, 7/01/20 (b)	EUR	1,273		1,539,477
Unitymedia GmbH, 9.63%, 12/01/19 (b)		1,144		1,571,779
Unitymedia Hessen GmbH & Co. KG (FKA UPC Germany GmbH) (b): 8.13%, 12/01/17		821		1,130,757
8.13%, 12/01/17	USD	885		913,763
Virgin Media Secured Finance Plc, 7.00%, 1/15/18 GBP		910		1,491,946
Ziggo Bond Co. BV, 8.00%, 5/15/18 (b)	EUR	610		797,116
Ziggo Finance BV, 6.13%, 11/15/17 (b)		1,136		1,488,282
				57,446,996
<b>Metals &amp; Mining 3.4%</b>				
FMG Resources August 2006 Property Ltd., 6.88%, 2/01/18 (b)	USD	120		110,100
Goldcorp, Inc., 2.00%, 8/01/14 (h)		1,650		2,229,562
New World Resources NV, 7.88%, 5/01/18	EUR	1,055		1,304,195
Newmont Mining Corp., Series A, 1.25%, 7/15/14 (h)	USD	2,275		3,540,469
Novelis, Inc., 8.75%, 12/15/20		5,140		5,422,700
Taseko Mines Ltd., 7.75%, 4/15/19		650		588,250
Vedanta Resources Plc, 8.25%, 6/07/21 (b)		435		350,175
				13,545,451
<b>Multiline Retail 1.9%</b>				
Dollar General Corp., 11.88%, 7/15/17 (f)		6,753		7,462,065
<b>Oil, Gas &amp; Consumable Fuels 10.5%</b>				
Alpha Natural Resources, Inc., 6.25%, 6/01/21		715		682,825
Arch Coal, Inc.: 7.25%, 10/01/20		525		514,500
7.25%, 6/15/21 (b)		1,330		1,290,100
Berry Petroleum Co., 8.25%, 11/01/16		800		824,000
Bill Barrett Corp., 9.88%, 7/15/16		35		38,325
Carrizo Oil & Gas, Inc., 8.63%, 10/15/18		200		198,500
Chesapeake Energy Corp.: 6.63%, 8/15/20		582		602,370



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6.13%, 2/15/21	850	852,125
2.25%, 12/15/38 (h)	1,250	1,059,375

	Par (000)	Value
<b>Corporate Bonds</b>		
<b>Oil, Gas &amp; Consumable Fuels (continued)</b>		
Chesapeake Oilfield Operating LLC, 6.63%, 11/15/19 (b)	USD 725	\$ 715,031
Coffeyville Resources LLC, 9.00%, 4/01/15 (b)	414	440,910
Concho Resources, Inc., 7.00%, 1/15/21	635	660,400
Consol Energy, Inc., 8.25%, 4/01/20	3,050	3,278,750
Continental Resources, Inc., 7.13%, 4/01/21	575	621,000
Copano Energy LLC, 7.13%, 4/01/21	520	520,000
Crosstex Energy LP, 8.88%, 2/15/18	280	298,200
Crown Oil Partners IV LP, 15.00%, 11/22/14	908	908,333
Denbury Resources, Inc.: 8.25%, 2/15/20	1,000	1,086,250
6.38%, 8/15/21	540	550,800
EV Energy Partners LP, 8.00%, 4/15/19	220	217,800
Energy XXI Gulf Coast, Inc.: 9.25%, 12/15/17	615	630,375
7.75%, 6/15/19	1,390	1,334,400
Hilcorp Energy I LP, 7.63%, 4/15/21 (b)	1,165	1,199,950
Kodiak Oil & Gas Corp., 8.13%, 12/01/19 (b)	505	512,575
Linn Energy LLC: 6.50%, 5/15/19 (b)	265	251,750
8.63%, 4/15/20	1,715	1,792,175
7.75%, 2/01/21	675	675,000
MarkWest Energy Partners LP, 6.75%, 11/01/20	205	210,894
Niska Gas Storage US LLC, 8.88%, 3/15/18	2,010	1,959,750
OGX Petroleo e Gas Participacoes SA, 8.50%, 6/01/18 (b)	6,780	6,441,000
Oasis Petroleum, Inc.: 7.25%, 2/01/19 (b)	510	520,200
6.50%, 11/01/21	450	437,625
Petrohawk Energy Corp.: 10.50%, 8/01/14	595	662,681
7.88%, 6/01/15	680	724,200
7.25%, 8/15/18	495	554,400
Petroleum Geo-Services, 7.38%, 12/15/18 (b)	690	686,550
Pioneer Natural Resources Co.: 6.88%, 5/01/18	715	801,378
7.50%, 1/15/20	225	260,975
Plains Exploration & Production Co.: 6.63%, 5/01/21	1,245	1,257,450
6.75%, 2/01/22	1,020	1,040,400
Precision Drilling Corp., 6.50%, 12/15/21 (b)	460	460,000

