

BLACKROCK CORPORATE HIGH YIELD FUND VI INC  
Form N-Q  
January 26, 2011  
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: Anne F. Ackerley, 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: 08/31/2011

Date of reporting period: 11/30/2010

Item 1 Schedule of Investments

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Schedule of Investments November 30, 2010 (Unaudited)

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

Common Stocks	Shares	Value
<b>Automobiles 0.1%</b>		
General Motors Co. (a)	17,420	\$ 595,764
<b>Building Products 0.2%</b>		
Masonite Worldwide Holdings (a)	19,572	724,164
Nortek, Inc. (a)	3,445	141,245
		865,409
<b>Capital Markets 0.2%</b>		
E*Trade Financial Corp. (a)	46,400	684,400
<b>Chemicals 0.0%</b>		
Wellman Holdings, Inc. (a)	2,616	131
<b>Communications Equipment 0.6%</b>		
Loral Space & Communications Ltd. (a)	36,431	2,662,378
<b>Diversified Financial Services 0.2%</b>		
Bank of America Corp.	89,000	974,550
<b>Electrical Equipment 0.0%</b>		
Medis Technologies Ltd. (a)	116,910	2,338
<b>Food Products 0.1%</b>		
Zhongpin, Inc. (a)	11,050	211,166
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets Restaurants Holdings, Inc. (a)	1,816	6,628
<b>Household Durables 0.1%</b>		
Beazer Homes USA, Inc. (a)	68,300	284,128
<b>Machinery 0.0%</b>		
Accuride Corp. (a)	3,538	41,046
<b>Media 0.2%</b>		
Charter Communications, Inc. (a)	25,576	857,308
<b>Paper &amp; Forest Products 0.3%</b>		
Ainsworth Lumber Co. Ltd. (a)	192,951	473,661
Ainsworth Lumber Co. Ltd. (a)(b)	221,591	543,967
Western Forest Products, Inc. (a)(b)	78,039	38,770
		1,056,398

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**Road & Rail 0.2%**

Dollar Thrifty Automotive Group, Inc. (a)	16,300	748,496
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**Semiconductors & Semiconductor**

**Equipment 0.3%**

Spanion, Inc., Class A (a)	73,658	1,456,219
SunPower Corp., Class B (a)	1,235	14,171

1,470,390

**Software 0.2%**

Bankruptcy Management Solutions, Inc. (a)	787	393
HMH Holdings/EduMedia (a)	144,404	722,020

722,413

**Common Stocks**

**Shares**

**Value**

**Wireless Telecommunication**

**Services 0.1%**

FiberTower Corp. (a)	127,570	\$ 556,205
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**Total Common Stocks 2.8%**

11,739,148

**Corporate Bonds**

**Par  
(000)**

**Aerospace & Defense 0.3%**

DynCorp International, Inc., 10.38%, 7/01/17 (b)	USD 440	446,600
Kratos Defense & Security Solutions, Inc., 10.00%, 6/01/17	840	937,650

1,384,250

**Airlines 3.0%**

Air Canada, 9.25%, 8/01/15 (b)	1,640	1,713,800
American Airlines, Inc., 10.50%, 10/15/12	1,470	1,605,975
American Airlines Pass-Through Trust, Series 2001-02, 7.86%, 4/01/13	510	534,225
Continental Airlines, Inc.: 6.75%, 9/15/15 (b)	900	925,875
Series 1997-4-B, 6.90%, 7/02/18	1,491	1,479,886
Series 2001-1-C, 7.03%, 12/15/12	358	363,767

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Series 2010-1-B, 6.00%, 7/12/20 (c)	700	707,000
Delta Air Lines, Inc., Series B, 9.75%, 12/17/16	1,520	1,653,415
United Air Lines, Inc., 12.75%, 7/15/12	3,093	3,471,381
		12,455,324

**Auto Components 1.4%**

Allison Transmission, Inc. (b): 11.00%, 11/01/15	360	389,700
11.25%, 11/01/15 (d)	284	308,140
Delphi International Holdings Unsecured, 12.00%, 10/06/14	69	71,555
Icahn Enterprises LP, 8.00%, 1/15/18	5,060	5,022,050
		5,791,445

**Beverages 0.2%**

Cott Beverages, Inc., 8.13%, 9/01/18	413	441,910
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**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
FKA	Formerly Known As
GBP	British Pound
USD	US Dollar

## Schedule of Investments (continued)

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

Corporate Bonds		Par (000)	Value
<b>Beverages (concluded)</b>			
Crown European Holdings SA, 7.13%, 8/15/18 (b)	EUR	380	\$ 504,355
			<u>946,265</u>
<b>Biotechnology 0.2%</b>			
QHP Pharma, 10.25%, 3/15/15 (b)	USD	840	847,958
<b>Building Products 3.0%</b>			
Associated Materials LLC, 9.13%, 11/01/17 (b)		760	775,200
Building Materials Corp. of America (b): 6.88%, 8/15/18		825	808,500
7.00%, 2/15/20		980	1,009,400
Momentive Performance Materials, Inc., 9.00%, 1/15/21 (b)		1,985	1,975,075
Nortek, Inc.: 11.00%, 12/01/13		3,460	3,641,977
10.00%, 12/01/18 (b)		1,640	1,640,000
Ply Gem Industries, Inc., 11.75%, 6/15/13		2,370	2,512,200
			<u>12,362,352</u>
<b>Capital Markets 0.6%</b>			
American Capital Ltd., 8.96%, 12/31/13		780	810,467
E*Trade Financial Corp., 3.43%, 8/31/19 (b)(e)(f)		380	541,975
KKR Group Finance Co., 6.38%, 9/29/20 (b)		1,020	1,036,997
			<u>2,389,439</u>
<b>Chemicals 3.7%</b>			
American Pacific Corp., 9.00%, 2/01/15		1,400	1,401,750
CF Industries, Inc.: 6.88%, 5/01/18		685	751,787
7.13%, 5/01/20		1,205	1,348,094
Chemtura Corp., 7.88%, 9/01/18 (b)		825	872,437
Georgia Gulf Corp., 9.00%, 1/15/17 (b)		260	275,600
Hexion U.S. Finance Corp.:			

