

BLACKROCK CORPORATE HIGH YIELD FUND, INC.

Form N-Q

July 27, 2016

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, 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, Inc., 55 East 52nd Street, New York, NY 10055

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

Date of fiscal year end: 08/31/2016

Date of reporting period: 05/31/2016

Item 1 Schedule of Investments

Consolidated Schedule of Investments May 31, 2016 (Unaudited) **BlackRock Corporate High Yield Fund, Inc. (HYT)**

(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Capital Markets 1.7%		
American Capital Ltd. (a)	1,522,327	\$ 24,448,572
Uranium Participation Corp. (a)	176,860	579,935
		25,028,507
Chemicals 0.1%		
Advanced Emissions Solutions, Inc. (a)	168,580	1,272,779
Consumer Finance 1.4%		
Ally Financial, Inc. (a)	1,126,277	20,205,409
Diversified Financial Services 0.0%		
Concrete Investments II S.C.A.	4,997	
Kcad Holdings I Ltd. (a)	2,223,465,984	22,235
		22,235
Diversified Telecommunication Services 0.0%		
Broadview Networks Holdings, Inc. (a)	192,400	298,219
Energy Equipment & Services 0.1%		
Laricina Energy Ltd. (a)(b)	211,764	2
Osum Oil Sands Corp. (a)(b)	400,000	921,737
		921,739
Hotels, Restaurants & Leisure 0.4%		
Amaya, Inc. (a)	377,280	5,607,341
Media 0.0%		
Emmis Communications Corp., Class A (a)	28,840	15,144
Metals & Mining 0.1%		
Peninsula Energy Ltd. (a)	2,051,920	962,251
Oil, Gas & Consumable Fuels 0.5%		
Denbury Resources, Inc. (a)	138,760	531,451
Gener8 Maritime Corp.	965,338	6,979,393
		7,510,844
Real Estate Investment Trusts (REITs) 0.0%		
MGM Growth Properties LLC (a)	3,465	79,695
Ovation Acquisition I LLC, (Acquired 12/29/15, cost \$187,463) (c)	12,175	12,175
		91,870
Semiconductors & Semiconductor Equipment 0.0%		
SunPower Corp. (a)	1,025	17,968
Wireless Telecommunication Services 0.2%		
T-Mobile U.S., Inc. (a)	59,550	2,546,358
Total Common Stocks 4.5%		64,500,664
	Par	
	(000)	Value
Asset-Backed Securities (d)(e) 2.4%		
ALM Loan Funding, Series 2013-7RA:		
Class C, 4.09%, 4/24/24	USD 2,340	\$ 2,232,002
Class D, 5.64%, 4/24/24	2,360	2,217,127
ALM VII R-2, Ltd., Series 2013-7R2A,		
Class C, 4.09%, 4/24/24	500	476,920
ALM XII Ltd., Series 2015-12A:		
Class C1, 4.38%, 4/16/27	1,500	1,357,650
Class D, 6.13%, 4/16/27	250	210,980
ALM XIV Ltd., Series 2014-14A,		
Class C, 4.08%, 7/28/26	500	461,822
AMMC CLO 18, Ltd., Series 2016-18A,		
Class D, 5.67%, 5/26/28	500	477,500

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AMMC CLO IX, Ltd., Series 2011-9A:		
Class DR, 6.28%, 1/15/22	1,000	1,000,000
Class ER, 8.28%, 1/15/22	1,000	971,030
AMMC CLO Ltd., Series 2014-15A,		
Class C1, 4.10%, 12/09/26	1,000	992,500
Apidos CLO XVIII, Series 2014-18A,		
Class C, 4.29%, 7/22/26	550	497,631
Atlas Senior Loan Fund V Ltd., Series 2014-1A:		
Class C, 3.63%, 7/16/26	250	245,242
Class D, 4.08%, 7/16/26	250	220,032
Avalon IV Capital Ltd., Series 2012-1AR, Class CR, 3.14%, 4/17/23	850	843,171
Benefit Street Partners CLO, Ltd., Series 2014-IVA, Class C, 4.13%, 7/20/26	500	451,567
BlueMountain CLO Ltd.:		
Series 2014-1A, Class C, 3.39%, 4/30/26	1,000	976,233
Series 2015-1A, Class D, 6.08%, 4/13/27	750	637,910
Carlyle Global Market Strategies CLO Ltd., Series 2014-5A, Class C, 4.78%, 10/16/25	1,000	936,806
Cedar Funding, Ltd., Series 2014-3A,		
Class D, 4.19%, 5/20/26	535	488,054
CIFC Funding Ltd.:		
Series 2011-1A, Class D, 5.63%, 1/19/23	750	744,885
Series 2014-2A,		
Class A3L, 3.51%, 5/24/26	500	489,166

BLACKROCK CORPORATE HIGH YIELD FUND, INC.