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Range Resources Corp.:		
8.00%, 5/15/19	600	666,000
5.75%, 6/01/21	1,520	1,622,600

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2011

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## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

		Par (000)	Value
<b>Corporate Bonds</b>			
<b>Oil, Gas &amp; Consumable Fuels (concluded)</b>			
SM Energy Co., 6.63%, 2/15/19 (b)	USD	205	\$ 207,050
SandRidge Energy, Inc., 7.50%, 3/15/21		1,435	1,313,025
			41,581,997
<b>Paper &amp; Forest Products 2.6%</b>			
Ainsworth Lumber Co. Ltd., 11.00%, 7/29/15 (b)(f)		1,880	1,184,645
Boise Paper Holdings LLC: 9.00%, 11/01/17		200	215,000
8.00%, 4/01/20		240	252,600
Clearwater Paper Corp.: 10.63%, 6/15/16		625	693,750
7.13%, 11/01/18		885	915,975
Georgia-Pacific LLC, 8.25%, 5/01/16 (b)		2,570	2,824,589
Longview Fibre Paper & Packaging, Inc., 8.00%, 6/01/16 (b)		535	537,675
NewPage Corp., 11.38%, 12/31/14 (a)(d)		3,350	2,336,625
Sappi Papier Holding GmbH, 6.63%, 4/15/21 (b)		200	172,000
Verso Paper Holdings LLC, 11.50%, 7/01/14		1,202	1,226,040
			10,358,899
<b>Pharmaceuticals 0.7%</b>			
Capsugel Finance Co. SCA, 9.88%, 8/01/19	EUR	105	141,088
Capsugel Finance Co. SCA, 9.88%, 8/01/19 (b)		300	403,110
Endo Pharmaceuticals Holdings, Inc., 7.00%, 7/15/19 (b)	USD	285	292,125
Jaguar Holding Co. / Jaguar Merger Sub, Inc., 9.50%, 12/01/19 (b) (k)		650	653,250
Valeant Pharmaceuticals International, 6.50%, 7/15/16 (b)		1,310	1,267,425
			2,756,998
<b>Professional Services 0.4%</b>			
FTI Consulting, Inc., 6.75%, 10/01/20		1,450	1,462,688
<b>Real Estate Investment Trusts (REITs) 0.7%</b>			
FelCor Lodging LP, 6.75%, 6/01/19		2,170	2,018,100
The Rouse Co. LP, 6.75%, 11/09/15		805	805,000
			2,823,100
<b>Real Estate Management &amp; Development 2.1%</b>			
		520	523,900

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CB Richard Ellis Services, Inc., 6.63%, 10/15/20				
Forest City Enterprises, Inc., 7.63%, 6/01/15			2,300	2,265,500
<b>Corporate Bonds</b>			<b>Par (000)</b>	<b>Value</b>
<b>Real Estate Management &amp; Development (concluded)</b>				
Realogy Corp.:				
11.50%, 4/15/17 (j)	USD	745	\$	568,063
12.00%, 4/15/17 (j)		155		116,250
7.88%, 2/15/19 (b)		3,845		3,306,700
Shea Homes LP, 8.63%, 5/15/19 (b)		1,885		1,724,775
				8,505,188
<b>Road &amp; Rail 1.6%</b>				
Avis Budget Car Rental LLC, 8.25%, 1/15/19		670		644,875
Florida East Coast Railway Corp., 8.13%, 2/01/17		650		647,563
Hertz Holdings Netherlands BV:				
8.50%, 7/31/15	EUR	295		396,391
8.50%, 7/31/15 (b)		2,080		2,794,895
The Hertz Corp.:				
7.50%, 10/15/18	USD	1,005		1,007,512
6.75%, 4/15/19		175		169,750
7.38%, 1/15/21		765		757,350
				6,418,336
<b>Semiconductors &amp; Semiconductor Equipment 0.2%</b>				
Spanion LLC, 7.88%, 11/15/17 (b)		890		907,800
<b>Specialty Retail 2.4%</b>				
Asbury Automotive Group, Inc., 8.38%, 11/15/20		565		559,350
Hillman Group, Inc., 10.88%, 6/01/18		830		838,300
House of Fraser Plc, 8.88%, 8/15/18 (b)	GBP	439		537,198
Limited Brands, Inc., 8.50%, 6/15/19	USD	1,255		1,449,525
Phones4u Finance Plc, 9.50%, 4/01/18 (b)	GBP	570		697,533
QVC, Inc. (b):				
7.13%, 4/15/17	USD	355		371,863
7.50%, 10/01/19		970		1,030,625
7.38%, 10/15/20		455		483,437
Sally Holdings LLC / Sally Capital, Inc., 6.88%, 11/15/19 (b)		465		475,462
Sonic Automotive, Inc., 9.00%, 3/15/18		580		604,650
Toys R US-Delaware, Inc., 7.38%, 9/01/16 (b)		660		653,400
United Auto Group, Inc., 7.75%, 12/15/16		1,670		1,695,050
				9,396,393
<b>Transportation Infrastructure 0.2%</b>				
Aguila 3 SA, 7.88%, 1/31/18 (b)		665		631,750
<b>Wireless Telecommunication Services 4.4%</b>				
Cricket Communications, Inc., 7.75%, 5/15/16		830		827,925
		330		353,925