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8.88%, 2/01/18		1,225	1,261,750
9.00%, 11/15/20 (b)		575	570,688
Huntsman International LLC (b):			
6.88%, 11/15/13	EUR	440	576,851
8.63%, 3/15/21	USD	780	826,800
Ineos Finance Plc, 9.00%, 5/15/15 (b)		655	677,925
MacDermid, Inc., 9.50%, 4/15/17 (b)		1,985	2,079,287
OXEA Finance/Cy SCA, 9.50%, 7/15/17 (b)		865	930,956
Omnova Solutions, Inc., 7.88%, 11/01/18 (b)		425	422,875
PolyOne Corp., 7.38%, 9/15/20		335	342,538
Rhodia SA, 6.88%, 9/15/20 (b)		1,135	1,157,700
TPC Group LLC, 8.25%, 10/01/17 (b)		520	534,300
Wellman Holdings, Inc., Subordinate Note (e):			
(Second Lien), 10.00%, 1/29/19		1,450	1,261,500
(Third Lien), 5.00%, 1/29/19 (d)		476	185,615
			15,478,453

Corporate Bonds		Par (000)		Value
<b>Commercial Banks 2.9%</b>				
CIT Group, Inc.:				
7.00%, 5/01/16	USD	2,425	\$	2,382,562
7.00%, 5/01/17		9,845		9,598,875
				11,981,437
<b>Commercial Services &amp; Supplies 1.3%</b>				
ACCO Brands Corp., 10.63%, 3/15/15				
		1,170		1,301,625
Brickman Group Holdings, Inc., 9.13%, 11/01/18 (b)				
		475		480,938
Mobile Mini, Inc., 7.88%, 12/01/20 (b)				
		360		368,550
RSC Equipment Rental, Inc., 10.00%, 7/15/17 (b)				
		935		1,033,175
West Corp. (b):				
8.63%, 10/01/18		1,520		1,580,800
7.88%, 1/15/19		605		597,437
				5,362,525
<b>Computers &amp; Peripherals 0.1%</b>				
SanDisk Corp., 1.50%, 8/15/17 (e)				
		580		619,875
<b>Consumer Finance 0.7%</b>				
Credit Acceptance Corp., 9.13%, 2/01/17 (b)				
		1,080		1,128,600
Ford Motor Credit Co. LLC:				
3.04%, 1/13/12 (g)		340		340,000

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7.80%, 6/01/12		300	318,036
6.63%, 8/15/17		1,140	1,175,022
			2,961,658

**Containers & Packaging 2.5%**

Ardagh Packaging Finance Plc, 7.38%, 10/15/17 (b)	EUR	680	869,430
Ball Corp., 6.75%, 9/15/20	USD	785	836,025
Berry Plastics Corp.: 8.25%, 11/15/15		215	223,600
9.75%, 1/15/21 (b)		1,090	1,043,675
Graham Packaging Co. LP, 8.25%, 10/01/18		390	395,850
Graphic Packaging International, Inc.: 9.50%, 6/15/17		1,245	1,350,825
7.88%, 10/01/18		620	643,250
Impress Holdings BV, 3.41%, 9/15/13 (b)(g)		595	590,538
OI European Group BV, 6.88%, 3/31/17	EUR	254	337,121
Pregis Corp., 12.38%, 10/15/13	USD	1,920	1,910,400
Smurfit Kappa Acquisitions (b): 7.25%, 11/15/17	EUR	785	1,029,154
7.75%, 11/15/19		745	993,636
			10,223,504

**Diversified Consumer Services 1.2%**

Service Corp. International, 7.00%, 6/15/17	USD	4,775	4,912,281
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**Diversified Financial Services 5.9%**

Ally Financial Inc.: 7.50%, 12/31/13		700	736,750
2.50%, 12/01/14 (g)		635	568,347
8.30%, 2/12/15		3,510	3,694,275
6.25%, 12/01/17 (b)		1,230	1,180,800
8.00%, 3/15/20 (b)		2,840	2,925,200
7.50%, 9/15/20 (b)		3,060	2,998,800

## Schedule of Investments (continued)

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

Corporate Bonds	Par (000)	Value
<b>Diversified Financial Services (concluded)</b>		
Ally Financial Inc. (concluded):		
8.00%, 11/01/31	USD 480	\$ 490,269
8.00%, 11/01/31	940	972,900
Axcan Intermediate Holdings, Inc.,		
12.75%, 3/01/16	695	724,537
FCE Bank Plc, 7.13%, 1/15/13	EUR 1,450	1,933,923
Leucadia National Corp., 8.13%,		
9/15/15	USD 1,870	2,028,950
Reynolds Group DL Escrow, Inc.,		
7.75%, 10/15/16 (b)	2,050	2,137,125
Reynolds Group Issuer, Inc. (b):		
7.75%, 10/15/16	EUR 600	802,191
7.13%, 4/15/19	USD 910	925,925
9.00%, 4/15/19	2,260	2,299,550
		24,419,542
<b>Diversified Telecommunication Services 3.7%</b>		
Broadview Networks Holdings, Inc.,		
11.38%, 9/01/12	1,680	1,646,400
Frontier Communications Corp.:		
8.25%, 4/15/17	748	822,800
8.50%, 4/15/20	500	550,000
GCI, Inc., 8.63%, 11/15/19	1,700	1,848,750
ITC Deltacom, Inc., 10.50%, 4/01/16	550	589,875
Level 3 Communications, Inc.,		
6.50%, 10/01/16 (e)	210	229,163
Nordic Telephone Co. Holdings		
ApS, 8.88%, 5/01/16 (b)	340	362,100
Qwest Communications International, Inc.:		
7.50%, 2/15/14	3,190	3,221,900
8.00%, 10/01/15	900	956,250
Series B, 7.50%, 2/15/14	2,370	2,393,700
Qwest Corp., 7.63%, 6/15/15	875	1,008,437
Windstream Corp.:		
8.13%, 8/01/13	703	768,027
7.88%, 11/01/17	1,017	1,067,850
		15,465,252
<b>Electronic Equipment, Instruments &amp; Components 0.2%</b>		
NXP BV, 3.05%, 10/15/13 (g)	680	642,600
<b>Energy Equipment &amp; Services 1.7%</b>		
	380	378,100

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Calfrac Holdings LP, 7.50%, 12/01/20 (b)		
Compagnie Generale de Geophysique- Veritas: 7.50%, 5/15/15	1,535	1,573,375
7.75%, 5/15/17	395	414,750
Exterran Holdings, Inc., 7.25%, 12/01/18 (b)	685	685,000
Frac Tech Services LLC, 7.13%, 11/15/18 (b)	965	957,762
Global Geophysical Services, Inc., 10.50%, 5/01/17	390	386,100
North American Energy Alliance LLC, 10.88%, 6/01/16 (b)	1,055	1,171,050
Precision Drilling Corp., 6.63%, 11/15/20 (b)	585	590,850
Thermon Industries, Inc., 9.50%, 5/01/17 (b)	850	905,250
		<u>7,062,237</u>

