

BlackRock Health Sciences Trust
Form N-CSR
January 06, 2011

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT
INVESTMENT COMPANIES**

Investment Company Act file number 811-21702

Name of Fund: BlackRock Health Sciences Trust (BME)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Anne F. Ackerley, Chief Executive Officer, BlackRock Health Sciences Trust, 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: 10/31/2010

Date of reporting period: 10/31/2010

October 31, 2010

BlackRock Dividend Achievers™ Trust (BDV)

BlackRock Enhanced Dividend Achievers™ Trust (BDJ)

BlackRock Strategic Dividend Achievers™ Trust (BDT)

BlackRock EcoSolutions Investment Trust (BQR)

BlackRock Energy and Resources Trust (BGR)

BlackRock Global Opportunities Equity Trust (BOE)

BlackRock Health Sciences Trust (BME)

BlackRock International Growth and Income Trust (BGY)

BlackRock Real Asset Equity Trust (BCF)

BlackRock S&P Quality Rankings Global Equity Managed Trust (BQY)

Not FDIC Insured No Bank Guarantee May Lose Value

Table of Contents

	Page
Dear Shareholder	3
Annual Report:	
Trust Summaries	4
Derivative Financial Instruments	14
Financial Statements:	
Schedules of Investments	15
Statements of Assets and Liabilities	62
Statements of Operations	64
Statements of Changes in Net Assets	66
Financial Highlights	70
Notes to Financial Statements	80
Report of Independent Registered Public Accounting Firm	88
Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements	89
Automatic Dividend Reinvestment Plans	92
Important Tax Information	93
Officers and Trustees	94
Additional Information	97

Section 19(b) Disclosure

BlackRock Dividend Achievers™ Trust (BDV), BlackRock Enhanced Dividend Achievers™ Trust (BDJ), BlackRock Strategic Dividend Achievers™ Trust (BDT), BlackRock EcoSolutions Investment Trust (BQR), BlackRock Energy and Resources Trust (BGR), BlackRock Global Opportunities Equity Trust (BOE), BlackRock Health Sciences Trust (BME), BlackRock International Growth and Income Trust (BGY), BlackRock Real Asset Equity Trust (BCF) and BlackRock S&P Quality Rankings Global Equity Managed Trust (BQY) (collectively, the Trusts), acting pursuant to a Securities and Exchange Commission (SEC) exemptive order and with the approval of each Trust's Board of Trustees (the Board), each have adopted a plan, consistent with its investment objectives and policies to support a level distribution of income, capital gains and/or return of capital (the Plan). In accordance with the Plans, the Trusts currently distribute the following fixed amounts per share on a quarterly basis:

Exchange Symbol	Amount Per Common Share
BDV	\$0.162500
BDJ	\$0.245000
BDT	\$0.162500
BQR	\$0.300000
BGR	\$0.405000
BOE	\$0.568750
BME	\$0.384375
BGY	\$0.340000
BCF	\$0.271800
BQY	\$0.250000

The fixed amounts distributed per share are subject to change at the discretion of each Trust's Board. Under its Plan, each Trust will distribute all available investment income to its shareholders, consistent with its primary investment objectives and as required by the Internal Revenue Code of 1986, as amended (the Code). If sufficient investment income is not available on a quarterly basis, the Trusts will distribute long-term capital gains and/or return of capital to shareholders in order to maintain a level distribution. Each quarterly distribution to shareholders is expected to be at the fixed amount established by the Board, except for extraordinary distributions and potential distribution rate increases or decreases to enable the Trusts to comply with the distribution requirements imposed by the Code.

Shareholders should not draw any conclusions about the Trust's investment performance from the amount of these distributions or from the terms of the Plan. Each Trust's total return performance on net asset value is presented in its financial highlights table.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The Board may amend, suspend or terminate a Trust's Plan without prior notice if it deems such actions to be in the best interests of the Trust or its shareholders. The suspension or termination of the Plan could have the effect of creating a trading discount (if the Trust's stock is trading at or above net asset value) or widening an existing trading discount. The Trusts are subject to risks that could have an adverse impact on their ability to maintain level distributions. Examples of potential risks include, but are not limited to, economic downturns impacting the markets, decreased market volatility, companies suspending or decreasing corporate dividend distributions and changes in the Code. Please refer to each Trust's prospectus for a more complete description of its risks.

Please refer to the Additional Information for a cumulative summary of the Section 19(a) notices for each Trust's current fiscal period. Section 19(a) notices for the Trusts, as applicable, are available on the BlackRock website www.blackrock.com.

A Letter to Shareholders

Dear Shareholder:

The global economic recovery that began in 2009 has continued on its choppy course this year, delivering mixed but slowly improving economic data and gradual if uneven improvement of investor sentiment. The risks of a double-dip recession continue to recede, but the economy remains mired in a slow-growth environment. In the United States, the National Bureau of Economic Research declared that the Great Recession ended in June 2009. Spanning December 2007 to June 2009, this marked the longest reported recession since the Great Depression. Structural problems of ongoing deleveraging and weak spending among businesses and households weigh heavily on the pace of economic growth. The unemployment rate remains stubbornly high in the face of sluggish job gains in the private sector. The US dollar, along with other developed market currencies, has experienced devaluation resulting from aggressively easy monetary and fiscal policies. Given these long-standing conditions, the Federal Reserve Board has announced that additional policy action will be taken to combat deflation and unemployment and promote economic growth.

The high levels of volatility experienced in global equity markets throughout 2009 continued into 2010 as mixed economic data and lingering credit issues caused stocks to trade in both directions, but by the end of the first quarter, most markets had managed to post gains. The second quarter, in contrast, brought higher levels of volatility and a flight to quality as investor sentiment was dominated by fears of a double-dip recession. Global equity markets saw negative quarterly returns and for many markets, the first significant downturn since the bull market began in March 2009. In the third quarter, economic data turned less negative and strong corporate earnings reports became increasingly consistent. These factors, along with attractive valuations and expectations for additional quantitative easing, drove equity markets higher, with most markets recapturing their second quarter losses. Stocks continued their rally into the beginning of the fourth quarter, closing out the 12-month period in positive territory. International equities posted gains on both a six- and 12-month basis. In the United States, both large and small cap equities posted robust gains for the 12-month period, while on a six-month basis, large cap stocks remained relatively flat and small caps turned slightly negative.

In fixed income markets, yields fluctuated but declined significantly over the past 12 months amid heightened uncertainty. Weak economic data, lingering credit problems and, near the end of the period, the expectation of additional quantitative easing drove interest rates lower and bond prices higher. Treasuries rallied over the period, modestly outperforming the credit spread sectors of the market. Corporate credit spreads benefited from the low interest rate environment and high yield fixed income became increasingly attractive due to declining default rates and better-than-expected results on European bank stress tests. Tax-exempt municipal bonds performed well over the 12-month period, driven primarily by technical factors including favorable supply-and-demand dynamics.

Cash investments, as represented by the 3-month Treasury bill, returned only a fraction over 0% for the 12-month period as short-term interest rates remained low. Yields on money market securities remain near all-time lows.

Against this backdrop, the major market averages posted the following returns:

Total Returns as of October 31, 2010	6-month	12-month
US large cap equities (S&P 500 Index)	0.74%	16.52%
US small cap equities (Russell 2000 Index)	(1.24)	26.58
International equities (MSCI Europe, Australasia, Far East Index)	5.74	8.36
3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index)	0.08	0.12
US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index)	10.63	10.03
US investment grade bonds (Barclays Capital US Aggregate Bond Index)	5.33	8.01
Tax-exempt municipal bonds (Barclays Capital Municipal Bond Index)	3.95	7.78
US high yield bonds (Barclays Capital US Corporate High Yield 2% Issuer Capped Index)	6.73	19.10

Past performance is no guarantee of future results. Index performance shown for illustrative purposes only. You cannot invest directly in an index.

As global economic conditions continue to improve, investors across the world continue to face uncertainty about the future of economic growth. Through periods of uncertainty, as ever, BlackRock's full resources are dedicated to the management of our clients' assets. For additional market perspective and investment insight, visit www.blackrock.com/shareholdermagazine, where you'll find the most recent issue of our award-winning **Shareholder**® magazine, as well as its quarterly companion

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

newsletter, ***Shareholder Perspectives***. As always, we thank you for entrusting BlackRock with your investments, and we look forward to your continued partnership in the months and years ahead.

Sincerely,

Rob Kapito
President, BlackRock Advisors, LLC

THIS PAGE NOT PART OF YOUR FUND REPORT

OCTOBER 31, 2010

3

Trust Summary as of October 31, 2010

BlackRock Dividend Achievers™ Trust

Trust Overview

BlackRock Dividend Achievers™ Trust s (BDV) (the Trust) investment objective is to provide total return through a combination of current income, capital gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in common stocks included in the universe of common stocks of issuers which Indxis (formerly Mergent), a recognized provider of financial information, has determined are Dividend Achievers . Each issuer in the Dividend Achievers universe has been identified as a U.S. publicly traded company that has consistently increased its regular annual dividend payments for at least each of the last ten years. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 28.15% based on market price and 17.36% based on net asset value (NAV). For the same period, the benchmark Indxis Broad Dividend Achievers Index (Dividend Achievers Index) (formerly Mergent Broad Dividend Achievers Index) returned 18.27% and the broader market, as measured by the Russell 1000 Index and the Russell 1000 Value Index, returned 17.67% and 15.71%, respectively. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Detracting from performance for the period was security selection in the industrials sector as well as consumer staples and health care, where the Trust s holdings in more defensive names weighed on performance. The Trust s cash weighting, though minimal, detracted marginally as markets appreciated. Contributing to performance was stock selection in materials and in the more stable-yielding utilities sector. An underweight allocation to financials proved beneficial as the strong price appreciation seen in the sector early in 2010 trailed off during the year due to significant headwinds, including increased regulation and a tightening competitive environment. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on New York Stock Exchange (NYSE)	BDV
Initial Offering Date	December 23, 2003
Yield based on Closing Market Price as of October 31, 2010 (\$9.88) ¹	6.58%
Current Quarterly Distribution per Common Share ²	\$0.1625
Current Annualized Distribution per Common Share ²	\$0.6500

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 9.88	\$ 8.27	19.47%	\$ 9.98	\$ 5.88
Net Asset Value	\$ 10.00	\$ 9.14	9.41%	\$ 10.11	\$ 8.86

The following charts show the ten largest holdings and sector allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
International Business Machines Corp.	5%
Chevron Corp.	4
Exxon Mobil Corp.	3
Caterpillar, Inc.	3
Johnson & Johnson	3
McDonald's Corp.	3
AT&T Inc.	3
Abbott Laboratories	3
Procter & Gamble Co. (The)	3
Altria Group, Inc.	3

Sector Allocations

	10/31/10	10/31/09
Consumer Staples	21%	22%
Industrials	14	15
Health Care	12	15
Energy	11	9
Utilities	9	4
Consumer Discretionary	8	8
Financials	7	13
Information Technology	6	6
Materials	6	3
Telecommunication Services	6	5

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. This definition may not apply for purposes of this report, which may combine sector sub-classifications for reporting ease.