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Crown Castle International Corp.,  
7.13%, 11/01/19

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

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## Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Corporate Bonds</b>		
<b>Wireless Telecommunication Services (concluded)</b>		
Digicel Group Ltd. (b):		
8.88%, 1/15/15	USD 1,120	\$ 1,103,200
9.13%, 1/15/15	2,864	2,821,040
8.25%, 9/01/17	1,720	1,694,200
10.50%, 4/15/18	800	796,000
iPCS, Inc., 2.55%, 5/01/13 (i)	1,585	1,442,350
MetroPCS Wireless, Inc., 6.63%, 11/15/20	1,550	1,352,375
NII Capital Corp., 7.63%, 4/01/21	589	597,835
Sprint Capital Corp., 6.88%, 11/15/28	2,980	2,078,550
Sprint Nextel Corp., 9.00%, 11/15/18 (b)	4,210	4,241,575
		17,308,975
<b>Total Corporate Bonds 99.7%</b>		<b>395,365,907</b>
<b>Floating Rate Loan Interests (i)</b>		
<b>Airlines 0.3%</b>		
Delta Air Lines, Inc., Credit New Term Loan B, 5.50%, 4/20/17	1,122	1,067,762
<b>Building Products 0.3%</b>		
Goodman Global Holdings, Inc., Term Loan (Second Lien), 9.00%, 10/30/17	982	981,406
<b>Capital Markets 0.0%</b>		
Marsico Parent Co., LLC, Term Loan, 5.25% - 5.44%, 12/14/14	238	90,134
<b>Chemicals 0.2%</b>		
PQ Corp. (FKA Niagara Acquisition, Inc.), Original Term Loan (First Lien), 3.51% - 3.68%, 7/30/14	325	304,475
Styron Sarl LLC, New Term Loan B, 6.00%, 8/02/17	679	584,218
		888,693
<b>Commercial Services &amp; Supplies 0.8%</b>		
AWAS Finance Luxembourg Sarl, Term Loan B, 5.25%, 6/10/16	793	784,008
Delos Aircraft, Inc., Term Loan B2, 7.00%, 3/17/16	975	975,975
Volume Services America, Inc. (FKA Centerplate), Term Loan B, 10.50% - 10.75%, 9/16/16	1,584	1,558,260
		3,318,243
<b>Construction &amp; Engineering 0.8%</b>		
Safway Services, LLC, Last Out Term Loan, 15.63%, 12/16/17	3,250	3,250,000
<b>Consumer Finance 1.7%</b>		
Springleaf Finance Corp. (FKA AGFS Funding Co.), Term Loan,	7,825	6,783,336