Corporate Bonds	Par (000)	Value
<b>Food &amp; Staples Retailing 0.8%</b>		
AmeriQual Group LLC, 9.50%, 4/01/12 (b)	USD 910	\$ 891,800
Rite Aid Corp.: 9.75%, 6/12/16	660	708,675
7.50%, 3/01/17	945	890,663
8.00%, 8/15/20 (b)	820	844,600
		<u>3,335,738</u>

<b>Food Products 0.4%</b>		
B&G Foods, Inc., 7.63%, 1/15/18	340	352,325
Reddy Ice Corp., 11.25%, 3/15/15 (b)	690	696,900
Smithfield Foods, Inc., 10.00%, 7/15/14 (b)	190	214,700
TreeHouse Foods, Inc., 7.75%, 3/01/18	250	271,250
		<u>1,535,175</u>

<b>Health Care Equipment &amp; Supplies 1.5%</b>		
DJO Finance LLC, 10.88%, 11/15/14	3,810	4,152,900
Hologic, Inc., 2.00%, 12/15/37 (e)(h)	2,150	1,994,125
		<u>6,147,025</u>

<b>Health Care Providers &amp; Services 5.0%</b>		
American Renal Holdings, 8.38%, 5/15/18 (b)	435	450,225
DaVita, Inc., 6.38%, 11/01/18	620	614,575
Gentiva Health Services, Inc., 11.50%, 9/01/18 (b)	1,095	1,200,394
HCA, Inc.:		

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9.13%, 11/15/14	2,745	2,861,662
8.50%, 4/15/19	1,550	1,689,500
7.25%, 9/15/20	3,605	3,780,744
inVentiv Health, Inc., 10.00%, 8/15/18 (b)	1,020	1,002,150
Omnicare, Inc.:		
6.13%, 6/01/13	395	392,038
7.75%, 6/01/20	980	1,004,500
Tenet Healthcare Corp.:		
9.00%, 5/01/15	2,935	3,147,787
10.00%, 5/01/18	1,050	1,173,375
8.88%, 7/01/19	3,360	3,578,400

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20,895,350

**Health Care Technology 1.1%**

IMS Health, Inc., 12.50%, 3/01/18 (b)	3,760	4,380,400
MedAssets, Inc., 8.00%, 11/15/18 (b)	255	256,912

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4,637,312

**Hotels, Restaurants & Leisure 3.0%**

Diamond Resorts Corp., 12.00%, 8/15/18 (b)	1,860	1,897,200
Dunkin Finance Corp., 9.63%, 12/01/18 (b)	805	810,031
Enterprise Inns Plc, 6.50%, 12/06/18	GBP 656	867,612
Harrah's Operating Co., Inc.:		
11.25%, 6/01/17	USD 980	1,068,200
10.00%, 12/15/18	3,095	2,615,275
Inn of the Mountain Gods Resort & Casino, 12.00%, 11/15/10 (a)(i)	2,575	1,039,656
Little Traverse Bay Bands of Odawa Indians, 10.25%, 2/15/14 (a)(b)(i)	621	512,325

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2010

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## Schedule of Investments (continued)

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

Corporate Bonds		Par (000)	Value
<b>Hotels, Restaurants &amp; Leisure (concluded)</b>			
MGM Resorts International:			
10.38%, 5/15/14	USD	415	\$ 460,650
11.13%, 11/15/17		1,310	1,480,300
Marina District Finance Co., Inc.,			
9.88%, 8/15/18 (b)		360	344,700
Travelport LLC:			
4.92%, 9/01/14 (g)		195	176,475
9.88%, 9/01/14		320	316,800
9.00%, 3/01/16 (b)		190	188,575
Tropicana Entertainment LLC, Series WI, 9.63%, 12/15/14 (a)(i)			
		515	1,236
Virgin River Casino Corp., 9.00%, 1/15/12 (a)(i)			
		1,500	637,500
			12,416,535
<b>Household Durables 3.6%</b>			
Beazer Homes USA, Inc.:			
8.13%, 6/15/16		495	477,675
12.00%, 10/15/17		2,080	2,381,600
9.13%, 6/15/18		3,240	3,110,400
Jarden Corp., 7.50%, 1/15/20	EUR	455	606,852
K. Hovnanian Enterprises, Inc.,			
10.63%, 10/15/16	USD	2,730	2,760,712
Ryland Group Inc., 6.63%, 5/01/20			
		1,045	1,008,425
Standard Pacific Corp.:			
9.25%, 4/15/12		210	226,800
6.25%, 4/01/14		570	592,800
7.00%, 8/15/15		420	432,600
10.75%, 9/15/16		2,355	2,684,700
8.38%, 5/15/18		680	700,400
			14,982,964
<b>Household Products 0.1%</b>			
Viking Acquisition, Inc., 9.25%, 11/01/18 (b)			
		390	389,025
<b>IT Services 1.3%</b>			
First Data Corp.:			
9.88%, 9/24/15		175	148,750
10.55%, 9/24/15 (d)		1,760	1,486,588
8.88%, 8/15/20 (b)		1,980	2,059,200
SunGard Data Systems, Inc. (b):			
7.38%, 11/15/18		740	732,600

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7.63%, 11/15/20	930	930,000
		5,357,138

**Independent Power Producers & Energy Traders 2.8%**

Calpine Construction Finance Co. LP, 8.00%, 6/01/16 (b)	2,010	2,115,525
Calpine Corp., 7.50%, 2/15/21 (b)	730	717,225
Energy Future Holdings Corp., 10.00%, 1/15/20 (b)	5,200	5,320,401
Energy Future Intermediate Holding Co. LLC, 10.00%, 12/01/20	271	277,952
NRG Energy, Inc.: 7.25%, 2/01/14	1,960	1,999,200
7.38%, 2/01/16	1,020	1,025,100
		11,455,403

Corporate Bonds	Par (000)	Value
<b>Industrial Conglomerates 2.6%</b>		
Sequa Corp. (b): 11.75%, 12/01/15	USD 3,810	\$ 4,067,175
13.50%, 12/01/15 (d)	6,236	6,766,182
		10,833,357