Trust Summary as of October 31, 2010

BlackRock Enhanced Dividend Achievers™ Trust

Trust Overview

BlackRock Enhanced Dividend Achievers™ Trust s (BDJ) (the Trust) primary investment objective is to provide current income and current gains, with a secondary investment objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing in common stocks that pay above average dividends and have the potential for capital appreciation and by utilizing an option writing (selling) strategy to enhance current gains. The Trust invests, under normal market conditions, at least 80% of its assets in common stocks that are included in the universe of common stocks of issuers which Indxis (formerly Mergent) has determined are Dividend Achievers and options with exposure to such stocks. Each issuer in the Dividend Achievers universe has been identified as a U.S. publicly traded company that has consistently increased its regular annual dividend payments for at least each of the last ten years. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 28.30% based on market price and 15.23% based on NAV. For the same period, the benchmark Dividend Achievers Index returned 18.27% and the broader market, as measured by the Russell 1000 Index and the Russell 1000 Value Index, returned 17.67% and 15.71%, respectively. All returns reflect reinvestment of dividends. The Trust moved from a discount to NAV to a premium by period-end, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Stock selection in the industrials sector was the primary cause of the Trust s underperformance relative to the benchmark. The Trust s cash position hindered relative performance as markets appreciated over the period. Also detracting was stock selection in consumer staples and health care, where the Trust s holdings in more defensive names weighed on performance. Contributing positively to performance was security selection based on fundamental analyses in materials, utilities, and telecommunication services; the Trust s holdings in these sectors performed as anticipated and generated meaningful dividend income in an environment where investors avidly sought yield and income. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BDJ
Initial Offering Date	August 31, 2005
Yield based on Closing Market Price as of October 31, 2010 (\$8.99) ¹	10.90%
Current Quarterly Distribution per Common Share ²	\$0.245
Current Annualized Distribution per Common Share ²	\$0.980

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 8.99	\$ 7.89	13.94%	\$ 9.28	\$ 7.29
Net Asset Value	\$ 8.32	\$ 8.13	2.34%	\$ 8.64	\$ 7.61

The following charts show the ten largest holdings and sector allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
International Business Machines Corp.	5%
Chevron Corp.	4
Exxon Mobil Corp.	4
Johnson & Johnson	3
Caterpillar, Inc.	3
McDonald's Corp.	3
Procter & Gamble Co. (The)	3
Abbott Laboratories	3
AT&T Inc.	3
Coca-Cola Co. (The)	3

Sector Allocations

	10/31/10	10/31/09
Consumer Staples	21%	22%
Industrials	14	14
Health Care	12	16
Energy	11	9
Utilities	9	4
Consumer Discretionary	8	8
Financials	7	12
Information Technology	6	6
Materials	6	3
Telecommunication Services	6	6

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. This definition may not apply for purposes of this report, which may combine sector sub-classifications for reporting ease.

Trust Summary as of October 31, 2010

BlackRock Strategic Dividend Achievers™ Trust

Trust Overview

BlackRock Strategic Dividend Achievers™ Trust s (BDT) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing primarily in common stocks of small to mid-capitalization issuers that pay above average dividends and have the potential for capital appreciation. The Trust invests, under normal market conditions, at least 80% of its assets in common stocks included in the universe of common stocks of issuers which Iindxis (formerly Mergent), a recognized provider of financial information, has determined are Dividend Achievers . Each issuer in the Dividend Achievers universe has been identified as a U.S. publicly traded company that has consistently increased its regular annual dividend payments for at least each of the last ten years. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 27.67% based on market price and 21.94% based on NAV. For the same period, the benchmark Dividend Achievers Index returned 18.27% and the broader market, as measured by the Russell 1000 Index and the Russell 1000 Value Index, returned 17.67% and 15.71%, respectively. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Stock selection in the financials sector drove the Trust s outperformance relative to the benchmark as many of the Trust s holdings in lower-capitalized financial names delivered strong performance toward the end of 2009 and the first half of 2010. A modestly underweight allocation to health care proved beneficial as did positive stock selection within the sector. A strategic overweight in utilities provided additional outperformance. Detracting from performance was stock selection in materials, where the Trust s largest holding within the sector turned out to be the worst performing materials stock. Stock selection in consumer staples also had a negative impact. The Trust s cash position hindered relative performance as markets appreciated over the period. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BDT
Initial Offering Date	March 30, 2004
Yield based on Closing Market Price as of October 31, 2010 (\$9.98) ¹	6.51%
Current Quarterly Distribution per Common Share ²	\$0.1625
Current Annualized Distribution per Common Share ²	\$0.6500

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The table below summarizes the changes in the Trust's market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 9.98	\$ 8.37	19.24%	\$ 10.43	\$ 6.50
Net Asset Value	\$ 11.07	\$ 9.72	13.89%	\$ 11.65	\$ 9.69

The following charts show the ten largest holdings and sector allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Stanley Black & Decker, Inc.	2%
Hormel Foods Corp.	2
NSTAR	2
Cincinnati Financial Corp.	2
Aqua America, Inc.	2
Northeast Utilities	2
Cullen/Frost Bankers, Inc.	2
New Jersey Resources Corp.	2
Roper Industries, Inc.	2
Pentair, Inc.	2

Sector Allocations

	10/31/10	10/31/09
Financials	29%	33%
Utilities	23	13
Industrials	17	20
Consumer Staples	9	9
Consumer Discretionary	9	11
Materials	6	6
Information Technology	3	3
Health Care	2	3
Telecommunication Services	1	1
Energy	1	1

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. This definition may not apply for purposes of this report, which may combine sector sub-classifications for reporting ease.

Trust Summary as of October 31, 2010

BlackRock EcoSolutions Investment Trust

Trust Overview

BlackRock EcoSolutions Investment Trust s (BQR) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities issued by companies that are engaged in one or more of New Energy (e.g., products, technologies and services connected to the efficient use of energy or the provision or manufacture of alternative forms of energy), Water Resources and Agriculture business segments. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 28.08% based on market price and 13.04% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 28.58% based on market price and 28.74% based on NAV. All returns reflect reinvestment of dividends. The Trust moved from a discount to NAV to a premium by period end, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Trust s investments in new energy detracted from performance during the period. Wind power companies were the poorest performers due to a loss of momentum in the progression of supportive legislation. Conversely, the Trust derived positive performance from its agriculture investments. Fertilizer companies were the strongest performers as they benefited from improved farming margins due to a rally in grain prices in the latter part of the period. The Trust s holdings in grain and crop producers also benefited from the strength in grain prices. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BQR
Initial Offering Date	September 28, 2007
Yield based on Closing Market Price as of October 31, 2010 (\$11.69) ¹	10.27%
Current Quarterly Distribution per Common Share ²	\$0.30
Current Annualized Distribution per Common Share ²	\$1.20

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust s market price and net asset value per share:

10/31/10	10/31/09	Change	High	Low
----------	----------	--------	------	-----

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Market Price	\$ 11.69	\$ 10.23	14.27%	\$ 12.02	\$ 9.06
Net Asset Value	\$ 10.65	\$ 10.56	0.85%	\$ 11.67	\$ 9.10

The following charts show the ten largest holdings and industry allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Agrium, Inc.	3%
Syngenta AG	2
Potash Corp. of Saskatchewan, Inc.	2
BrasilAgro - Companhia Brasileira de Propriedades Agricolas	2
Johnson Matthey Plc	2
Mosaic Co. (The)	2
Monsanto Co.	2
Aqua America, Inc.	2
Severn Trent Plc	2
Cia de Saneamento de Minas Gerias-COPASA	2

Industry Allocations

	10/31/10	10/31/09
Chemicals	27%	26%
Water Utilities	23	21
Food Products	14	11
Machinery	8	8
Electrical Equipment	6	9
Electric Utilities	3	3
Real Estate Investment Trusts (REITs)	3	3
Electronic Equipment, Instruments & Components	3	3
Commercial Services & Supplies	2	3
Oil, Gas & Consumable Fuels	2	2
Independent Power Producers & Energy Traders	2	3
Multi-Utilities	2	3
Construction & Engineering	2	2
Other ³	3	3

³ Other includes a 1% holding in each of the following industries; for 10/31/10, Road & Rail, Auto Components and Paper & Forest Products and for 10/31/09, Paper & Forest Products, Road & Rail and Industrial Conglomerates.

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

Trust Summary as of October 31, 2010

BlackRock Energy and Resources Trust

Trust Overview

BlackRock Energy and Resources Trust s (BGR) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its total assets in equity securities of energy and natural resources companies and equity derivatives with exposure to the energy and natural resources industry. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 21.95% based on market price and 15.89% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category returned 28.58% based on market price and 28.74% based on NAV. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Trust s investments in the oil & gas drilling sub-industry detracted from performance for the period. Holdings of Transocean Ltd., Noble Corp. and Diamond Offshore Drilling, Inc. were notable weak performers in this group. Conversely, the Trust s investments in the oil & gas storage & transportation sub-industry contributed positively to returns, as did holdings within coal & consumable fuels, oil & gas exploration & production and oil & gas equipment & services. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BGR
Initial Offering Date	December 29, 2004
Yield based on Closing Market Price as of October 31, 2010 (\$25.36) ¹	6.39%
Current Quarterly Distribution per Common Share ²	\$0.405
Current Annualized Distribution per Common Share ²	\$1.620

- 1 Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- 2 The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust s market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 25.36	\$ 22.18	14.34%	\$ 27.43	\$ 20.50
Net Asset Value	\$ 25.87	\$ 23.81	8.65%	\$ 27.97	\$ 22.65

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The following charts show the ten largest holdings and industry allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Whiting Petroleum Corp.	6%
Petrohawk Energy Corp.	5
Massey Energy Co.	4
EOG Resources, Inc.	4
Occidental Petroleum Corp.	4
Alpha Natural Resources, Inc.	3
Peabody Energy Corp.	3
Petroleo Brasileiro SA - ADR	3
Anadarko Petroleum Corp.	3
Brigham Exploration Co.	3

Industry Allocations

	10/31/10	10/31/09
Oil, Gas & Consumable Fuels	74%	70%
Energy Equipment & Services	17	20
Metals & Mining	4	4
Gas Utilities	2	4
Pipelines	1	
Transportation	1	
Construction & Engineering	1	1
Chemicals		1