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5.50%, 5/10/17

	Par (000)	Value
<b>Floating Rate Loan Interests (i)</b>		
<b>Diversified Consumer Services 0.0%</b>		
ServiceMaster Co.:		
Closing Date Term Loan, 2.76%, 7/24/14	USD 13	\$ 12,392
Delayed Draw Term Loan, 2.75% - 2.83%, 7/24/14	132	124,431
		136,823
<b>Diversified Telecommunication Services 0.5%</b>		
Level 3 Financing, Inc.:		
Incremental Tranche A Term Loan, 2.65%, 3/13/14	775	727,531
Term Loan B, 5.75%, 8/31/18	1,300	1,257,750
		1,985,281
<b>Electronic Equipment, Instruments &amp; Components 0.1%</b>		
CDW LLC (FKA CDW Corp.), Non- Extended Term Loan, 3.75%, 10/10/14		
	185	177,657
<b>Energy Equipment &amp; Services 2.2%</b>		
Dynergy Holdings, Inc.:		
Coal Co. Term Loan, 9.25%, 8/04/16	3,092	3,086,133
Gas Co. Term Loan, 9.25%, 8/04/16	5,658	5,699,186
		8,785,319
<b>Food Products 0.3%</b>		
Advance Pierre Foods, Inc., Term Loan (Second Lien), 11.25%, 9/29/17		
	1,300	1,292,954
<b>Health Care Providers &amp; Services 0.8%</b>		
Harden Healthcare LLC:		
Tranche A Additional Term Loan, 7.75%, 3/02/15	760	745,002
Tranche A Term Loan, 8.50%, 3/02/15	589	576,812
Health Management Associates, Term Loan B3, 3.50%, 11/16/18	610	607,206
inVentiv Health, Inc. (FKA Ventive Health, Inc.), Term Loan B, 6.50%, 8/04/16	1,243	1,214,265
		3,143,285
<b>Hotels, Restaurants &amp; Leisure 0.2%</b>		
Caesars Entertainment Operating Co., Inc., Term Loan B3, 3.32% - 3.42%, 1/28/15		
	575	490,224
Travelport LLC:		
Extended Tranche A Term Loan, 6.00%, 9/28/12	282	140,882
Extended Tranche B Term Loan, 13.87%, 12/01/16	856	156,910
		788,016

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Schedule of Investments (continued)

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Floating Rate Loan Interests (i)</b>		
<b>Independent Power Producers &amp; Energy Traders 0.8%</b>		
Texas Competitive Electric Holdings Co. LLC (FKA TXU), Extended Term Loan, 4.75%, 10/10/17	USD 4,876	\$ 3,174,924
<b>Industrial Conglomerates 0.2%</b>		
Sequa Corp., Incremental Term Loan, 7.00%, 12/03/14	680	678,300
<b>Media 4.3%</b>		
Cengage Learning Acquisitions, Inc. (FKA Thompson Learning), Tranche 1 Incremental Term Loan, 7.50%, 7/03/14	2,661	2,452,218
HMH Publishing Co., Ltd., Tranche A Term Loan, 6.44%, 6/12/14	1,426	980,626
Intelsat Jackson Holdings SA (FKA Intelsat Jackson Holdings, Ltd.), Tranche B Term Loan, 5.25%, 4/02/18	11,244	11,093,624
Newsday LLC, Fixed Rate Term Loan, 10.50%, 8/01/13	2,450	2,520,438
		17,046,906
<b>Multiline Retail 0.5%</b>		
HEMA Holding BV, Mezzanine, 9.86%, 7/05/17	EUR 1,667	1,777,105
<b>Oil, Gas &amp; Consumable Fuels 0.7%</b>		
Obsidian Natural Gas Trust, Term Loan, 7.00%, 11/02/15	USD 2,822	2,808,066
<b>Paper &amp; Forest Products 0.5%</b>		
NewPage Corp., DIP Term Loan, 8.00%, 3/07/13	950	953,563
Verso Paper Finance Holdings LLC, Term Loan, with PIK option, 6.68% - 7.43%, 2/01/13	2,197	1,098,621
		2,052,184
<b>Pharmaceuticals 0.5%</b>		
Aptalis Pharma, Inc., Term Loan B, 5.50%, 2/10/17	1,489	1,416,173
Pharmaceutical Products Development: Bridge Term Loan, 9.75%, 11/02/12	2,500	
Term Loan B, 7.00%, 11/19/18	610	601,393
		2,017,566
<b>Real Estate Investment Trusts (REITs) 0.5%</b>		
Istar Financial, Inc., Term Loan (Second Lien), 5.00%, 6/28/13	2,183	2,153,699
<b>Real Estate Management &amp; Development 0.3%</b>		
Realogy Corp.: Extended Synthetic Letter of Credit Loan C, 4.44%, 10/10/16	167	147,641