<b>Insurance 0.9%</b>		
Alliant Holdings I, Inc., 11.00%, 5/01/15 (b)	2,600	2,684,500
USI Holdings Corp., 4.16%, 11/15/14 (b)(g)	1,070	914,850
		3,599,350

<b>Life Sciences Tools &amp; Services 0.2%</b>		
Patheon, Inc., 8.63%, 4/15/17 (b)	910	914,550

<b>Machinery 1.7%</b>		
AGY Holding Corp., 11.00%, 11/15/14	1,650	1,487,062
Navistar International Corp.: 3.00%, 10/15/14 (e)	2,840	3,503,850
8.25%, 11/01/21	1,250	1,340,625
Oshkosh Corp., 8.25%, 3/01/17	220	236,500
Titan International, Inc., 7.88%, 10/01/17 (b)	620	644,800
		7,212,837

<b>Marine 0.7%</b>		
Horizon Lines, Inc., 4.25%, 8/15/12 (e)	3,340	3,043,575

**Media 10.6%**

Affinion Group, Inc., 7.88%, 12/15/18 (b)	135	124,538
CCH II LLC, 13.50%, 11/30/16	876	1,030,849
CCO Holdings LLC (b):		
7.88%, 4/30/18	730	755,550
8.13%, 4/30/20	730	766,500
CMP Susquehanna Corp., 3.44%, 5/15/14 (b)	254	5,080
CSC Holdings, Inc., 8.50%, 4/15/14	550	602,938
Catalina Marketing Corp., 10.50%, 10/01/15 (b)(d)	935	995,775
Checkout Holding Corp., 10.99%, 11/15/15 (b)(f)	1,360	822,800
Clear Channel Worldwide Holdings, Inc.:		
9.25%, 12/15/17	1,313	1,391,780
Series B, 9.25%, 12/15/17	6,656	7,105,280
Cox Enterprises, Inc.:		
Loan Close 2, 4.00%, 8/15/18	999	998,690
Loan Close 3, 12.00%, 8/15/18	1,155	1,155,000
Shares Loan, 4.00%, 8/15/18	1,178	1,177,586
DISH DBS Corp., 7.00%, 10/01/13	150	159,750
Gray Television, Inc., 10.50%, 6/29/15	715	715,000
Harland Clarke Holdings Corp.:		
6.00%, 5/15/15 (g)	550	445,500
9.50%, 5/15/15	660	610,500
Intelsat Corp., 9.25%, 6/15/16	2,190	2,304,975
Interactive Data Corp., 10.25%, 8/01/18 (b)	1,600	1,728,000
Liberty Global, Inc., 4.50%, 11/15/16 (e)	580	858,400

## Schedule of Investments (continued)

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

Corporate Bonds		Par (000)	Value
<b>Media (concluded)</b>			
Liberty Media Corp., 3.13%, 3/30/23 (e)	USD	1,748	\$ 1,922,800
Live Nation Entertainment, Inc., 8.13%, 5/15/18 (b)		1,640	1,656,400
The McClatchy Co., 11.50%, 2/15/17		575	602,313
Nielsen Finance LLC: 11.63%, 2/01/14		225	256,500
7.75%, 10/15/18 (b)		3,425	3,484,937
ProQuest LLC, 9.00%, 10/15/18 (b)		775	798,250
Rainbow National Services LLC, 10.38%, 9/01/14 (b)		2,570	2,669,587
Regal Entertainment Group, 9.13%, 8/15/18		520	548,600
TL Acquisitions, Inc., 10.50%, 1/15/15 (b)		985	985,000
UPC Germany GmbH (b): 8.13%, 12/01/17		985	1,024,400
8.13%, 12/01/17	EUR	701	941,776
9.63%, 12/01/19		900	1,238,334
UPC Holding BV, 9.88%, 4/15/18 (b)	USD	800	860,000
Unitymedia GmbH, 9.63%, 12/01/19	EUR	244	335,726
Unitymedia Hessen GmbH & Co. KG, 8.13%, 12/01/17		120	161,217
Univision Communications, Inc., 7.88%, 11/01/20 (b)	USD	715	731,087
Ziggo Bond Co. BV, 8.00%, 5/15/18 (b)	EUR	610	787,848
Ziggo Finance BV, 6.13%, 11/15/17 (b)		1,240	1,569,335
			44,328,601
<b>Metals &amp; Mining 3.5%</b>			
Drummond Co., Inc.: 9.00%, 10/15/14 (b)		1,250	1,318,763
7.38%, 2/15/16		360	367,200
FMG Resources August 2006 Property Ltd., 7.00%, 11/01/15 (b)		2,385	2,414,812
Foundation PA Coal Co., 7.25%, 8/01/14		3,250	3,315,000
Goldcorp, Inc., 2.00%, 8/01/14 (e)		930	1,128,788
New World Resources NV: 7.38%, 5/15/15	EUR	439	562,718

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7.88%, 5/01/18		616	803,673
Newmont Mining Corp., Series A, 1.25%, 7/15/14 (e)	USD	665	924,350
Novelis, Inc., 11.50%, 2/15/15		685	842,550
Ryerson, Inc.:			
7.66%, 11/01/14 (g)		640	596,800
12.00%, 11/01/15		450	461,813
Steel Dynamics, Inc., 7.38%, 11/01/12		325	346,125
United States Steel Corp., 7.38%, 4/01/20		360	359,550
Vedanta Resources Plc, 9.50%, 7/18/18 (b)		1,015	1,075,900
			14,518,042