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

Trust Summary as of October 31, 2010

BlackRock Global Opportunities Equity Trust

Trust Overview

BlackRock Global Opportunities Equity Trust s (BOE) (the Trust) primary investment objective is to provide current income and current gains, with a secondary investment objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing primarily in equity securities issued by companies located in countries throughout the world and utilizing an option writing (selling) strategy to enhance current gains. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities or options on equity securities or indices or sectors of equity securities. Under normal circumstances, the Trust invests a substantial amount of its total assets in foreign issuers, issuers that primarily trade in a market located outside the United States or issuers that do a substantial amount of business outside the United States. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 17.58% based on market price and 13.76% based on NAV. For the same period, the benchmark MSCI All Country World Index posted a return of 14.10%. All returns reflect reinvestment of dividends. The Trust moved from a discount to NAV to a premium by period end, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Stock selection within consumer staples, information technology (IT) and telecommunication services negatively impacted relative performance, as did an underweight position in telecommunication services. Conversely, positioning across materials, energy and consumer discretionary aided returns. Approximately half of the portfolio was overwritten during the period. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BOE
Initial Offering Date	May 31, 2005
Yield based on Closing Market Price as of October 31, 2010 (\$19.06) ¹	11.94%
Current Quarterly Distribution per Common Share ²	\$0.56875
Current Annualized Distribution per Common Share ²	\$2.27500

- 1 Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- 2 The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust s market price and net asset value per share:

10/31/10	10/31/09	Change	High	Low
----------	----------	--------	------	-----

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Market Price	\$ 19.06	\$ 18.40	3.59%	\$ 20.61	\$ 11.29
Net Asset Value	\$ 18.68	\$ 18.64	0.21%	\$ 19.97	\$ 16.51

The following charts show the ten largest holdings and geographic allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Royal Dutch Shell Plc - ADR	2%
Yara International ASA	1
Apple, Inc.	1
ConocoPhillips	1
Pfizer, Inc.	1
Volkswagen AG, Preference Shares	1
Newmont Mining Corp.	1
ITOCHU Corp.	1
Mosaic Co. (The)	1
PepsiCo, Inc.	1

Geographic Allocations

	10/31/10	10/31/09
United States	44%	46%
United Kingdom	9	7
Germany	7	3
Japan	6	6
Canada	4	4
Hong Kong	3	2
Brazil	3	1
Switzerland	2	5
France	2	5
Spain	2	2
South Korea	2	2
China	2	1
Singapore	2	2
Other ³	14	14

- 3 Other includes a 1% holding in each of the following countries; for 10/31/10, Norway, Mexico, Netherlands, Thailand, Sweden, South Africa, Ireland, Indonesia, Denmark, Finland, Belgium, Taiwan, India and Malaysia and for 10/31/09, Italy, Netherlands, Taiwan, India, Bermuda, South Africa, Russia, Israel, Belgium, Mexico, Sweden, New Zealand, Luxembourg and Finland.

Trust Summary as of October 31, 2010

BlackRock Health Sciences Trust

Trust Overview

BlackRock Health Sciences Trust s (BME) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities of companies engaged in the health sciences and related industries and equity derivatives with exposure to the health sciences industry. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 27.33% based on market price and 13.69% based on NAV. For the same period, the benchmark Russell 3000 Healthcare Index returned 14.69%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Trust s underweight relative to the benchmark and stock selection in pharmaceuticals detracted from performance for the period, as did an overweight in the health care providers & services industry. Holding cash on reserve to cover written put exposures detracted modestly from the Trust s performance as markets generally advanced over the period. Despite underperforming the benchmark during the period, overall stock selection did contribute positively to relative performance. Positioning within the biotechnology, life sciences tools & services, health care services, health care equipment and health care supplies sub-industries all helped contribute to this outcome. Approximately 35% of the portfolio was overwritten during the period. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BME
Initial Offering Date	March 31, 2005
Yield based on Closing Market Price as of October 31, 2010 (\$27.14) ¹	5.67%
Current Quarterly Distribution per Common Share ²	\$0.384375
Current Annualized Distribution per Common Share ²	\$1.537500

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The table below summarizes the changes in the Trust's market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 27.14	\$ 22.61	20.04%	\$ 27.54	\$ 22.29
Net Asset Value	\$ 27.19	\$ 25.37	7.17%	\$ 28.74	\$ 24.80

The following charts show the ten largest holdings and industry allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Pfizer, Inc.	6%
Celgene Corp.	4
UnitedHealth Group, Inc.	4
Johnson & Johnson	4
Fresenius Medical Care AG & Co. KGaA	4
Abbott Laboratories	3
Gilead Sciences, Inc.	3
DaVita, Inc.	3
AmerisourceBergen Corp.	3
WellPoint, Inc.	3

Industry Allocations

	10/31/10	10/31/09
Health Care Providers & Services	27%	14%
Pharmaceuticals	23	28
Health Care Equipment & Supplies	19	28
Biotechnology	16	13
Life Sciences Tools & Services	9	11
Health Care Technology	5	2
Chemicals	1	
Food & Staples Retailing		3
Industrial Conglomerates		1

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

Trust Summary as of October 31, 2010

BlackRock International Growth and Income Trust

Trust Overview

BlackRock International Growth and Income Trust s (BGY) (the Trust) primary investment objective is to provide current income and current gains, with a secondary objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing primarily in equity securities issued by companies of any market capitalization located in countries throughout the world and utilizing an option writing (selling) strategy to enhance current gains. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities issued by non-U.S. companies of any market capitalization located in countries throughout the world. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 12.49% based on market price and 12.06% based on NAV. For the same period, the benchmark MSCI All Country World Index ex-US returned 12.62%. All returns reflect reinvestment of dividends. The Trust began the period with neither a discount nor a premium to NAV, and ended the period with a premium to NAV, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Stock selection in financials detracted from relative performance as did the Trust s positions in consumer staples and materials. The Trust s cash balance also hindered returns as markets advanced during the period. On an absolute basis, positive performance was led by holdings in the materials, industrials and consumer discretionary sectors, which performed well during the period. Relative to the benchmark, the Trust s underweight position in financials and overweighted and stock selection within industrials and consumer discretionary contributed positively to performance. Approximately 60% of the portfolio was overwritten during the period. The option writing strategy had an overall positive impact on performance due to earnings generated over the period. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BGY
Initial Offering Date	May 30, 2007
Yield based on Closing Market Price as of October 31, 2010 (\$10.56) ¹	12.88%
Current Quarterly Distribution per Common Share ²	\$0.34
Current Annualized Distribution per Common Share ²	\$1.36

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

²

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and net asset value per share:

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 10.56	\$ 10.92	(3.30)%	\$ 12.67	\$ 8.48
Net Asset Value	\$ 10.52	\$ 10.92	(3.66)%	\$ 11.67	\$ 9.22

The following charts show the ten largest holdings and geographic allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Royal Dutch Shell Plc - ADR	2%
Yara International ASA	2
HSBC Holdings Plc	1
Nestle SA	1
Imperial Tobacco Group Plc	1
Antofagasta Plc	1
Adaro Energy PT	1
WPP Plc	1
Bumiputra-Commerce Holdings Bhd	1
NSK Ltd.	1

Geographic Allocations

	10/31/10	10/31/09
United Kingdom	20%	17%
Japan	12	12
Canada	10	11
Germany	9	7
Switzerland	7	8
Hong Kong	5	4
Brazil	4	1
Spain	3	2
France	3	9
Taiwan	2	2
China	2	2
South Korea	2	2
Netherlands	2	2
Denmark	2	1

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Singapore	2	3
Sweden	2	1
Mexico	2	1
Italy	1	2
Australia	1	3
Russia		2
Other ³	9	8

3 Other includes a 1% holding in each of the following countries; for 10/31/10, Norway, Indonesia, South Africa, United States, Thailand, Malaysia, Belgium, Ireland and Finland and for 10/31/09, Luxembourg, Norway, Malaysia, United States, Belgium, Israel, Greece and India.

ANNUAL REPORT

OCTOBER 31, 2010

11

Trust Summary as of October 31, 2010

BlackRock Real Asset Equity Trust

Trust Overview

BlackRock Real Asset Equity Trust s (BCF) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities of energy, natural resources and basic materials companies and equity derivatives with exposure to companies in the energy, natural resources and basic materials industries. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objective will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 28.08% based on market price and 24.65% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category returned 28.58% based on market price and 28.74% based on NAV. All returns reflect reinvestment of dividends. The Trust moved from a discount to NAV to a premium by period end, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Trust s investments in the materials sector, particularly in the diversified metals & mining and precious metals & minerals sub-industries, detracted from performance for the period. Conversely, the Trust s investments in energy contributed positively to returns, particularly within the oil & gas exploration & production sub-industry. Holdings in the coal & consumable fuels, oil & gas equipment & services and integrated oil & gas sub-industries also had a positive impact on performance. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE	BCF
Initial Offering Date	September 29, 2006
Yield based on Closing Market Price as of October 31, 2010 (\$13.46) ¹	8.08%
Current Quarterly Distribution per Common Share ²	\$0.2718
Current Annualized Distribution per Common Share ²	\$1.0872

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust s market price and net asset value per share:

10/31/10	10/31/09	Change	High	Low
----------	----------	--------	------	-----

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Market Price	\$ 13.46	\$ 11.45	17.55%	\$ 14.05	\$ 9.92
Net Asset Value	\$ 13.42	\$ 11.73	14.41%	\$ 13.66	\$ 11.10

The following charts show the ten largest holdings and industry allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Rio Tinto Plc	4%
BHP Billiton Plc	4
Vale SA - ADR	4
Xstrata Plc	3
E. I. du Pont de Nemours & Co.	3
Caterpillar, Inc.	3
Praxair, Inc.	2
Industrias Penoles SAB de CV	2
Impala Platinum Holdings Ltd.	2
Vedanta Resources Plc	2

Industry Allocations

	10/31/10	10/31/09
Metals & Mining	45%	43%
Oil, Gas & Consumable Fuels	28	26
Chemicals	11	10
Paper & Forest Products	5	6
Energy Equipment & Services	5	9
Machinery	4	3
Containers & Packaging	1	1
Gas Utilities	1	2

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

Trust Summary as of October 31, 2010

BlackRock S&P Quality Rankings Global Equity Managed Trust

Trust Overview

BlackRock S&P Quality Rankings Global Equity Managed Trust s (BQY) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing primarily in equity securities of issuers that pay above-average dividends and have the potential for capital appreciation. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities included in the S&P Quality Rankings that are ranked at least B+ by S&P at the time of investment. Under normal circumstances, the Trust invests a substantial amount of its total assets in foreign issuers, issuers that primarily trade in a market located outside the United States or issuers that do a substantial amount of business outside the United States. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance current gains.