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	Par (000)	Value
<b>Floating Rate Loan Interests (i)</b>		
<b>Real Estate Management &amp; Development (concluded)</b>		
Realogy Corp. (concluded):		
Extended Term Loan B, 4.69%, 10/10/16	USD 1,173	\$ 1,038,070
		1,185,711
<b>Specialty Retail 0.0%</b>		
Claire's Stores, Inc., Term Loan B, 3.00% - 3.18%, 5/29/14	194	166,288
<b>Wireless Telecommunication Services 1.0%</b>		
Vodafone Americas Finance 2, Inc., PIK Term Loan B, 6.25%, 7/11/16	3,900	3,870,750
<b>Total Floating Rate Loan Interests 17.5%</b>		<b>69,620,408</b>

	Beneficial Interest (000)	
<b>Other Interests (l)</b>		
<b>Chemicals 0.0%</b>		
Wellman Holdings, Inc.	4,870	49
<b>Energy Equipment &amp; Services 0.7%</b>		
BLK HYT (Luxembourg) Investments, S.a.r.l. (FKA Laricina Energy Ltd.) (m)	71	2,958,343
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets, Inc. (a)	950	10
<b>Media 0.0%</b>		
Adelphia Escrow (a)	1,300	13
Adelphia Recovery Trust (a)	1,630	163
		176
<b>Total Other Interests 0.7%</b>		<b>2,958,578</b>

**Preferred Securities**

	Par (000)	
<b>Capital Trusts</b>		
<b>Insurance 0.2%</b>		
Genworth Financial, Inc., 6.15%, 11/15/66 (i)	1,335	745,931
<b>Total Capital Trusts 0.2%</b>		<b>745,931</b>

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Schedule of Investments (continued)

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**  
(Percentages shown are based on Net Assets)

	Shares	Value
<b>Preferred Securities</b>		
<b>Preferred Stocks</b>		
<b>Auto Components 0.4%</b>		
Dana Holding Corp., 4.00% (a)(b) (h)	14,470	\$ 1,604,361
<b>Diversified Financial Services 0.9%</b>		
Ally Financial, Inc., 7.00% (b)	5,095	3,569,366
<b>Thriffs &amp; Mortgage Finance 0.1%</b>		
Fannie Mae, Series O, 7.00% (a)(i)	40,000	114,000
Freddie Mac, Series Z, 8.38% (a)(i)	110,157	225,822
		339,822
<b>Total Preferred Stocks 1.4%</b>		5,513,549
	<b>Par</b>	
	<b>(000)</b>	
<b>Trust Preferreds</b>		
<b>Diversified Financial Services 0.4%</b>		
GMAC Capital Trust I, Series 2, 8.13%, 2/15/40	2,106	1,600,750
<b>Total Trust Preferreds 0.4%</b>		1,600,750
<b>Total Preferred Securities 2.0%</b>		7,860,230
	<b>Shares</b>	
<b>Warrants (n)</b>		
<b>Health Care Providers &amp; Services 0.0%</b>		
HealthSouth Corp. (Expires 1/16/14)	54,577	1
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets Restaurants Holdings, Inc. (Expires 4/29/14)	802	8
<b>Media 0.1%</b>		
Cumulus Media, Inc. (Expires 3/26/19)	149,608	432,067
New Vision Holdings LLC (Expires 9/30/14)	26,189	262
		432,329
<b>Software 0.0%</b>		
Bankruptcy Management Solutions, Inc. (Expires 9/29/17)	525	6
	<b>Shares</b>	<b>Value</b>
<b>Warrants (n)</b>		
<b>Software (concluded)</b>		
HMH Holdings/EduMedia (Expires 3/09/17)	22,578	\$ 6
		432,344
<b>Total Warrants 0.1%</b>		432,344
<b>Total Long-Term Investments</b>		
<b>(Cost \$520,514,375) 126.6%</b>		502,049,034
<b>Short-Term Securities</b>		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.13% (o)(p)	274,352	274,352

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**Total Short-Term Securities**  
 (Cost \$274,352) 0.1% 274,352

	<b>Notional Amount (000)</b>	
<b>Options Purchased</b>		
<b>Over-the-Counter Call Swaptions 0.0%</b>		
Receive a return based on return of Dow Jones CDX North America High Yield Index Series 16 and pay a floating rate based on 3-month LIBOR, Expires 12/21/11, Broker Deutsche Bank Securities Inc.	USD 15,000	28,782
<b>Total Options Purchased</b> (Cost \$276,000) 0.0%		28,782
<b>Total Investments Before Options Written</b> (Cost \$521,064,727*) 126.7%		502,352,168