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Consolidated Schedule of Investments (continued)

BlackRock Corporate High Yield Fund, Inc. (HYT)

	Par	
	(000)	Value
Asset-Backed Securities		
Asset-Backed Securities (continued)		
CIFC Funding Ltd. (continued):		
Series 2014-3A, Class C1, 3.44%, 7/22/26	USD 500	\$ 484,991
Dryden Senior Loan Fund, Series 2014-36A, Class D, 4.38%, 11/09/25	1,000	887,709
HPS Loan Management 9-2016, Ltd., Series 9A-2016, Class D2, 7.08%, 7/19/27 (f)	800	720,960
LCM X LP, Series 10AR, Class ER, 5.82%, 4/15/22	1,000	916,328
LCM XIII LP, Series 13A, Class D, 4.43%, 1/19/23	500	454,932
Madison Park Funding Ltd.:		
Series 2012-8AR, Class CR, 3.10%, 4/22/22	500	499,829
Series 2012-8AR, Class DR, 4.15%, 4/22/22	250	244,497
Series 2014-14A, Class D, 4.23%, 7/20/26	500	451,770
Mill Creek II CLO, Ltd., Series 2016-1A, Class E, 8.37%, 4/20/28	500	482,500
Neuberger Berman CLO XVII Ltd., Series 2014-17A, Class D, 4.19%, 8/04/25	500	453,083
Neuberger Berman CLO XVIII Ltd., Series 2014-18A:		
Class B, 3.78%, 11/14/25	500	494,244
Class C, 4.38%, 11/14/25	1,500	1,331,552
Octagon Investment Partners 26 Ltd., Series 2016-1A, Class D, 5.57%, 4/15/27	500	494,841
Octagon Investment Partners XII Ltd., Series 2012-1AR, Class ER, 5.78%, 5/05/23	1,200	1,086,528
Octagon Investment Partners XXII Ltd., Series 2014-1A:		
Class C1, 3.89%, 11/25/25	1,000	994,148
Class D1, 4.54%, 11/25/25	1,000	894,974
OneMain Financial Issuance Trust, Series 2015-2A:		
Class C, 4.32%, 7/18/25	200	190,565
Class D, 5.64%, 7/18/25	200	190,927
OZLM IX Ltd., Series 2014-9A, Class C, 4.23%, 1/20/27	1,000	887,148
OZLM XII Ltd., Series 2015-12A, Class D, 6.04%, 4/30/27	250	201,345
Sound Point CLO Ltd., Series 2014-3A, Class D, 4.24%, 1/23/27	1,250	1,097,995
	Par	
	(000)	Value
Asset-Backed Securities		
Asset-Backed Securities (continued)		
Symphony CLO Ltd., Series 2016-17A, Class D, 5.52%, 4/15/28	USD 250	\$ 246,735
Venture XIII CLO Ltd., Series 2013-13A, Class D, 4.21%, 6/10/25	1,000	906,380
Venture XIX CLO Ltd., Series 2014-19A, Class C, 3.93%, 1/15/27	700	696,052
Voya CLO Ltd., Series 2014-4A, Class C, 4.63%, 10/14/26	1,750	1,582,836
Total Asset-Backed Securities 2.4%		33,821,097
Corporate Bonds		
Aerospace & Defense 1.8%		
Accudyne Industries Borrower/Accudyne Industries LLC, 7.75%, 12/15/20 (e)	2,663	2,210,290
Bombardier, Inc. (e):		
7.50%, 3/15/18	337	343,740
5.50%, 9/15/18	880	862,400
6.00%, 10/15/22	872	745,560
7.50%, 3/15/25	3,027	2,663,760
KLX, Inc., 5.88%, 12/01/22 (e)	1,700	1,674,500
Meccanica Holdings USA, Inc. (e):		
6.25%, 7/15/19	100	109,250
6.25%, 1/15/40	100	96,750