Corporate Bonds		Par (000)		Value
<b>Multiline Retail 1.9%</b>				
Dollar General Corp., 11.88%, 7/15/17 (d)	USD	6,753	\$	7,833,480
<b>Oil, Gas &amp; Consumable Fuels 8.5%</b>				
Arch Coal, Inc., 7.25%, 10/01/20		1,335		1,461,825
Atlas Energy Operating Co. LLC:				
12.13%, 8/01/17		750		982,500
10.75%, 2/01/18		155		188,906
Berry Petroleum Co., 8.25%, 11/01/16		800		830,000
Bill Barrett Corp., 9.88%, 7/15/16		70		76,300
Carrizo Oil & Gas, Inc., 8.63%, 10/15/18 (b)		355		353,225
Chesapeake Energy Corp.:				
6.63%, 8/15/20		2,885		2,906,637
2.25%, 12/15/38 (e)		1,250		940,625
Coffeyville Resources LLC, 9.00%, 4/01/15 (b)		460		489,900
Connacher Oil and Gas Ltd. (b):				
11.75%, 7/15/14		280		301,000
10.25%, 12/15/15		1,755		1,728,675
Consol Energy, Inc., 8.25%, 4/01/20 (b)		3,095		3,350,337
Continental Resources, Inc., 7.13%, 4/01/21 (b)		575		603,750
Crosstex Energy LP, 8.88%, 2/15/18		280		291,900
Denbury Resources, Inc., 8.25%, 2/15/20		1,095		1,193,550
Energy Transfer Equity LP, 7.50%, 10/15/20		1,050		1,086,750
Harvest Operations Corp., 6.88%, 10/01/17 (b)		160		165,200
Hilcorp Energy I LP, 7.63%, 4/15/21 (b)		1,200		1,230,000
Linn Energy LLC (b):				
8.63%, 4/15/20		1,715		1,817,900
7.75%, 2/01/21		920		933,800
MarkWest Energy Partners LP, 6.75%, 11/01/20		405		403,988

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Massey Energy Co., 6.88%, 12/15/13	1,465	1,475,988
Niska Gas Storage US LLC, 8.88%, 3/15/18 (b)	2,930	3,076,500
OPTI Canada, Inc. (b):		
9.00%, 12/15/12	2,715	2,701,425
9.75%, 8/15/13	1,500	1,492,500
Patriot Coal Corp., 8.25%, 4/30/18	355	355,000
Peabody Energy Corp., 6.50%, 9/15/20	1,600	1,728,000
Petrohawk Energy Corp.:		
10.50%, 8/01/14	595	670,863
7.88%, 6/01/15	680	700,400
Range Resources Corp., 8.00%, 5/15/19	700	763,000
Teekay Corp., 8.50%, 1/15/20	1,020	1,111,800
		35,412,244

**Paper & Forest Products 3.2%**

Ainsworth Lumber Co. Ltd., 11.00%, 7/29/15 (b)(d)	1,790	1,601,855
Boise Paper Holdings LLC:		
9.00%, 11/01/17	525	578,813
8.00%, 4/01/20	240	259,800

## Schedule of Investments (continued)

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

Corporate Bonds		Par (000)	Value
<b>Paper &amp; Forest Products (concluded)</b>			
Clearwater Paper Corp.:			
10.63%, 6/15/16	USD	625	\$ 717,187
7.13%, 11/01/18 (b)		885	900,487
Georgia-Pacific LLC, 8.25%, 5/01/16 (b)		2,570	2,839,850
NewPage Corp., 11.38%, 12/31/14		5,045	4,565,725
PH Glatfelter Co., 7.13%, 5/01/16		330	340,725
Verso Paper Holdings LLC, 11.50%, 7/01/14		1,335	1,448,475
			13,252,917
<b>Pharmaceuticals 0.8%</b>			
Angiotech Pharmaceuticals, Inc., 4.05%, 12/01/13 (g)		1,441	1,178,018
Novasep Holding SAS, 9.63%, 12/15/16 (b)	EUR	979	838,718
Valeant Pharmaceuticals International (b):			
6.75%, 10/01/17	USD	590	582,625
7.00%, 10/01/20		750	731,250
			3,330,611
<b>Professional Services 0.3%</b>			
FTI Consulting, Inc., 6.75%, 10/01/20 (b)		1,450	1,464,500
<b>Real Estate Investment Trusts (REITs) 0.4%</b>			
Omega Healthcare Investors, Inc., 6.75%, 10/15/22 (b)		830	827,925
The Rouse Co. LP, 6.75%, 11/09/15		805	825,125
			1,653,050
<b>Real Estate Management &amp; Development 0.6%</b>			
CB Richard Ellis Services, Inc., 6.63%, 10/15/20 (b)		520	520,000
Forest City Enterprises, Inc., 7.63%, 6/01/15		2,300	2,144,750
			2,664,750

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<b>Road &amp; Rail 1.5%</b>			
Avis Budget Car Rental LLC:			
9.63%, 3/15/18		800	838,000
8.25%, 1/15/19 (b)		890	869,975
The Hertz Corp., 7.50%, 10/15/18 (b)		1,620	1,636,200
Hertz Holdings Netherlands BV, 8.50%, 7/31/15 (b)	EUR	1,120	1,541,038
Syncreon Global Ireland Ltd., 9.50%, 5/01/18 (b)	USD	1,260	1,288,350
			6,173,563

<b>Semiconductors &amp; Semiconductor Equipment 0.2%</b>			
Advanced Micro Devices, Inc., 7.75%, 8/01/20 (b)			
		445	456,125
Spanision LLC, 7.88%, 11/15/17 (b)		430	438,063
			894,188

<b>Specialty Retail 2.1%</b>			
Asbury Automotive Group, Inc., 8.38%, 11/15/20 (b)			
		515	520,150
Group 1 Automotive, Inc., 2.25%, 6/15/36 (e)(h)		1,685	1,539,669

<b>Corporate Bonds</b>		<b>Par (000)</b>		<b>Value</b>
<b>Specialty Retail (concluded)</b>				
Hillman Group, Inc., 10.88%, 6/01/18 (b)	USD	830	\$	913,000
Limited Brands, Inc., 8.50%, 6/15/19		1,255		1,446,387
Michaels Stores, Inc., 7.75%, 11/01/18 (b)		445		432,763
Petco Animal Supplies, Inc., 9.25%, 12/01/18 (b)		795		800,962
Rent-A-Center, Inc., 6.63%, 11/15/20 (b)		370		364,450
Sonic Automotive, Inc., 9.00%, 3/15/18		580		598,850
Toys R US-Delaware, Inc., 7.38%, 9/01/16 (b)		660		688,875
United Auto Group, Inc., 7.75%, 12/15/16		1,670		1,640,775
				8,945,881

<b>Tobacco 0.1%</b>			
Vector Group Ltd., 11.00%, 8/15/15		505	516,363

<b>Wireless Telecommunication Services 4.4%</b>			
Cricket Communications, Inc.:			
10.00%, 7/15/15		1,910	2,015,050
7.75%, 5/15/16		1,080	1,104,300
Digitel Group Ltd. (b):			