<b>Options Written</b>		
<b>Over-the-Counter Call Swaptions (0.1)%</b>		
Pay a return based on return of Dow Jones CDX North America High Yield Index Series 17 and receive a floating rate based on 3-month LIBOR, Expires 3/21/2012, Broker Goldman Sachs International	8,000	(333,800)
<b>Over-the-Counter Put Swaptions (0.1)%</b>		
Pay a return based on return of Dow Jones CDX North America High Yield Index Series 16 and receive a floating rate based on 3-month LIBOR, Expires 12/21/11, Broker Deutsche Bank AG	15,000	(173,176)

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2011

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## Schedule of Investments (continued)

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**  
(Percentages shown are based on Net Assets)

	Notional Amount (000)	Value
<b>Options Written</b>		
<b>Over-the-Counter Put Swaptions (concluded)</b>		
Pay a return based on return of Dow Jones CDX North America High Yield Index Series 17 and receive a floating rate based on 3-month LIBOR, Expires 3/21/2012, Broker Goldman Sachs International	\$ 8,000	\$ (237,981)
		(411,157)
<b>Total Options Written</b>		(744,957)
<b>(Premiums Received \$920,000) (0.2)%</b>		(744,957)
<b>Total Investments, Net of Options Written- 126.5%</b>		501,607,211
<b>Liabilities in Excess of Other Assets (26.5)%</b>		(104,908,230)
<b>Net Assets 100.0%</b>		\$ 396,698,981

\* The cost and unrealized appreciation (depreciation) of investments as of November 30, 2011, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 521,901,185
Gross unrealized appreciation	\$ 16,415,369
Gross unrealized depreciation	(35,964,386)
Net unrealized depreciation	\$ (19,549,017)

- (a) Non-income producing security.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) All or a portion of security has been pledged as collateral in connection with swaps.
- (d) Issuer filed for bankruptcy and/or is in default of interest payments.
- (e) Represents a step-down bond that pays an initial coupon rate for the first period and then a lower coupon rate for the following periods. Rate shown is as of report date.
- (f) Represents a payment-in-kind security which may pay interest/dividends in additional par/shares.
- (g) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (h) Convertible security.
- (i) Variable rate security. Rate shown is as of report date.
- (j) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown is as of report date.

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(k) When-issued security. Unsettled when-issued transactions were as follows:

Counterparty	Value	Unrealized Appreciation
Bank of America	\$ 410,000	\$
JPMorgan	\$ 653,250	\$ 3,250

(l) Other interests represent beneficial interests in liquidation trusts and other reorganization or private entities.

(m) Wholly-owned subsidiary.

(n) Warrants entitle the Fund to purchase a predetermined number of shares of common stock and are non-income producing. The purchase price and number of shares are subject to adjustment under certain conditions until the expiration date, if any.

(o) Investments in companies considered to be an affiliate of the Fund during the period, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at August 31, 2011	Net Activity	Shares Held at November 30, 2011	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	941,235	(666,883)	274,352	\$ 254

(p) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/ or as defined by Fund management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

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Schedule of Investments (continued)

BlackRock Corporate High Yield Fund VI, Inc. (HYT)

Financial futures contracts sold as of November 30, 2011 were as follows:

Contracts	Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
550	S&P 500 Index EMini	Chicago Mercantile	December 2011	34,265,000	\$ (2,117,159)

Foreign currency exchange contracts as of November 30, 2011 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
USD 163,147	EUR 121,000	Royal Bank of Scotland	12/01/11	\$ 560
GBP 390,000	USD 611,068	Citibank NA	1/18/12	545
USD 527,725	CAD 545,000	Deutsche Bank AG	1/18/12	(5,991)
USD 5,920,742	GBP 3,799,000	Citibank NA	1/18/12	(37,005)
EUR 300,000	USD 399,648	Citibank NA	1/25/12	3,673
EUR 1,237,000	USD 1,690,894	Deutsche Bank AG	1/25/12	(27,870)
EUR 309,000	USD 418,541	Royal Bank of Scotland	1/25/12	(3,121)
USD 33,677,395	EUR 24,484,000	Citibank NA	1/25/12	761,085
USD 178,416	EUR 132,000	Deutsche Bank AG	1/25/12	955
USD 239,234	EUR 170,000	Royal Bank of Scotland	1/25/12	10,686
<b>Total</b>				\$ 703,517

Credit default swaps on single-name issues - buy protection outstanding as of November 30, 2011 were as follows:

Issuer	Pay Fixed Rate	Counterparty	Expiration Date	Notional Amount (000)	Unrealized Appreciation (Depreciation)
Republic of Hungary	1.00%	Deutsche Bank AG	12/20/15	\$ 470	\$ 36,484
Israel (State of)	1.00%	Deutsche Bank AG	3/20/16	\$ 1,050	6,488
		Goldman Sachs			
Realogy Corp.	5.00%	International	9/20/16	\$ 225	3,499
iStar Financial, Inc.	5.00%	Deutsche Bank AG	12/20/16	\$ 375	(16,994)
		Goldman Sachs			
Nucor Corp.	1.00%	International	12/20/16	\$ 945	(29,213)
Alcoa, Inc.	5.00%	JPMorgan Chase & Co.	12/20/16	\$ 945	119,115
Borgwarner, Inc.	1.00%	JPMorgan Chase & Co.	12/20/16	\$ 750	(21,489)
DOW Chemical Co.	1.00%	JPMorgan Chase & Co.	12/20/16	\$ 945	(30,868)
Johnson Controls, Inc.	1.00%	JPMorgan Chase & Co.	12/20/16	\$ 750	(24,899)
<b>Total</b>					\$ 42,123

Credit default swaps on single-name issues - sold protection outstanding as of November 30, 2011 were as follows:

Issuer	Receive Fixed	Counterparty	Expiration Date	Issuer Credit	Notional Amount	Unrealized Appreciation
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	Rate			Rating <sup>1</sup>	(000) <sup>2</sup>	(Depreciation)
CIT Group, Inc.	5.00%	Deutsche Bank AG	9/20/15	B+	\$ 5,000	\$ (32,258)
		Goldman Sachs				
Aramark Corp.	5.00%	International	3/20/16	B	\$ 750	(6,717)
		Goldman Sachs				
Aramark Corp.	5.00%	International	6/20/16	B	\$ 950	(12,709)
		Credit Suisse				
Aramark Corp.	5.00%	Securities (USA) LLC	9/20/16	B	\$ 200	3,324
		Goldman Sachs				
Aramark Corp.	5.00%	International	9/20/16	B	\$ 650	(6,993)
Ford Motor Co.	5.00%	Deutsche Bank AG	12/20/16	BB+	\$ 1,450	(55,234)
		JPMorgan Chase &				
Ford Motor Co.	5.00%	Co.	12/20/16	BB+	\$ 750	(23,726)
<b>Total</b>						\$ (134,313)

<sup>1</sup> Using Standard & Poor's (S&P's) rating.

<sup>2</sup> The maximum potential amount the Fund may pay should a negative credit event take place as defined under the terms of the agreement.

## Schedule of Investments (continued)

## BlackRock Corporate High Yield Fund VI, Inc. (HYT)

Credit default swaps on traded indexes - buy protection outstanding as of November 30, 2011 were as follows:

Index	Pay Fixed Rate	Counterparty	Expiration Date	Notional Amount (000)	Unrealized Depreciation
Dow Jones CDX North America High Yield Index Series 17	5.00 %	Credit Suisse Securities (USA) LLC	12/20/16	\$ 18,525	\$ (640,285)

Fair Value Measurements - Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs are categorized into a disclosure hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments and derivative financial instruments)

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and does not necessarily correspond to the Fund's perceived risk of investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to the Fund's most recent financial statements as contained in its annual report.

The following tables summarize the inputs used as of November 30, 2011 in determining the fair valuation of the Fund's investments and derivative financial instruments:

Valuation Inputs	Level 1	Level 2	Level 3	Total
<b>Assets:</b>				
Investments:				
Long-Term Investments:				
Common Stocks	\$ 11,226,889	\$ 790,366	\$ 13,794,312	\$ 25,811,567
Corporate Bonds		390,562,564	4,803,343	395,365,907
Floating Rate Loan Interests		55,902,604	13,717,804	69,620,408
Other Interests	163		2,958,415	2,958,578
Preferred Securities	1,940,572	5,919,658		7,860,230
Warrants		432,068	276	432,344
Short-Term Securities	274,352			274,352
<b>Total</b>	\$ 13,441,976	\$ 453,607,260	\$ 35,274,150	\$ 502,323,386



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Valuation Inputs	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments <sup>1</sup>				
<b>Assets:</b>				
Credit contracts		\$ 197,692		\$ 197,692
Foreign currency exchange contracts		777,504		777,504
Equity contracts				
<b>Liabilities:</b>				
Credit contracts		(1,614,084)	\$ (32,258)	(1,646,342)
Foreign currency exchange contracts		(73,987)		(73,987)
Equity contracts	\$ (2,117,159)			(2,117,159)
<b>Total</b>	\$ (2,117,159)	\$ (712,875)	\$ (32,258)	\$ (2,862,292)

<sup>1</sup> Derivative financial instruments are swaps, financial futures contracts, foreign currency exchange contracts and options. Swaps, financial futures contracts and foreign currency exchange contracts are valued at the unrealized appreciation/depreciation on the instrument. and options are shown at value.