No assurance can be given that the Trust s investment objectives will be achieved.

Performance

For the 12 months ended October 31, 2010, the Trust returned 24.67% based on market price and 14.08% based on NAV. For the same period, the benchmark MSCI World Value Index returned 9.62%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Trust s underweight allocation to financials combined with strong stock selection within the sector drove the Trust s outperformance relative to the benchmark. Stock selection in the industrials and consumer staples sectors made a significant impact, while selection within materials and utilities was also beneficial. Detracting from performance was stock selection within the consumer discretionary sector. The Trust s cash position hindered relative performance as markets appreciated over the period. An underweight allocation to telecommunication services hurt relative performance, as did stock selection within the energy sector. In addition, earnings generated through the Trust s option writing strategy enhanced performance for the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Trust Information

Symbol on NYSE Amex	BQY
Initial Offering Date	May 28, 2004
Yield based on Closing Market Price as of October 31, 2010 (\$13.44) ¹	7.44%
Current Quarterly Distribution per Common Share ²	\$0.25
Current Annualized Distribution per Common Share ²	\$1.00

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² The distribution is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gains.

The table below summarizes the changes in the Trust s market price and net asset value per share:

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

	10/31/10	10/31/09	Change	High	Low
Market Price	\$ 13.44	\$ 11.54	16.46%	\$ 13.49	\$ 10.39
Net Asset Value	\$ 14.26	\$ 13.38	6.58%	\$ 14.62	\$ 12.32

The following charts show the ten largest holdings and geographic allocations of the Trust's long-term investments:

Ten Largest Holdings

	10/31/10
Exxon Mobil Corp.	3%
AT&T Inc.	3
Emerson Electric Co.	2
Chevron Corp.	2
Royal Bank of Canada	2
International Business Machines Corp.	2
Bank of Montreal	2
HSBC Holdings Plc	2
Altria Group, Inc.	2
Bristol-Myers Squibb Co.	2

Geographic Allocations

	10/31/10	10/31/09
United States	50%	46%
United Kingdom	8	11
Canada	7	6
Australia	5	5
Japan	5	6
France	5	5
Sweden	4	4
Germany	4	3
Hong Kong	2	3
Spain	2	3
Italy	2	2
Singapore	2	1
Other ³	4	5

- 3 Other includes a 1% holding in each of the following countries; for 10/31/10, Belgium, Switzerland, Portugal and Finland and for 10/31/09, Greece, Switzerland, Finland, Netherlands and Portugal.

Derivative Financial Instruments

The Trusts may invest in various derivative instruments, including foreign currency exchange contracts and options, as specified in Note 2 of the Notes to Financial Statements, which may constitute forms of economic leverage. Such instruments are used to obtain exposure to a market without owning or taking physical custody of securities or to hedge market, equity and/or foreign currency exchange rate risks. Such derivative instruments involve risks, including the imperfect correlation between the value of a derivative instrument and the underlying asset, possible default of the counterparty to the transaction or illiquidity of the derivative instrument.

The Trusts' ability to successfully use a derivative instrument depends on the investment advisor's ability to accurately predict pertinent market movements, which cannot be assured. The use of derivative instruments may result in losses greater than if they had not been used, may require a Trust to sell or purchase portfolio investments at inopportune times or for distressed values, may limit the amount of appreciation a Trust can realize on an investment, may result in lower dividends paid to shareholders or may cause a Trust to hold an investment that it might otherwise sell. The Trusts' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Dividend Achievers™ Trust (BDV)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Aerospace & Defense 5.2%		
General Dynamics Corp.	172,800	\$ 11,771,136
Raytheon Co. (a)	128,400	5,916,672
United Technologies Corp. (a)	144,800	10,826,696
		28,514,504
Beverages 6.4%		
Brown-Forman Corp., Class B	119,200	7,248,552
Coca-Cola Co. (The)	243,000	14,900,760
PepsiCo, Inc.	195,075	12,738,398
		34,887,710
Capital Markets 0.6%		
T. Rowe Price Group, Inc. (a)	62,100	3,432,267
Chemicals 3.9%		
Air Products & Chemicals, Inc. (a)	26,800	2,277,196
E.I. du Pont de Nemours & Co.	183,800	8,690,064
PPG Industries, Inc. (a)	60,600	4,648,020
RPM International, Inc.	195,800	4,055,018
Valspar Corp.	54,500	1,749,450
		21,419,748
Commercial Banks 1.8%		
Bank of Hawaii Corp.	56,500	2,440,235
Cullen/Frost Bankers, Inc.	47,100	2,469,924
Toronto-Dominion Bank (The) (a)	35,900	2,591,980
U.S. Bancorp (a)	104,400	2,524,392
		10,026,531
Commercial Services & Supplies 0.5%		
Pitney Bowes, Inc. (a)	131,854	2,892,877
Computers & Peripherals 5.0%		
International Business Machines Corp. (a)	191,800	27,542,480
Diversified Financial Services 1.8%		
JPMorgan Chase & Co. (a)	255,600	9,618,228
Diversified Telecommunication 5.7%		
AT&T Inc. (a)	611,500	17,427,750
CenturyLink, Inc. (a)	328,800	13,605,744
		31,033,494
Electric Utilities 4.9%		

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

NextEra Energy, Inc.	168,800	9,290,752
Northeast Utilities	248,500	7,773,080
PPL Corp. (a)	77,100	2,073,990
Progress Energy, Inc. (a)	165,000	7,425,000

26,562,822

Electrical Equipment 2.2%

Emerson Electric Co. (a)	216,500	11,885,850
--------------------------	---------	------------

Energy Equipment & Services 0.7%

Halliburton Co.	119,200	3,797,712
-----------------	---------	-----------

Food & Staples Retailing 1.7%

Sysco Corp. (a)	93,875	2,765,557
Wal-Mart Stores, Inc.	119,075	6,450,293

9,215,850

Common Stocks

Shares

Value

Food Products 1.4%

General Mills, Inc.	131,000	\$	4,917,740
Kraft Food, Inc. (a)	89,100		2,875,257

7,792,997

Gas Utilities 2.3%

Atmos Energy Corp.	116,200	3,422,090
National Fuel Gas Co. (a)	49,500	2,731,410
Questar Corp. (a)	189,500	3,215,815
UGI Corp. (a)	101,300	3,048,117

12,417,432

Health Care Equipment & Supplies 1.9%

Becton, Dickinson and Co. (a)	40,200	3,035,904
Medtronic, Inc. (a)	213,200	7,506,772

10,542,676

Hotels Restaurants & Leisure 3.3%

McDonald's Corp.	230,200	17,902,654
------------------	---------	------------

Household Products 6.3%

Clorox Co. (a)	89,000	5,922,950
Colgate-Palmolive Co.	61,100	4,712,032
Kimberly-Clark Corp.	104,750	6,634,865
Procter & Gamble Co. (The)	265,475	16,876,246

34,146,093

Industrial Conglomerates 2.6%

3M Co. (a)	132,100	11,125,462
General Electric Co. (a)	186,400	2,986,128

14,111,590

Insurance 2.8%

Chubb Corp.	109,100	6,329,982
-------------	---------	-----------

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Travelers Cos., Inc. (The)	161,300	8,903,760
		15,233,742
IT Services 0.7%		
Automatic Data Processing, Inc. (a)	54,800	2,434,216
Paychex, Inc. (a)	50,900	1,409,930
		3,844,146
Machinery 3.7%		
Caterpillar, Inc. (a)	235,900	18,541,740
Pentair, Inc. (a)	42,600	1,394,298
		19,936,038
Media 0.3%		
McGraw-Hill Cos., Inc. (The) (a)	40,600	1,528,590
Metals & Mining 1.9%		
BHP Billiton Ltd. - ADR (a)	89,700	7,408,323
Nucor Corp. (a)	73,500	2,809,170
		10,217,493
Multi-Utilities 0.9%		
NSTAR	73,800	3,078,198
Vectren Corp.	66,900	1,831,722
		4,909,920

Portfolio Abbreviations

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

ADR	American Depositary Receipt
AUD	Australian Dollar
BRL	Brazil Real
CAD	Canadian Dollar
CHF	Swiss Franc
CLP	Chilean Peso
DKK	Danish Krone
EUR	Euro
GBP	British Pound
IDR	Indonesian Rupiah
HKD	Hong Kong Dollar
ILS	Israeli Shekel
JPY	Japanese Yen
KRW	South Korean Won
MXN	Mexican Peso
MYR	Malaysian Ringgit
NOK	Norwegian Krone
PEN	Peruvian Nuevo Sol
PHP	Philippine Peso
SEK	Swedish Krona
SGD	Singapore Dollar
TWD	Taiwan Dollar
USD	US Dollar
ZAR	South African Rand

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

See Notes to Financial Statements.

ANNUAL REPORT

OCTOBER 31, 2010

15

Schedule of Investments (continued)

BlackRock Dividend Achievers™ Trust (BDV)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Multiline Retail 1.4%		
Family Dollar Stores, Inc. (a)	28,600	\$ 1,320,462
Target Corp. (a)	119,650	6,214,621
		7,535,083
Oil, Gas & Consumable Fuels 10.5%		
Chevron Corp. (a)	248,150	20,499,671
Exxon Mobil Corp. (a)	280,100	18,618,247
Marathon Oil Corp. (a)	140,600	5,001,142
Murphy Oil Corp.	198,300	12,921,228
		57,040,288
Personal Products 0.7%		
Avon Products, Inc. (a)	124,300	3,784,935
Pharmaceuticals 9.3%		
Abbott Laboratories	335,400	17,212,728
Eli Lilly & Co.	147,900	5,206,080
Johnson & Johnson (a)	290,500	18,496,135
Merck & Co., Inc.	157,100	5,699,588
Pfizer, Inc. (a)	237,500	4,132,500
		50,747,031
Semiconductors & Semiconductor Equipment 0.5%		
Linear Technology Corp. (a)	86,200	2,778,226
Specialty Retail 2.1%		
Lowe's Cos., Inc.	272,100	5,803,893
Sherwin-Williams Co. (The) (a)	20,800	1,517,776
TJX Cos., Inc.	89,800	4,120,922
		11,442,591
Textiles, Apparel & Luxury Goods 1.0%		
VF Corp. (a)	66,700	5,552,108
Tobacco 3.7%		
Altria Group, Inc.	594,000	15,099,480
Philip Morris International, Inc. (a)	48,900	2,860,650
Universal Corp.	60,800	2,519,552
		20,479,682
Water Utilities 0.9%		
Aqua America, Inc.	150,800	3,246,724
California Water Service Group	41,800	1,560,812