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8.88%, 1/15/15	1,120	1,131,200
9.13%, 1/15/15 (d)	2,864	2,892,640
8.25%, 9/01/17	1,240	1,302,000
10.50%, 4/15/18	800	880,000
FiberTower Corp., 9.00%, 1/01/16 (d)	488	421,339
iPCS, Inc., 2.41%, 5/01/13 (g)	1,295	1,236,725
Intelsat Jackson Holdings SA, 7.25%, 10/15/20 (b)	1,015	1,012,462
MetroPCS Wireless, Inc.:		
7.88%, 9/01/18	810	839,363
6.63%, 11/15/20	1,190	1,133,475
NII Holdings, Inc., 3.13%, 6/15/12 (e)	570	553,613
Nextel Communications, Inc.:		
Series E, 6.88%, 10/31/13	1,880	1,877,650
Series F, 5.95%, 3/15/14	170	164,050
Sprint Capital Corp., 6.88%, 11/15/28	2,180	1,853,000
		18,416,867
<b>Total Corporate Bonds 96.4%</b>		401,466,788

**Floating Rate Loan Interests (g)**

**Building Products 1.5%**

CPG International I, Inc., Term Loan, 7.25%, 2/28/11	4,899	4,899,152
Goodman Global, Inc., Term Loan (Second Lien), 9.00%, 10/13/17	1,200	1,227,300
		6,126,452

**Capital Markets 0.1%**

Marsico Parent Co., LLC, Term Loan, 5.31%, 12/15/14	757	561,271
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## Schedule of Investments (continued)

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

Floating Rate Loan Interests (g)	Par (000)	Value
<b>Chemicals 0.1%</b>		
PQ Corp. (FKA Niagara Acquisition, Inc.), Term Loan (First Lien), 3.51% - 3.54%, 7/30/14	USD 420	\$ 399,543
<b>Commercial Services &amp; Supplies 1.3%</b>		
AWAS Finance Luxembourg Sarl, Term Loan B, 7.75%, 6/10/16	1,500	1,527,499
Delos Aircraft, Inc., Term Loan 2, 7.00%, 3/17/16	975	989,800
International Lease Finance Corp., Term Loan 1, 6.75%, 3/17/15	1,350	1,367,357
Volume Services America, Inc. (Centerplate), Term Loan B, 10.75%, 8/24/16	1,600	1,596,000
		5,480,656
<b>Construction &amp; Engineering 0.8%</b>		
Safway Services, LLC, Last Out Term Loan, 15.63%, 12/14/17	3,250	3,250,000
<b>Consumer Finance 1.6%</b>		
AGFS Funding Co., Term Loan, 7.25%, 4/21/15	6,500	6,547,736
<b>Electric Utilities 0.5%</b>		
New Development Holdings LLC, Term Loan, 7.00%, 7/03/17	2,020	2,052,014
<b>Food Products 0.3%</b>		
Advance Pierre Foods, Term Loan (Second Lien), 11.25%, 9/29/17	1,300	1,309,750
<b>Health Care Providers &amp; Services 0.7%</b>		
Harden Healthcare, Inc.: Add-on Term Loan, 7.75%, 3/02/15	878	859,950
Tranche A Term Loan, 8.50%, 2/22/15	673	659,651
inVentiv Health, Inc. (FKA Ventive Health, Inc.), Term Loan B, 6.50%, 7/31/16	1,397	1,403,483
		2,923,084

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<b>Hotels, Restaurants &amp; Leisure 1.2%</b>			
Travelport LLC (FKA Travelport, Inc.), Loan, 8.28%, 3/27/12 (d)		5,440	5,045,331
<b>Household Durables 0.4%</b>			
Visant Corp. (FKA Jostens), Term Loan B, 7.00%, 12/20/16		1,600	1,613,000
<b>IT Services 0.4%</b>			
First Data Corp.:			
Initial Tranche B-1 Term Loan, 3.00%, 9/24/14		254	228,999
Initial Tranche B-2 Term Loan, 3.00%, 9/24/14		642	577,615
Initial Tranche B-3 Term Loan, 3.00%, 9/24/14		1,162	1,047,621
			1,854,235
<b>Independent Power Producers &amp; Energy Traders 0.9%</b>			
Texas Competitive Electric Holdings Co., LLC (TXU):			
Initial Tranche B-1 Term Loan, 3.75% - 3.79%, 10/10/14		341	263,411
<b>Floating Rate Loan Interests (g)</b>		<b>Par (000)</b>	<b>Value</b>
<b>Independent Power Producers &amp; Energy Traders (concluded)</b>			
Texas Competitive Electric Holdings Co., LLC (TXU) (concluded):			
Initial Tranche B-2 Term Loan, 3.75% - 3.79%, 10/10/14	USD	214	\$ 165,335
Initial Tranche B-3 Term Loan, 3.75% - 3.79%, 10/10/14		4,530	3,486,382
			3,915,128
<b>Media 1.6%</b>			
Cengage Learning Acquisitions, Inc. (Thomson Learning), Tranche 1 Incremental Term Loan, 7.50%, 7/03/14		2,688	2,694,845
HMH Publishing Co., Ltd., Tranche A Term Loan, 5.75%, 6/12/14		1,487	1,373,166
Newsday, LLC, Fixed Rate Term Loan, 10.50%, 8/01/13		2,450	2,597,000
			6,665,011
<b>Multiline Retail 0.6%</b>			
Hema Holding BV, Mezzanine, 4.35% - 5.00%, 1/29/17 (d)	EUR	1,584	1,989,790
The Neiman Marcus Group, Inc., Term Loan B, 4.29%, 4/06/16	USD	388	379,682
			2,369,472

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**Oil, Gas & Consumable Fuels 1.6%**

Obsidian Natural Gas Trust, Term Loan, 7.00%, 11/30/15	3,797	3,872,940
Turbo Beta Ltd., Dollar Facility, 2.50% - 12.00%, 3/15/18 (d)	3,799	2,659,332
		<u>6,532,272</u>

**Paper & Forest Products 0.4%**

Verso Paper Finance Holdings LLC, 6.54% - 7.29%, 2/01/13 (d)	2,054	1,643,466
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**Real Estate Investment Trusts (REITs) 0.1%**

iStar Financial, Inc., Term Loan (Second Lien), 1.75%, 6/28/11	350	334,930
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**Real Estate Management & Development 0.8%**

Realogy Corp.: Initial Term Loan B, 3.29%, 10/10/13	1,683	1,545,436
Synthetic Letter of Credit, 0.11% - 3.15%, 10/10/13	229	210,657
Term Loan (Second Lien), 13.50%, 10/15/17	1,575	1,706,906
		<u>3,462,999</u>