## Schedule of Investments (concluded)

## BlackRock Corporate High Yield Fund VI, Inc. (HYT)

	Common Stocks	Corporate Bonds	Floating Rate Loan Interests	Other Interests	Warrants	Preferred Securities	Total
<b>Assets:</b>							
Balance, as of August 31, 2011	\$ 3,689,799	\$ 6,541,570	\$ 14,112,733	\$ 3,081,895	\$ 382,599	\$ 503,498	\$ 28,312,094
Accrued discounts/premiums		2,309	46,577				48,886
Net realized gain (loss)	9,200	(3,660,373)	(207,667)				(3,858,840)
Net change in unrealized appreciation/ depreciation <sup>2</sup>	4,267,573	3,689,931	(871,283)	(123,480)		(503,498)	6,459,243
Purchases	5,839,377	908,333	395,097				7,142,807
Sales	(11,637)	(2,678,427)	(652,913)				(3,342,977)
Transfers in <sup>3</sup>			3,424,885				3,424,885
Transfers out <sup>3</sup>			(2,529,625)		(382,323)		(2,911,948)
<b>Balance, as of November 30, 2011</b>	<b>\$ 13,794,312</b>	<b>\$ 4,803,343</b>	<b>\$ 13,717,804</b>	<b>\$ 2,958,415</b>	<b>\$ 276</b>	<b>\$</b>	<b>\$ 35,274,150</b>

<sup>2</sup> The net change in unrealized appreciation/depreciation on the securities still held at November 30, 2011 was \$3,242,891.

<sup>3</sup> The Fund's policy is to recognize transfers in and transfers out as of the beginning of the period of the event or the change in circumstances that caused the transfer.

The following is a reconciliation of Level 3 derivative financial instruments for which significant unobservable inputs were used to determine fair value:

	Credit Contracts
<b>Assets:</b>	
Balance, as of August 31, 2011	\$
Accrued discounts/premiums	70,434
Net realized gain (loss)	
Net change in unrealized appreciation/depreciation	(32,258)
Purchases	
Issuances <sup>4</sup>	(393,750)
Sales	
Settlements <sup>5</sup>	323,316
Transfers in <sup>6</sup>	
Transfers out <sup>6</sup>	
<b>Balance, as of November 30, 2011</b>	<b>\$ (32,258)</b>

<sup>4</sup> Issuances represent upfront cash received on certain derivative financial instruments.

<sup>5</sup> Settlements represent periodic contractual cash flows and/or cash flows to terminate certain derivative financial instruments.

<sup>6</sup> The Fund's policy is to recognize transfers in and transfers out as of the beginning of the period of the event or the change in circumstances that caused the transfer.

A reconciliation of Level 3 investments and derivative financial instruments is presented when the Fund had a significant amount of Level 3 investments and derivative financial instruments at the beginning and/or end of the period in relation to net assets.



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### Item 2 – Controls and Procedures

2(a) – The registrant’s principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant’s disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the “1940 Act”)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

2(b) – There were no changes in the registrant’s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant’s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant’s internal control over financial reporting.

### Item 3 – Exhibits

Certifications – Attached hereto

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.

BlackRock Corporate High Yield Fund VI, Inc.

By: /s/ John M. Perlowski  
John M. Perlowski  
Chief Executive Officer (principal executive officer) of  
BlackRock Corporate High Yield Fund VI, Inc.

Date: January 23, 2012

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: /s/ John M. Perlowski  
John M. Perlowski  
Chief Executive Officer (principal executive officer) of  
BlackRock Corporate High Yield Fund VI, Inc.

Date: January 23, 2012

By: /s/ Neal J. Andrews  
Neal J. Andrews  
Chief Financial Officer (principal financial officer) of  
BlackRock Corporate High Yield Fund VI, Inc.

Date: January 23, 2012