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

	4,807,536
Total Long-Term Investments (Cost \$505,914,239) 98.6%	537,580,924
<hr/>	
Short-Term Securities	
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (b)(c)	6,437,531 6,437,531
Total Short-Term Securities (Cost \$6,437,531) 1.2%	6,437,531
Total Investments Before Outstanding Options Written (Cost \$512,351,770*) 99.8%	544,018,455
<hr/>	

Options Written

Contracts

Exchange-Traded Call Options Written (0.3)%

3M Co., Strike Price USD 90, Expires 11/22/10	260	(6,630)
Air Products & Chemicals, Inc., Strike Price USD 85, Expires 12/20/10	54	(15,255)
AT&T Inc., Strike Price USD 29, Expires 11/22/10	535	(11,770)
Automatic Data Processing, Inc., Strike Price USD 43, Expires 11/22/10	110	(18,975)
Avon Products, Inc., Strike Price USD 34, Expires 11/22/10	248	(11,160)
Becton, Dickinson and Co., Strike Price USD 75, Expires 11/22/10	80	(14,400)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

BHP Billiton Ltd. - ADR, Strike Price USD 85, Expires 12/20/10	180	\$ (49,770)
Caterpillar, Inc., Strike Price USD 80, Expires 12/20/10	225	(58,500)
CenturyLink, Inc., Strike Price USD 41, Expires 12/20/10	660	(64,350)
Chevron Corp., Strike Price USD 85, Expires 12/20/10	500	(57,250)
Clorox Co., Strike Price USD 67.05, Expires 12/09/10	180	(14,663)
Emerson Electric Co., Strike Price USD 52.50, Expires 12/20/10	400	(114,194)
Exxon Mobil Corp., Strike Price USD 62.50, Expires 11/22/10	280	(113,400)
Family Dollar Stores, Inc., Strike Price USD 46, Expires 11/22/10	57	(5,985)
General Electric Co., Strike Price USD 16.45, Expires 11/29/10	80	(1,825)
International Business Machines Corp., Strike Price USD 135, Expires 11/22/10	180	(157,050)
Johnson & Johnson, Strike Price USD 60, Expires 11/05/10	580	(216,920)
JPMorgan Chase & Co., Strike Price USD 38, Expires 12/20/10	255	(36,338)
JPMorgan Chase & Co., Strike Price USD 39, Expires 12/20/10	255	(25,245)
Kraft Foods, Inc., Strike Price USD 32.50, Expires 12/08/10	180	(11,880)
Linear Technology Corp., Strike Price USD 32, Expires 11/22/10	190	(15,200)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Marathon Oil Corp., Strike Price USD 36, Expires 11/22/10	280	(18,900)
McGraw-Hill Cos., Inc. (The), Strike Price USD 36, Expires 12/20/10	80	(18,600)
McGraw-Hill Cos., Inc. (The), Strike Price USD 37.50, Expires 11/22/10	44	(4,290)
Medtronic, Inc., Strike Price USD 34, Expires 11/22/10	425	(69,700)
National Fuel Gas Co., Strike Price USD 55, Expires 12/20/10	100	(23,000)
Nucor Corp., Strike Price USD 39, Expires 11/22/10	145	(10,512)
Paychex, Inc., Strike Price USD 27.50, Expires 12/20/10	100	(9,000)
Pentair, Inc., Strike Price USD 33, Expires 11/22/10	85	(4,865)
Pfizer, Inc., Strike Price USD 18, Expires 12/20/10	240	(6,240)
Philip Morris International, Inc., Strike Price USD 60, Expires 12/20/10	98	(8,330)
Pitney Bowes, Inc., Strike Price USD 22, Expires 11/22/10	260	(11,700)
PPG Industries, Inc., Strike Price USD 75, Expires 11/22/10	120	(29,100)
PPL Corp., Strike Price USD 27, Expires 12/20/10	95	(5,462)
Progress Energy, Inc., Strike Price USD 45, Expires 1/24/11	330	(35,475)
Questar Corp., Strike Price USD 18, Expires 11/22/10	380	(3,800)
Raytheon Co., Strike Price USD 46, Expires 11/22/10	130	(12,480)
Raytheon Co., Strike Price USD 47.50, Expires 11/29/10	125	(5,741)
Sherwin-Williams Co. (The), Strike Price USD 75, Expires 12/20/10	42	(5,670)
Sysco Corp., Strike Price USD 30, Expires 12/20/10	190	(10,450)
T. Rowe Price Group, Inc., Strike Price USD 55, Expires 12/20/10	124	(29,450)
Target Corp., Strike Price USD 52.50, Expires 11/22/10	143	(12,941)
Toronto-Dominion Bank (The), Strike Price USD 75, Expires 12/20/10	72	(7,020)
U.S. Bancorp, Strike Price USD 25, Expires 12/20/10	210	(11,655)
UGI Corp., Strike Price USD 30, Expires 12/20/10	202	(16,665)
United Technologies Corp., Strike Price USD 72.50, Expires 11/22/10	290	(80,330)
VF Corp., Strike Price USD 80, Expires 11/22/10	135	(55,350)

Total Exchange-Traded Call Options Written (1,527,486)

Over-the-Counter Call Options Written (0.2)%

Altria Group, Inc., Strike Price USD 25.47, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	119,000	(32,011)
Aqua America, Inc., Strike Price USD 20.75, Expires 11/30/10, Broker JPMorgan Chase Securities	10,000	(13,627)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/02/10, Broker JPMorgan Chase Securities	10,000	(13,886)
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock Dividend Achievers™ Trust (BDV)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Aqua America, Inc., Strike Price USD 20.75, Expires 12/06/10, Broker JPMorgan Chase Securities	10,000	\$ (14,383)
AT&T Inc., Strike Price USD 28.85, Expires 11/02/10, Broker UBS Securities LLC	69,000	(3,149)
Atmos Energy Corp., Strike Price USD 29.39, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	11,400	(4,970)
Atmos Energy Corp., Strike Price USD 29.64, Expires 11/09/10, Broker UBS Securities LLC	11,800	(3,804)
Bank of Hawaii Corp., Strike Price USD 46.74, Expires 12/03/10, Broker Citigroup Global Markets, Inc.	11,500	(3,201)
Brown-Forman Corp., Strike Price USD 63.71, Expires 12/06/10, Broker Citigroup Global Markets, Inc.	23,800	(8,894)
California Water Service Group, Strike Price USD 36.90, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	2,800	(2,450)
California Water Service Group, Strike Price USD 37.27, Expires 11/09/10, Broker UBS Securities LLC	5,600	(3,770)
Caterpillar, Inc., Strike Price USD 81.71, Expires 12/03/10, Broker UBS Securities LLC	24,500	(33,741)
Chubb Corp., Strike Price USD 58.17, Expires 12/02/10, Broker Deutsche Bank Securities Corp.	10,000	(10,970)
Coca-Cola Co. (The), Strike Price USD 61.41, Expires 12/10/10, Broker Credit Suisse First Boston	48,500	(50,824)
Cullen/Frost Bankers, Inc., Strike Price USD 52.66, Expires 12/09/10, Broker Morgan Stanley & Co., Inc.	9,500	(9,054)
E.I. du Pont de Nemours & Co., Strike Price USD 45.27, Expires 12/06/10, Broker UBS Securities LLC	37,000	(97,970)
Exxon Mobil Corp., Strike Price USD 61.20, Expires 11/08/10, Broker UBS Securities LLC	28,000	(148,120)
General Dynamics Corp., Strike Price USD 68.21, Expires 11/29/10, Broker UBS Securities LLC	34,500	(49,335)
General Electric Co., Strike Price USD 16.50, Expires 1/05/11, Broker Deutsche Bank Securities Corp.	29,000	(11,890)
General Mills, Inc., Strike Price USD 36.60, Expires 11/15/10, Broker JPMorgan Chase Securities	26,000	(28,327)
Kimberly-Clark Corp., Strike Price USD 62.99, Expires 12/03/10, Broker Morgan Stanley & Co., Inc.	21,000	(23,490)
Lowe's Cos., Inc., Strike Price USD 21.48, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	54,500	(31,828)
McDonald's Corp., Strike Price USD 75.01, Expires 12/06/10, Broker Morgan Stanley & Co., Inc.	24,000	(73,984)
McDonald's Corp., Strike Price USD 77.94, Expires 12/13/10, Broker Credit Suisse First Boston	22,000	(28,574)
Merck & Co., Inc., Strike Price USD 37.50, Expires 11/30/10, Broker UBS Securities LLC	31,000	(13,149)
Murphy Oil Corp., Strike Price USD 66.29, Expires 12/08/10, Broker Morgan Stanley & Co., Inc.	39,500	(72,206)
NextEra Energy, Inc., Strike Price USD 55.50, Expires 11/15/10, Broker Citigroup Global Markets, Inc.	24,000	(11,243)
Nextera Energy, Inc., Strike Price USD 57.01, Expires 11/08/10, Broker UBS Securities LLC	9,800	(483)
Northeast Utilities, Strike Price USD 30.06, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	25,000	(30,500)
Northeast Utilities, Strike Price USD 31.22, Expires 12/09/10, Broker UBS Securities LLC	24,500	(15,940)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

NSTAR, Strike Price USD 39.82, Expires 11/12/10, Broker UBS Securities LLC	14,800	(27,995)
Pfizer, Inc., Strike Price USD 16.30, Expires 11/08/10, Broker JPMorgan Chase Securities	23,900	(26,615)
Procter & Gamble Co. (The), Strike Price USD 60.30, Expires 11/30/10, Broker UBS Securities LLC	38,000	(125,766)
Procter & Gamble Co. (The), Strike Price USD 61.70, Expires 11/30/10, Broker UBS Securities LLC	15,000	(31,200)
RPM International, Inc., Strike Price USD 21.07, Expires 12/03/10, Broker Credit Suisse First Boston	39,000	(17,419)
TJX Cos., Inc., Strike Price USD 46.40, Expires 12/13/10, Broker Citigroup Global Markets, Inc.	18,000	(22,410)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Travelers Cos., Inc. (The), Strike Price USD 53.16, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	32,300	\$ (66,021)
Universal Corp., Strike Price USD 42.29, Expires 11/30/10, Broker UBS Securities LLC	12,100	(13,189)
Valspar Corp., Strike Price USD 32.35, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	11,000	(7,821)
Vectren Corp., Strike Price USD 26.48, Expires 12/06/10, Broker UBS Securities LLC	6,000	(7,033)
Vectren Corp., Strike Price USD 27.48, Expires 12/13/10, Broker Morgan Stanley & Co., Inc.	7,400	(2,553)
Wal-Mart Stores, Inc., Strike Price USD 54.07, Expires 11/02/10, Broker UBS Securities LLC	24,000	(9,136)
Total Over-the-Counter Call Options Written		(1,202,931)
Total Options Written (Premiums Received \$2,081,824) (0.5)%		(2,730,417)
Total Investments Net of Outstanding Options Written 99.3%		541,288,038
Other Assets Less Liabilities 0.7%		3,840,671
Net Assets 100.0%		\$ 545,128,709

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 522,878,564
Gross unrealized appreciation	\$ 40,044,307
Gross unrealized depreciation	(18,904,416)
Net unrealized appreciation	\$ 21,139,891

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (b) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Affiliate	Shares Held at October 31, 2009	Net Activity	Shares Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	7,282,466	(844,935)	6,437,531	\$ 12,853

(c) Represents current yield as of report date.