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TransDigm, Inc.:			
5.50%, 10/15/20		1,563	1,600,121
6.00%, 7/15/22		7,850	7,987,375
6.50%, 7/15/24		4,160	4,243,200
6.38%, 6/15/26 (e)(f)		2,912	2,915,640
			25,452,586
Air Freight & Logistics 0.7%			
Air Medical Merger Sub Corp., 6.38%, 5/15/23 (e)		1,321	1,291,278
National Air Cargo Group, Inc.:			
11.88%, 5/02/18		616	616,190
11.88%, 5/08/18		635	634,797
XPO Logistics, Inc.:			
7.88%, 9/01/19 (e)		2,958	3,076,320
5.75%, 6/15/21	EUR	150	161,175
6.50%, 6/15/22 (e)	USD	4,105	3,940,800
			9,720,560

Consolidated Schedule of Investments (continued)

BlackRock Corporate High Yield Fund, Inc. (HYT)

		Par	
		(000)	Value
Corporate Bonds			
Airlines 2.0%			
American Airlines Pass-Through Trust, Series 2013-2, Class C, 6.00%, 1/15/17 (e)	USD	6,336	\$ 6,430,958
Continental Airlines Pass-Through Trust, Series 1997-4, Class B, 6.90%, 7/02/18		106	108,229
Delta Air Lines Pass-Through Trust, Series 2009-1, Class B, 9.75%, 6/17/18		742	771,917
Norwegian Air Shuttle ASA Pass-Through Trust, Series 2016-1, Class B, 7.50%, 5/10/25 (e)		1,895	1,876,050
US Airways Pass-Through Trust:			
Series 2012-2, Class C, 5.45%, 6/03/18		5,720	5,877,300
Series 2013-1, Class B, 5.38%, 5/15/23		4,764	4,900,278
Virgin Australia Trust, Series 2013-1 (e):			
Class C, 7.13%, 10/23/18		5,081	5,080,601
Class D, 8.50%, 10/23/16		3,403	3,438,611
			28,483,944
Auto Components 2.0%			
CNH Industrial Finance Europe SA, 2.88%, 5/17/23	EUR	725	797,596
Dakar Finance SA, (9.75% Cash PIK), 9.00%, 11/15/20 (g)		325	359,803
Dana Holding Corp., 6.75%, 2/15/21	USD	200	207,000
Faurecia, 3.63%, 6/15/23	EUR	300	341,723
Fiat Chrysler Finance Europe:			
4.75%, 3/22/21		400	482,490
4.75%, 7/15/22		1,107	1,347,681
FTE Verwaltungs GmbH, 9.00%, 7/15/20		100	116,828
Gestamp Funding Luxembourg SA, 3.50%, 5/15/23		250	286,337
Goodyear Dunlop Tires Europe BV, 3.75%, 12/15/23		100	115,885
Goodyear Tire & Rubber Co.:			
6.50%, 3/01/21	USD	1,110	1,164,112
5.00%, 5/31/26		471	476,299
Icahn Enterprises LP/Icahn Enterprises Finance Corp.:			
4.88%, 3/15/19		7,711	7,450,754
5.88%, 2/01/22		1,836	1,689,120
Jaguar Land Rover Automotive PLC, 5.00%, 2/15/22	GBP	753	1,128,779
Schaeffler Finance BV, 4.75%, 5/15/23 (e)	USD	1,440	1,475,100
	Par		
Corporate Bonds			
Auto Components (continued)			
Schaeffler Holding Finance BV (g):			
(5.75% Cash or 6.50% PIK), 5.75%, 11/15/21	EUR	360	\$ 428,913
(6.25% Cash), 6.25%, 11/15/19 (e)	USD	2,130	2,225,850
(6.75% Cash), 6.75%, 11/15/22 (e)		3,951	4,356,291
(6.88% Cash or 7.63% PIK), 6.88%, 8/15/18 (e)		1,000	1,025,000
(6.88% Cash), 6.88%, 8/15/18	EUR	510	551,653
UCI International, Inc., 8.63%, 2/15/19 (a)(h)	USD	7,080	1,964,700
ZF North America Capital, Inc., 4.50%, 4/29/22 (e)		321	322,766
			28,314,680
Banks 1.5%			
Allied Irish Banks PLC, 4.13%, 11/26/25 (d)	EUR	535	566,993
Banco de Sabadell SA, 5.63%, 5/06/26		300	338,775
Banco Espirito Santo SA (a)(h):			
4.75%, 1/15/18		1,900	465,088
4.00%, 1/21/19		1,100	269,261
Bankia SA, 4.00%, 5/22/24 (d)		1,000	1,084,651
CIT Group, Inc.:			
5.25%, 3/15/18	USD	4,320	4,460,400
6.63%, 4/01/18 (e)		1,400	1,476,566
5.50%, 2/15/19 (e)		6,919	7,230,355
5.00%, 8/01/23		560	571,200
6.00%, 4/01/36		2,800	2,604,000