**Specialty Retail 0.2%**

Claire's Stores, Inc., Term Loan B, 3.01% - 3.04%, 5/29/14	235	205,465
Michaels Stores, Inc., Term Loan B-1, 2.56%, 10/31/13	558	537,642
		<u>743,107</u>

**Total Floating Rate Loan Interests 15.1%**

62,829,457

## Schedule of Investments (continued)

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

Investment Companies	Shares	Value
iPATH S&P 500 VIX Mid-Term Futures ETN (a)	7,690	\$ 573,366
<b>Total Investment Companies 0.1%</b>		573,366

Other Interests (j)	Beneficial Interest (000)	Value
<b>Auto Components 2.2%</b>		
Delphi Debtor-in-Possession Holding Co. LLP, Class B Membership Interests	USD 1	9,141,054
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets, Inc.	950	95
<b>Media 0.0%</b>		
Adelphia Escrow	1,300	130
Adelphia Recovery Trust	1,630	6,522
		6,652
<b>Total Other Interests 2.2%</b>		9,147,801

## Preferred Securities

Capital Trusts	Par (000)	Value
<b>Commercial Banks 0.1%</b>		
Royal Bank of Scotland Group Plc, Series MTN, 7.64% (a)(i)(k)	500	330,000
<b>Total Capital Trusts 0.1%</b>		330,000

Preferred Stocks	Shares	Value
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<b>Automobiles 1.1%</b>		
General Motors Co., 4.75% (a)	84,550	4,286,685
<b>Media 0.0%</b>		
CMP Susquehanna Radio Holdings Corp., 0.00% (a)(b)	59,235	1
<b>Thrifts &amp; Mortgage Finance 0.0%</b>		
Fannie Mae, Series O, 0.00% (a)	40,000	23,000
Freddie Mac, Series Z, 8.38% (a)	110,157	59,484
		82,484
<b>Total Preferred Stocks 1.1%</b>		4,369,170
<b>Total Preferred Securities 1.2%</b>		4,699,170
<b>Warrants (l)</b>		
<b>Health Care Providers &amp; Services 0.0%</b>		
HealthSouth Corp. (Expires 1/16/14)	54,577	1
<b>Warrants (l)</b>	<b>Shares</b>	<b>Value</b>
<b>Hotels, Restaurants &amp; Leisure 0.0%</b>		
Buffets Restaurants Holdings, Inc. (Expires 4/29/14)	802	\$ 8
<b>Media 0.0%</b>		
CMP Susquehanna Radio Holdings Corp. (Expires 3/26/19) (b)	67,691	1
New Vision Holdings LLC (Expires 9/30/14)	4	40
New Vision Holdings LLC (Expires 9/30/14)	22	222
		263
<b>Oil, Gas &amp; Consumable Fuels 0.0%</b>		
Turbo Cayman Ltd. (No Expiration)	2	
<b>Software 0.0%</b>		
Bankruptcy Management Solutions, Inc. (Expires 9/29/17)	525	5
HMH Holdings/EduMedia (Expires 3/09/17)	22,578	
		5
<b>Total Warrants 0.0%</b>		277
		490,456,007

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<b>Total Long-Term Investments</b>		
(Cost	\$484,177,857)	117.8%
<hr/>		
<b>Short-Term Securities</b>		
<hr/>		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.18%, 12/31/99 (m)(n)	683,132	683,132
<hr/>		
<b>Total Short-Term Securities</b>		683,132
(Cost	\$683,132)	0.2%
<hr/>		
<b>Total Investments</b>		491,139,139
(Cost	\$484,860,989*)	118.0%
<b>Liabilities in Excess of Other Assets</b>	(18.0%)	(74,893,407)
<hr/>		
<b>Net Assets</b>	100.0%	\$ 416,245,732
<hr/>		

\* The cost and unrealized appreciation (depreciation) of investments as of November 30, 2010, as computed for federal income tax purposes were as follows:

Aggregate cost	\$ 484,929,902
Gross unrealized appreciation	\$ 28,365,732
Gross unrealized depreciation	(22,156,495)
Net unrealized appreciation	\$ 6,209,237

- (a) Non-income producing security.
- (b) Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) When-issued security. Unsettled when-issued transactions were as follows:

Counterparty	Value	Unrealized Appreciation
Morgan Stanley Capital Services, Inc.	\$ 707,000	\$ 7,000

- (d) Represents a payment-in-kind security which may pay interest/dividends in additional par/shares.



## Schedule of Investments (continued)

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

- (e) Convertible security.
- (f) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (g) Variable rate security. Rate shown is as of report date.
- (h) 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.
- (i) Issuer filed for bankruptcy and/or is in default of interest payments.
- (j) Other interests represent beneficial interest in liquidation trusts and other reorganization entities and are non-income producing.
- (k) Security is perpetual in nature and has no stated maturity date.
- (l) 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.
- (m) 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, 2010	Net Activity	Shares Held at November 30, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	1,808,758	(1,125,626)	683,132	\$ 1,595

- (n) Represents the current yield as of report date.

Financial futures contracts sold as of November 30, 2010 were as follows:

Contracts	Issue	Exchange	Expiration	Notional Value	Unrealized Appreciation
237	E-mini S&P 500	Chicago Mercantile	December 2010	\$ 14,015,078	\$ 36,818

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Foreign currency exchange contracts as of November 30, 2010 were as follows:

Currency Purchased		Currency Sold		Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
USD	542,659	CAD	547,000	Citibank NA	1/19/11	\$ 10,356
USD	1,719,166	EUR	1,240,000	Deutsche Bank AG	1/19/11	109,877
USD	857,755	GBP	540,000	Citibank NA	1/19/11	18,098
EUR	114,400	USD	155,995	Citibank NA	1/28/11	(7,531)
USD	25,909,489	EUR	18,923,500	Deutsche Bank AG	1/28/11	1,351,268
<b>Total</b>						<b>\$ 1,482,068</b>

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2010

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## Schedule of Investments (continued)

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

Credit default swaps on single-name issuers - buy protection outstanding as of November 30, 2010 were as follows:

Issuer	Pay Fixed Rate	Counterparty	Expiration	Notional Amount (000)	Unrealized Appreciation (Depreciation)
K. Hovnanian Enterprises, Inc.	5.00%	Goldman Sachs International	December 2011	\$ 805	\$ 10,971
K. Hovnanian Enterprises, Inc.	5.00%	Goldman Sachs Bank USA	December 2013	\$ 1,600	187,780
Louisiana-Pacific Corp.	5.00%	JPMorgan Chase Bank NA	March 2014	\$ 500	(108,239)
Harrah's Operating Company, Inc.	5.00%	Deutsche Bank AG	December 2015	\$ 2,025	(62,298)
Republic of Hungary	1.00%	Deutsche Bank AG	December 2015	\$ 470	9,782
iStar Financial, Inc.	5.00%	Deutsche Bank AG	December 2016	\$ 375	(41,392)
<b>Total</b>					<b>\$ (3,396)</b>

Credit default swaps on single-name issuers - sold protection outstanding as of November 30, 2010 were as follows:

Issuer	Receive Fixed Rate	Counterparty	Expiration	Credit Rating <sup>1</sup>	Notional Amount (000) <sup>2</sup>	Unrealized Appreciation (Depreciation)
iStar Financial, Inc.	5.00%	Deutsche Bank AG	September 2011	CCC-	\$ 375	\$ 33,581
Texas Competitive Electric Holdings Co. LLC	5.00%	Goldman Sachs International	September 2012	CCC	\$ 775	(71,553)
MBIA Insurance Corp.	5.00%	Deutsche Bank AG	December 2012	BB+	\$ 105	(11,481)
MBIA Insurance Corp.	5.00%	Deutsche Bank AG	December 2012	BB+	\$ 260	(37,056)
Advanced Micro Devices, Inc.	5.00%	JPMorgan Chase Bank NA	March 2015	B+	\$ 1,150	48,091
Realogy Corp.	5.00%	Credit Suisse International	March 2015	C	\$ 175	4,555
Realogy Corp.	5.00%	JPMorgan Chase Bank NA	March 2015	C	\$ 250	(13,930)
Realogy Corp.	5.00%	JPMorgan Chase Bank NA	March 2015	C	\$ 175	3,074
Realogy Corp.	5.00%	JPMorgan Chase Bank NA	March 2015	C	\$ 350	1,091
Levi Strauss & Co.	5.00%	Goldman Sachs International	June 2015	B+	\$ 370	14,707
Levi Strauss & Co.	5.00%	Goldman Sachs International	September 2015	B+	\$ 870	31,069
Realogy Corp.	5.00%	JPMorgan Chase Bank NA	September 2015	C	\$ 200	2,138

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Assured Guaranty Ltd.	5.00%	Deutsche Bank AG	December 2015	A+	\$	105	(4,572)
M.D.C. Holdings, Inc.	1.00%	Deutsche Bank AG	December 2015	BBB-	\$	535	3,424
M.D.C. Holdings, Inc.	1.00%	JPMorgan Chase Bank NA	December 2015	BBB-	\$	535	1,077
<b>Total</b>						\$	<b>4,215</b>

<sup>1</sup> Using Standard and Poor's rating of the issuer.

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

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. This definition may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

## Schedule of Investments (continued)

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

Fair Value Measurements - Various inputs are used in determining the fair value of investments and derivatives, which are as follows:

Level 1 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 derivatives)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments 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, 2010 in determining the fair valuation of the Fund's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
<b>Assets:</b>				
Investments in Securities:				
Long-Term Investments:				
Common Stocks	\$ 10,472,637	\$ 544,360	\$ 722,151	\$ 11,739,148
Corporate Bonds		396,611,762	4,855,026	401,466,788
Floating Rate Loan Interests		34,652,647	28,176,810	62,829,457
Investment Companies	573,366			573,366
Other Interests		9,141,054	6,747	9,147,801
Preferred Securities	4,369,170	329,999	1	4,699,170
Warrants			277	277
Short-Term Securities	683,132			683,132
<b>Liabilities:</b>				
Unfunded Loan				
Commitments			(13,136)	(13,136)
<b>Total</b>	<b>\$ 16,098,305</b>	<b>\$ 441,279,822</b>	<b>\$ 33,747,876</b>	<b>\$ 491,126,003</b>

Derivative Financial Instruments<sup>1</sup>

Valuation Inputs	Level 1	Level 2	Level 3	Total
<b>Assets:</b>				
Credit contracts		\$ 351,340		\$ 351,340
Foreign currency exchange contracts		1,489,599		1,489,599

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Equity contract	\$	36,818		36,818
<b>Liabilities:</b>				
Credit contracts			(350,521)	(350,521)
Foreign currency exchange contracts			(7,531)	(7,531)
<b>Total</b>	\$	36,818	\$ 1,482,887	\$ 1,519,705

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

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BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

NOVEMBER 30, 2010

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## Schedule of Investments (concluded)

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

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

	Common Stocks	Corporate Bonds	Floating Rate Loan Interests	Other Interests	Preferred Securities	Warrants	Unfunded Loan Commitments	Total
<b>Assets/Liabilities:</b>								
Balance, as of August 31, 2010	\$ 712,707	\$ 4,851,224	\$ 20,602,850	\$ 6,747	\$ 1	\$ 271	\$ (36,123)	\$ 26,137,677
Accrued discounts/premiums		8,268	74,030					82,298
Net realized gain (loss)			288,564					288,564
Net change in unrealized appreciation/depreciation <sup>2</sup>	834,860	(4,466)	432,627				22,987	1,286,008
Purchases	(825,416)		69,529					2,309,835
Sales			(6,025,688)					(9,091,410)
Transfers in <sup>3</sup>			14,724,688			6		14,724,694
Transfers out <sup>3</sup>			(1,989,790)					(1,989,790)
<b>Balance as of November 30, 2010</b>	<b>\$ 722,151</b>	<b>\$ 4,855,026</b>	<b>\$ 28,176,810</b>	<b>\$ 6,747</b>	<b>\$ 1</b>	<b>\$ 277</b>	<b>\$ (13,136)</b>	<b>\$ 33,747,876</b>

<sup>2</sup> The net change in the unrealized appreciation/depreciation on the securities still held on November 30, 2010 was \$1,236,000.

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

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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/ Anne F. Ackerley  
Anne F. Ackerley  
Chief Executive Officer (principal executive officer) of  
BlackRock Corporate High Yield Fund VI, Inc.

Date: January 26, 2011

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/ Anne F. Ackerley  
Anne F. Ackerley  
Chief Executive Officer (principal executive officer) of  
BlackRock Corporate High Yield Fund VI, Inc.

Date: January 26, 2011

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

Date: January 26, 2011