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

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 Trust's own assumptions used in determining the fair value of investments and derivatives)

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Dividend Achievers™ Trust (BDV)

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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks ¹	\$ 537,580,924			\$ 537,580,924
Short-Term Securities	6,437,531			6,437,531
Total	\$ 544,018,455			\$ 544,018,455

¹ See above Schedule of Investments for values in each industry.

Derivative Financial Instruments²

Valuation Inputs	Level 1	Level 2	Level 3	Total
Liabilities:				
Equity Contracts	\$ (1,157,398)	\$ (1,573,019)		\$ (2,730,417)

² Derivative financial instruments are options which are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Enhanced Dividend Achievers™ Trust (BDJ)
 (Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Aerospace & Defense 4.9%		
General Dynamics Corp.	184,800	\$ 12,588,576
Raytheon Co. (a)	102,000	4,700,160
United Technologies Corp. (a)	153,400	11,469,718
		28,758,454
Beverages 6.4%		
Brown-Forman Corp., Class B	132,200	8,039,082
Coca-Cola Co. (The)	259,400	15,906,408
PepsiCo, Inc.	216,600	14,143,980
		38,089,470
Capital Markets 0.6%		
T. Rowe Price Group, Inc. (a)	66,900	3,697,563
Chemicals 3.8%		
Air Products & Chemicals, Inc. (a)	28,800	2,447,136
E.I. du Pont de Nemours & Co.	191,300	9,044,664
PPG Industries, Inc. (a)	63,650	4,881,955
RPM International, Inc. (a)	206,500	4,276,615
Valspar Corp.	59,600	1,913,160
		22,563,530
Commercial Banks 1.8%		
Bank of Hawaii Corp.	61,400	2,651,866
Cullen/Frost Bankers, Inc.	51,800	2,716,392
Toronto-Dominion Bank (The) (a)	40,000	2,888,000
U.S. Bancorp (a)	104,700	2,531,646
		10,787,904
Commercial Services & Supplies 0.5%		
Pitney Bowes, Inc. (a)	138,646	3,041,893
Computers & Peripherals 4.7%		
International Business Machines Corp.	192,800	27,686,080
Diversified Financial Services 1.8%		
JPMorgan Chase & Co. (a)	281,600	10,596,608
Diversified Telecommunication 5.6%		
AT&T Inc. (a)	650,700	18,544,950
CenturyLink, Inc. (a)	353,800	14,640,244
		33,185,194
Electric Utilities 4.8%		

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

NextEra Energy, Inc.	181,400	9,984,256
Northeast Utilities	263,900	8,254,792
PPL Corp. (a)	85,200	2,291,880
Progress Energy, Inc. (a)	179,000	8,055,000

28,585,928

Electrical Equipment 2.2%

Emerson Electric Co.	232,300	12,753,270
----------------------	---------	------------

Energy Equipment & Services 0.7%

Halliburton Co.	124,100	3,953,826
-----------------	---------	-----------

Food & Staples Retailing 1.8%

Sysco Corp. (a)	101,500	2,990,190
Wal-Mart Stores, Inc. (a)	143,300	7,762,561

10,752,751

Food Products 1.4%

General Mills, Inc.	140,900	5,289,386
Kraft Food, Inc. (a)	97,000	3,130,190

8,419,576

Gas Utilities 2.2%

Atmos Energy Corp.	125,900	3,707,755
National Fuel Gas Co. (a)	52,500	2,896,950
Questar Corp. (a)	199,900	3,392,303
UGI Corp. (a)	109,000	3,279,810

13,276,818

Common Stocks

Shares

Value

Health Care Equipment & Supplies 1.9%

Becton, Dickinson and Co. (a)	43,600	\$ 3,292,672
Medtronic, Inc. (a)	226,600	7,978,586

11,271,258

Hotels Restaurants & Leisure 3.2%

McDonald's Corp.	243,600	18,944,772
------------------	---------	------------

Household Products 6.4%

Clorox Co. (a)	97,100	6,462,005
Colgate-Palmolive Co.	68,600	5,290,432
Kimberly-Clark Corp.	114,300	7,239,762
Procter & Gamble Co. (The)	296,100	18,823,077

37,815,276

Industrial Conglomerates 2.6%

3M Co.	141,200	11,891,864
General Electric Co. (a)	203,700	3,263,274

15,155,138

Insurance 2.8%

Chubb Corp.	118,100	6,852,162
-------------	---------	-----------

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Travelers Cos., Inc. (The)	176,600	9,748,320	
			16,600,482
IT Services 0.7%			
Automatic Data Processing, Inc. (a)	60,060	2,667,865	
Paychex, Inc.	57,500	1,592,750	
			4,260,615
Machinery 3.6%			
Caterpillar, Inc. (a)	251,800	19,791,480	
Pentair, Inc. (a)	47,100	1,541,583	
			21,333,063
Media 0.3%			
McGraw-Hill Cos., Inc. (The) (a)	43,400	1,634,010	
Metals & Mining 1.9%			
BHP Billiton Ltd. - ADR (a)	95,900	7,920,381	
Nucor Corp. (a)	82,100	3,137,862	
			11,058,243
Multi-Utilities 0.9%			
NSTAR	80,000	3,336,800	
Vectren Corp.	70,700	1,935,766	
			5,272,566
Multiline Retail 1.3%			
Family Dollar Stores, Inc. (a)	27,700	1,278,909	
Target Corp. (a)	129,200	6,710,648	
			7,989,557
Oil, Gas & Consumable Fuels 10.2%			
Chevron Corp. (a)	257,700	21,288,597	
Exxon Mobil Corp. (a)	306,300	20,359,761	
Marathon Oil Corp.	149,600	5,321,272	
Murphy Oil Corp.	207,400	13,514,184	
			60,483,814
Personal Products 0.7%			
Avon Products, Inc.	134,600	4,098,570	
Pharmaceuticals 9.4%			
Abbott Laboratories	365,100	18,736,932	
Eli Lilly & Co.	176,200	6,202,240	
Johnson & Johnson (a)	314,400	20,017,848	
Merck & Co., Inc.	170,400	6,182,112	
Pfizer, Inc. (a)	252,100	4,386,540	
			55,525,672
Semiconductors & Semiconductor Equipment 0.5%			
Linear Technology Corp. (a)	92,700	2,987,721	

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Enhanced Dividend Achievers™ Trust (BDJ)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Specialty Retail 2.1%		
Lowe's Cos., Inc.	295,900	\$ 6,311,547
Sherwin-Williams Co. (The) (a)	22,000	1,605,340
TJX Cos., Inc.	96,500	4,428,385
		12,345,272
Textiles, Apparel & Luxury Goods 1.0%		
VF Corp. (a)	72,800	6,059,872
Tobacco 3.6%		
Altria Group, Inc.	614,200	15,612,964
Philip Morris International, Inc. (a)	53,500	3,129,750
Universal Corp.	67,000	2,776,480
		21,519,194
Water Utilities 0.9%		
Aqua America, Inc.	158,200	3,406,046
California Water Service Group	45,900	1,713,906
		5,119,952
Total Long-Term Investments (Cost \$565,769,803) 97.2%		575,623,912

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (b)(c)	10,960,825	10,960,825
Total Short-Term Securities (Cost \$10,960,825) 1.8%		10,960,825
Total Investments Before Outstanding Options Written (Cost \$576,730,628*) 99.0%		586,584,737

Options Written**Contracts**

Exchange-Traded Call Options Written (0.4%)		
Air Products & Chemicals, Inc., Strike Price USD 85, Expires 12/20/10	158	(44,635)
AT&T Inc., Strike Price USD 29, Expires 12/20/10	600	(26,700)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Automatic Data Processing, Inc., Strike Price USD 43, Expires 11/22/10	330	(56,925)
Becton, Dickinson and Co., Strike Price USD 75, Expires 11/22/10	240	(43,200)
BHP Billiton Ltd. - ADR, Strike Price USD 85, Expires 12/20/10	528	(145,992)
Caterpillar, Inc., Strike Price USD 80, Expires 12/20/10	690	(179,400)
CenturyLink, Inc., Strike Price USD 41, Expires 12/20/10	1,945	(189,638)
Chevron Corp., Strike Price USD 85, Expires 12/20/10	1,420	(162,590)
Clorox Co., Strike Price USD 67.05, Expires 12/09/10	535	(43,582)
Exxon Mobil Corp., Strike Price USD 67.50, Expires 12/20/10	840	(81,060)
Family Dollar Stores, Inc., Strike Price USD 46, Expires 11/22/10	152	(15,960)
General Electric Co., Strike Price USD 16.45, Expires 11/29/10	275	(6,273)
JPMorgan Chase & Co., Strike Price USD 38, Expires 12/20/10	775	(110,438)
JPMorgan Chase & Co., Strike Price USD 39, Expires 12/20/10	775	(76,725)
Kraft Foods, Inc., Strike Price USD 32.50, Expires 12/08/10	535	(35,310)
Linear Technology Corp., Strike Price USD 32, Expires 11/22/10	510	(40,800)
McGraw-Hill Cos., Inc. (The), Strike Price USD 36, Expires 12/20/10	238	(55,335)
Medtronic, Inc., Strike Price USD 37, Expires 12/20/10	1,240	(81,220)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