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Commerzbank AG, 7.75%, 3/16/21	EUR	400	538,784
HSH Nordbank AG, 0.54%, 2/14/17 (d)		810	835,979
Ibercaja Banco SA, 5.00%, 7/28/25 (d)		600	631,874

21,073,926

Beverages 0.0%

Ardagh Packaging Finance PLC / Ardagh Holdings USA, Inc., 4.13%, 5/15/23		275	310,951
Horizon Holdings I SASU, 7.25%, 8/01/23		286	340,430

651,381

Biotechnology 0.1%

Rapid Holding GmbH, 6.63%, 11/15/20		700	821,692
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Consolidated Schedule of Investments (continued)

BlackRock Corporate High Yield Fund, Inc. (HYT)

	Par		
	(000)		Value
Corporate Bonds			
Building Products 2.0%			
American Builders & Contractors Supply Co., Inc. (e):			
5.63%, 4/15/21	USD	1,315	\$ 1,364,312
5.75%, 12/15/23		982	1,021,280
Builders FirstSource, Inc., 7.63%, 6/01/21 (e)		1,087	1,141,350
Building Materials Corp. of America, 6.00%, 10/15/25 (e)		4,118	4,375,375
Buzzi Unicem SpA, 2.13%, 4/28/23	EUR	175	194,798
CPG Merger Sub LLC, 8.00%, 10/01/21 (e)	USD	4,330	4,091,850
HeidelbergCement AG, 2.25%, 3/30/23	EUR	425	482,925
Masonite International Corp., 5.63%, 3/15/23 (e)	USD	2,950	3,082,750
Ply Gem Industries, Inc., 6.50%, 2/01/22		4,730	4,706,350
Standard Industries, Inc. (e):			
5.13%, 2/15/21		949	984,588
5.50%, 2/15/23		1,576	1,623,280
USG Corp.:			
9.75%, 1/15/18		3,935	4,398,425
5.50%, 3/01/25 (e)		1,234	1,311,125
			28,778,408
Capital Markets 2.0%			
American Capital Ltd., 6.50%, 9/15/18 (e)		3,840	3,916,800
Blackstone CQP Holdco LP, 9.30%, 3/19/19		19,829	19,779,678
E*Trade Financial Corp.:			
5.38%, 11/15/22		1,232	1,287,440
4.63%, 9/15/23		2,784	2,790,960
Series A, 0.00%, 8/31/19 (i)(j)		373	998,032
			28,772,910
Chemicals 1.5%			
Axalta Coating Systems US Holdings, Inc./Axalta Coating Systems Dutch Holding BV,			
7.38%, 5/01/21 (e)		1,760	1,864,368
Chemours Co.:			
6.63%, 5/15/23		666	597,735
7.00%, 5/15/25		1,826	1,601,174
Huntsman International LLC:			
4.88%, 11/15/20		286	291,005
5.13%, 4/15/21	EUR	679	777,776
5.13%, 11/15/22	USD	1,254	1,263,405
Ineos Finance PLC, 4.00%, 5/01/23	EUR	548	595,873
Inovyn Finance PLC, 6.25%, 5/15/21		200	230,597
	Par		
	(000)		Value
Corporate Bonds			
Chemicals (continued)			
Momentive Performance Materials, Inc., 3.88%, 10/24/21	USD	4,488	\$ 3,590,400
Montichem Holdco 3 SA, 5.25%, 6/15/21	EUR	311	346,726
NOVA Chemicals Corp. (e):			
5.25%, 8/01/23	USD	349	349,873
5.00%, 5/01/25		415	409,813
Platform Specialty Products Corp. (e):			
10.38%, 5/01/21		468	477,360
6.50%, 2/01/22		7,560	6,714,225
PQ Corp., 6.75%, 11/15/22 (e)		2,197	2,290,372
PSPC Escrow Corp., 6.00%, 2/01/23	EUR	394	389,066
WR Grace & Co-Conn, 5.13%, 10/01/21 (e)			