National Fuel Gas Co., Strike Price USD 55, Expires 12/20/10	290	\$ (66,700)
Nucor Corp., Strike Price USD 39, Expires 11/22/10	450	(32,625)
Pentair, Inc., Strike Price USD 33, Expires 11/22/10	260	(14,881)
Pfizer, Inc., Strike Price USD 18, Expires 12/20/10	690	(17,940)
Philip Morris International, Inc., Strike Price USD 60, Expires 12/20/10	295	(25,075)
Pitney Bowes, Inc., Strike Price USD 22, Expires 11/22/10	760	(34,200)
PPG Industries, Inc., Strike Price USD 75, Expires 11/22/10	350	(84,875)
PPL Corp., Strike Price USD 27, Expires 12/20/10	287	(16,502)
Progress Energy, Inc., Strike Price USD 45, Expires 1/24/11	980	(105,350)
Questar Corp., Strike Price USD 18, Expires 11/22/10	1,100	(11,000)
Raytheon Co., Strike Price USD 47, Expires 12/20/10	385	(37,922)
RPM International, Inc., Strike Price USD 20, Expires 11/22/10	440	(45,100)
Sherwin-Williams Co. (The), Strike Price USD 75, Expires 12/20/10	120	(16,200)
Sysco Corp., Strike Price USD 30, Expires 12/20/10	560	(30,800)
T. Rowe Price Group, Inc., Strike Price USD 55, Expires 12/20/10	366	(86,925)
Target Corp., Strike Price USD 52.50, Expires 11/22/10	426	(38,553)
Toronto-Dominion Bank (The), Strike Price USD 75, Expires 12/20/10	220	(21,450)
U.S. Bancorp, Strike Price USD 25, Expires 12/20/10	575	(31,912)
UGI Corp., Strike Price USD 30, Expires 12/20/10	600	(49,500)
United Technologies Corp., Strike Price USD 72.50, Expires 11/22/10	98	(27,146)
VF Corp., Strike Price USD 80, Expires 11/22/10	400	(164,000)
Wal-Mart Stores, Inc., Strike Price USD 54.45, Expires 12/03/10	790	(51,350)

Total Exchange-Traded Call Options Written

(2,405,789)

Over-the-Counter Call Options Written (0.7)%

3M Co., Strike Price USD 89.99, Expires 12/15/10, Broker JPMorgan Chase Securities	30,000	(23,693)
Altria Group, Inc., Strike Price USD 25.47, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	337,500	(90,788)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Aqua America, Inc., Strike Price USD 20.75, Expires 11/30/10, Broker JPMorgan Chase Securities	29,000	(39,518)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/02/10, Broker JPMorgan Chase Securities	29,000	(40,269)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/06/10, Broker JPMorgan Chase Securities	29,000	(41,711)
Atmos Energy Corp., Strike Price USD 29.39, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	35,000	(15,260)
Atmos Energy Corp., Strike Price USD 29.64, Expires 11/09/10, Broker UBS Securities LLC	34,300	(11,057)
Bank of Hawaii Corp., Strike Price USD 43.51, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	33,800	(28,392)
Brown-Forman Corp., Strike Price USD 63.71, Expires 12/06/10, Broker Citigroup Global Markets, Inc.	72,700	(27,167)
California Water Service Group, Strike Price USD 36.90, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	8,300	(7,262)
California Water Service Group, Strike Price USD 37.27, Expires 11/09/10, Broker UBS Securities LLC	17,000	(11,445)
Caterpillar, Inc., Strike Price USD 81.71, Expires 12/03/10, Broker UBS Securities LLC	69,500	(95,713)
Chubb Corp., Strike Price USD 58.17, Expires 12/02/10, Broker Deutsche Bank Securities Corp.	31,000	(34,008)
Coca-Cola Co. (The), Strike Price USD 61.41, Expires 12/10/10, Broker Credit Suisse First Boston	142,500	(149,327)
Cullen/Frost Bankers, Inc., Strike Price USD 52.66, Expires 12/09/10, Broker Morgan Stanley & Co., Inc.	28,500	(27,161)
E.I. du Pont de Nemours & Co., Strike Price USD 45.27, Expires 12/06/10, Broker UBS Securities LLC	105,000	(278,023)
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock Enhanced Dividend Achievers™ Trust (BDJ)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Emerson Electric Co., Strike Price USD 52.70, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	128,000	\$ (305,632)
Exxon Mobil Corp., Strike Price USD 61.20, Expires 11/08/10, Broker UBS Securities LLC	85,000	(449,650)
General Dynamics Corp., Strike Price USD 68.21, Expires 11/29/10, Broker UBS Securities LLC	101,500	(145,145)
General Electric Co., Strike Price USD 16.50, Expires 1/05/11, Broker Deutsche Bank Securities Corp.	84,000	(34,440)
General Mills, Inc., Strike Price USD 36.60, Expires 11/15/10, Broker JPMorgan Chase Securities	77,500	(84,436)
International Business Machines Corp., Strike Price USD 141, Expires 12/09/10, Broker UBS Securities LLC	50,000	(227,926)
International Business Machines Corp., Strike Price USD 144.02, Expires 1/05/11, Broker UBS Securities LLC	56,000	(187,600)
Johnson & Johnson, Strike Price USD 64.20, Expires 11/29/10, Broker Credit Suisse First Boston	173,000	(103,189)
Kimberly-Clark Corp., Strike Price USD 62.99, Expires 12/03/10, Broker Morgan Stanley & Co., Inc.	63,000	(70,471)
Lowe's Cos., Inc., Strike Price USD 21.48, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	163,000	(95,192)
Marathon Oil Corp., Strike Price USD 35.52, Expires 12/09/10, Broker Credit Suisse First Boston	82,000	(95,565)
McDonald's Corp., Strike Price USD 75.01, Expires 12/06/10, Broker Morgan Stanley & Co., Inc.	68,000	(209,620)
McDonald's Corp., Strike Price USD 77.94, Expires 12/13/10, Broker Credit Suisse First Boston	66,000	(85,722)
Merck & Co., Inc., Strike Price USD 37.50, Expires 11/30/10, Broker UBS Securities LLC	94,000	(39,871)
Murphy Oil Corp., Strike Price USD 66.29, Expires 12/08/10, Broker Morgan Stanley & Co., Inc.	114,000	(208,392)
NextEra Energy, Inc., Strike Price USD 55.50, Expires 11/15/10, Broker Citigroup Global Markets, Inc.	99,800	(46,752)
Northeast Utilities, Strike Price USD 31.22, Expires 12/09/10, Broker UBS Securities LLC	72,500	(47,169)
Northeast Utilities, Strike Price USD 31.43, Expires 12/09/10, Broker UBS Securities LLC	72,500	(33,350)
NSTAR, Strike Price USD 39.82, Expires 11/12/10, Broker UBS Securities LLC	44,000	(83,229)
Paychex, Inc., Strike Price USD 26.64, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	31,600	(33,614)
Pfizer, Inc., Strike Price USD 17.40, Expires 11/24/10, Broker Citigroup Global Markets, Inc.	70,000	(28,140)
Procter & Gamble Co. (The), Strike Price USD 60.30, Expires 11/30/10, Broker UBS Securities LLC	67,000	(221,746)
Procter & Gamble Co. (The), Strike Price USD 61.70, Expires 11/30/10, Broker UBS Securities LLC	96,000	(199,680)
RPM International, Inc., Strike Price USD 20.68, Expires 12/03/10, Broker UBS Securities LLC	51,000	(31,915)
RPM International, Inc., Strike Price USD 21.07, Expires 12/03/10, Broker Credit Suisse First Boston	18,500	(8,263)
TJX Cos., Inc., Strike Price USD 46.40, Expires 12/13/10, Broker Citigroup Global Markets, Inc.	53,000	(65,985)
Travelers Cos., Inc. (The), Strike Price USD 53.16, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	97,000	(198,268)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

United Technologies Corp., Strike Price USD 74.44, Expires 12/15/10, Broker Credit Suisse First Boston	12,000	(25,715)
United Technologies Corp., Strike Price USD 74.89, Expires 12/15/10, Broker Citigroup Global Markets, Inc.	62,600	(110,804)
Universal Corp., Strike Price USD 42.29, Expires 11/30/10, Broker UBS Securities LLC	37,000	(40,330)
Valspar Corp., Strike Price USD 32.35, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	33,000	(23,463)
Vectren Corp., Strike Price USD 26.48, Expires 12/06/10, Broker UBS Securities LLC	19,200	(22,506)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Vectren Corp., Strike Price USD 27.48, Expires 12/13/10, Broker Morgan Stanley & Co., Inc.	19,700	\$ (6,797)
Total Over-the-Counter Call Options Written		(4,491,371)
Total Options Written (Premiums Received \$5,867,239) (1.1)%		(6,897,160)
Total Investments Net of Outstanding Options Written 97.9%		579,687,577
Other Assets Less Liabilities 2.1%		12,639,982
Net Assets 100.0%		\$ 592,327,559

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 605,761,306
Gross unrealized appreciation	\$ 14,655,217
Gross unrealized depreciation	(33,831,786)
Net unrealized depreciation	\$ (19,176,569)

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
(b) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, Temp Fund, Institutional Class	16,074,127	(5,113,302)	10,960,825	\$ 32,136
BlackRock Liquidity Series, LLC Money Market Series	1,991,000	(1,991,000)		\$ 29,881

(c) Represents current yield as of report date.

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

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Enhanced Dividend Achievers™ Trust (BDJ)

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks ¹	\$ 575,623,912		\$ 575,623,912	
Short-Term Securities	10,960,825		10,960,825	
Total	\$ 586,584,737		\$ 586,584,737	

¹ See above Schedule of Investments for values in each industry.

Derivative Financial Instruments²

Valuation Inputs	Level 1	Level 2	Level 3	Total
Liabilities:				
Equity contracts	\$ (2,254,393)	\$ (4,642,767)		\$ (6,897,160)

² Derivative financial instruments are options which are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Strategic Dividend Achievers™ Trust (BDT)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Building Products 0.9%		
Masco Corp.	249,200	\$ 2,656,472
Capital Markets 2.5%		
Eaton Vance Corp. (a)	168,100	4,836,237
Federated Investors, Inc.	109,146	2,718,827
		7,555,064
Chemicals 1.7%		
RPM International, Inc.	154,400	3,197,624
Stepan Co.	25,350	1,709,604
		4,907,228
Commercial Banks 8.8%		
BancFirst Corp.	28,799	1,183,639
BancorpSouth, Inc.	122,154	1,611,211
Bank of Hawaii Corp.	100,300	4,331,957
Bank of the Ozarks, Inc. (a)	46,159	1,754,503
Chemical Financial Corp.	56,145	1,138,620
Community Bank System, Inc.	69,100	1,614,867
Community Trust Bancorp, Inc.	41,415	1,131,044
Cullen/Frost Bankers, Inc. (a)	97,038	5,088,673
Iberiabank Corp.	24,585	1,279,649
S&T Bancorp, Inc. (a)	32,300	633,080
Trustmark Corp. (a)	61,208	1,352,085
United Bankshares, Inc. (a)	91,775	2,452,228
Valley National Bancorp	130,355	1,738,936
WesBanco, Inc.	60,700	1,008,227
		26,318,719
Commercial Services & Supplies 4.7%		
ABM Industries, Inc.	137,430	3,099,047
Avery Dennison Corp.	78,141	2,840,425
McGrath RentCorp	54,761	1,386,001
Mine Safety Appliances Co.	70,800	1,993,728
Pitney Bowes, Inc. (a)	214,275	4,701,193
		14,020,394
Computers & Peripherals 0.9%		
Diebold, Inc. (a)	88,830	2,722,640
Construction Materials 2.2%		
Martin Marietta Materials, Inc.	43,900	3,533,072
Vulcan Materials Co. (a)	82,800	3,023,028
		6,556,100

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Containers & Packaging 2.5%

Bemis Co., Inc.	96,062	3,050,929
Myers Industries, Inc.	118,448	1,045,896
Sonoco Products Co.	102,500	3,433,750

7,530,575

Distributors 0.6%

Genuine Parts Co.	34,300	1,641,598
-------------------	--------	-----------

Diversified Consumer Services 1.3%

H&R Block, Inc.	326,921	3,854,399
-----------------	---------	-----------

Diversified Telecommunication 1.1%

CenturyLink, Inc. (a)	81,400	3,368,332
-----------------------	--------	-----------

Electric Utilities 2.3%

MGE Energy, Inc.	40,371	1,637,044
Northeast Utilities	168,200	5,261,296

6,898,340

Electrical Equipment 3.5%

AO Smith Corp.	36,100	2,022,683
Brady Corp.	113,600	3,493,200
Roper Industries, Inc.	71,600	4,971,188

10,487,071

Energy Equipment & Services 1.0%

Helmerich & Payne, Inc. (a)	68,100	2,913,318
-----------------------------	--------	-----------

Common Stocks

Shares

Value

Food & Staples Retailing 1.8%

Casey's General Stores, Inc. (a)	39,000	\$ 1,616,940
SUPERVALU, Inc. (a)	333,500	3,598,465

5,215,405

Food Products 5.1%

Hormel Foods Corp. (a)	146,244	6,715,525
J.M. Smucker Co. (The) (a)	39,105	2,513,669
Lancaster Colony Corp.	48,400	2,414,192
McCormick & Co., Inc.	76,800	3,396,096

15,039,482

Gas Utilities 10.7%

Atmos Energy Corp.	95,062	2,799,576
Energen Corp. (a)	65,200	2,910,528
National Fuel Gas Co. (a)	68,000	3,752,240
New Jersey Resources Corp.	124,800	5,053,152
Northwest Natural Gas Co. (a)	81,200	4,002,348
Piedmont Natural Gas Co.	102,100	3,010,929
South Jersey Industries, Inc.	80,200	4,038,872
UGI Corp.	107,000	3,219,630
WGL Holdings, Inc.	80,585	3,106,552

31,893,827

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Health Care Equipment & Supplies 2.3%

Beckman Coulter, Inc. (a)	45,391	2,416,617
Meridian Bioscience, Inc.	65,300	1,494,717
Teleflex, Inc. (a)	53,000	2,954,750

6,866,084

Household Durables 3.9%

Fortune Brands, Inc. (a)	30,000	1,621,500
Leggett & Platt, Inc. (a)	149,433	3,045,444
Stanley Black & Decker, Inc. (a)	111,748	6,925,024

11,591,968

Industrial Conglomerates 1.0%

Otter Tail Corp.	57,361	1,177,048
Raven Industries, Inc.	45,281	1,861,954

3,039,002

Insurance 6.6%

Arthur J. Gallagher & Co.	110,000	3,097,600
Cincinnati Financial Corp.	189,042	5,565,396
Erie Indemnity Co., Class A	67,500	3,859,650
Harleysville Group, Inc.	48,800	1,675,304
Mercury General Corp.	58,800	2,497,824
Old Republic International Corp.	234,800	3,099,360

19,795,134

Leisure Equipment & Products 1.6%

Polaris Industries, Inc. (a)	66,700	4,741,703
------------------------------	--------	-----------

Machinery 5.7%

Badger Meter, Inc.	60,000	2,491,800
Dover Corp. (a)	57,475	3,051,923
Graco, Inc.	45,400	1,562,214
NACCO Industries, Inc.	26,900	2,670,094
Pentair, Inc. (a)	151,700	4,965,141
Tennant Co.	62,702	2,103,652

16,844,824

Media 0.5%

Meredith Corp.	43,693	1,483,377
----------------	--------	-----------

Multi-Utilities 6.3%

Black Hills Corp.	58,500	1,862,640
Integrus Energy Group, Inc. (a)	78,200	4,159,458
MDU Resources Group, Inc.	192,000	3,826,560
NSTAR	142,800	5,956,188
Vectren Corp.	110,950	3,037,811

18,842,657

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Strategic Dividend Achievers™ Trust (BDT)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Multiline Retail 0.8%		
Family Dollar Stores, Inc. (a)	54,500	\$ 2,516,265
Real Estate Investment Trusts (REITs) 10.3%		
Federal Realty Investment Trust (a)	38,400	3,148,032
Getty Realty Corp. (a)	94,090	2,682,506
Home Properties, Inc.	88,700	4,829,715
Liberty Property Trust	64,500	2,158,170
National Retail Properties, Inc. (a)	90,741	2,459,081
Realty Income Corp. (a)	70,318	2,410,501
Sovran Self Storage, Inc. (a)	38,680	1,511,227
Tanger Factory Outlet Centers (a)	34,300	1,643,656
UDR, Inc.	148,800	3,345,024
Universal Health Realty Income Trust	54,325	2,018,174
Washington REIT (a)	64,200	2,056,326
Weingarten Realty Investors	96,500	2,328,545
		30,590,957
Semiconductors & Semiconductor Equipment 1.7%		
Linear Technology Corp. (a)	152,100	4,902,183
Tobacco 2.2%		
Universal Corp. (a)	73,300	3,037,552
Vector Group Ltd.	194,145	3,630,512
		6,668,064
Trading Companies & Distributors 0.7%		
Fastenal Co.	41,192	2,120,564
Water Utilities 3.4%		
American States Water Co.	32,725	1,222,279
Aqua America, Inc.	245,400	5,283,462
California Water Service Group	33,159	1,238,157
Middlesex Water Co.	68,400	1,221,624
SJW Corp.	45,800	1,108,360
		10,073,882
Total Long-Term Investments (Cost \$290,989,404) 98.6%		293,655,628
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (b)(c)	5,854,617	5,854,617

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Total Short-Term Securities
(Cost \$5,854,617) 2.0% 5,854,617

Total Investments Before Outstanding Options Written
(Cost \$296,844,021*) 100.6% 299,510,245

Options Written

Contracts

Exchange-Traded Call Options Written (0.3)%

Bank of the Ozarks, Inc., Strike Price USD 37.50, Expires 12/15/10	92	(17,082)
Beckman Coulter, Inc., Strike Price USD 47.50, Expires 11/22/10	90	(53,100)
Casey's General Stores, Inc., Strike Price USD 40, Expires 11/22/10	78	(13,260)
CenturyLink, Inc., Strike Price USD 41, Expires 12/20/10	160	(15,600)
Cullen/Frost Bankers, Inc., Strike Price USD 55, Expires 11/22/10	195	(2,437)
Diebold, Inc., Strike Price USD 30, Expires 11/22/10	180	(33,300)
Dover Corp., Strike Price USD 55, Expires 12/20/10	115	(12,363)
Eaton Vance Corp., Strike Price USD 30.15, Expires 12/10/10	335	(16,287)
Energen Corp., Strike Price USD 45, Expires 1/24/11	130	(22,750)
Family Dollar Stores, Inc., Strike Price USD 46, Expires 11/22/10	110	(11,550)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

Federal Realty Investment Trust, Strike Price USD 80, Expires 11/22/10	76	\$ (24,320)
Fortune Brands, Inc., Strike Price USD 50, Expires 11/22/10	60	(26,400)
Getty Realty Corp., Strike Price USD 26.75, Expires 12/20/10	190	(37,226)
Helmerich & Payne, Inc., Strike Price USD 45, Expires 11/22/10	135	(9,450)
Hormel Foods Corp., Strike Price USD 45, Expires 12/20/10	300	(48,000)
Integrus Energy Group, Inc., Strike Price USD 55, Expires 12/20/10	157	(9,420)
J.M. Smucker Co. (The), Strike Price USD 65, Expires 11/22/10	80	(8,200)
Leggett & Platt, Inc., Strike Price USD 20, Expires 12/20/10	300	(30,750)
Linear Technology Corp., Strike Price USD 32, Expires 11/22/10	280	(22,400)
National Fuel Gas Co., Strike Price USD 55, Expires 12/20/10	135	(31,050)
National Retail Properties, Inc., Strike Price USD 26, Expires 12/20/10	180	(24,830)
Northwest Natural Gas Co., Strike Price USD 55, Expires 12/20/10	48	(1,680)
Pentair, Inc., Strike Price USD 33, Expires 11/22/10	300	(17,170)
Pitney Bowes, Inc., Strike Price USD 22, Expires 11/22/10	430	(19,350)
Polaris Industries, Inc., Strike Price USD 65, Expires 11/22/10	135	(89,775)
Realty Income Corp., Strike Price USD 35, Expires 11/22/10	140	(4,200)
S&T Bancorp, Inc., Strike Price USD 20, Expires 1/24/11	65	(8,288)
S&T Bancorp, Inc., Strike Price USD 20, Expires 12/20/10	20	(1,750)
Sovran Self Storage, Inc., Strike Price USD 40, Expires 11/22/10	77	(4,812)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Stanley Black & Decker, Inc., Strike Price USD 62.50, Expires 11/22/10	225	(29,813)
SUPERVALU, Inc., Strike Price USD 12, Expires 11/22/10	670	(5,025)
Tanger Factory Outlet Centers, Strike Price USD 50, Expires 11/22/10	68	(2,550)
Teleflex, Inc., Strike Price USD 60, Expires 12/20/10	106	(4,505)
Trustmark Corp., Strike Price USD 22.50, Expires 12/20/10	122	(8,845)
United Bankshares, Inc., Strike Price USD 25, Expires 11/22/10	185	(39,313)
Universal Corp., Strike Price USD 40, Expires 11/22/10	75	(15,750)
Vulcan Materials Co., Strike Price USD 41, Expires 11/22/10	165	(1,237)
Washington REIT, Strike Price USD 35, Expires 12/20/10	129	(2,902)

Total Exchange-Traded Call Options Written (726,740)

Over-the-Counter Call Options Written (0.5)%

ABM Industries, Inc., Strike Price USD 21.91, Expires 11/30/10, Broker UBS Securities LLC	27,500	(30,658)
American States Water Co., Strike Price USD 34.49, Expires 11/10/10, Broker Credit Suisse First Boston	6,500	(18,696)
AO Smith Corp., Strike Price USD 60.43, Expires 12/10/10, Broker Morgan Stanley & Co., Inc.	7,000	(11,412)
Aqua America, Inc., Strike Price USD 20.75, Expires 11/30/10, Broker JPMorgan Chase Securities	16,000	(21,803)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/02/10, Broker JPMorgan Chase Securities	16,000	(22,218)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/06/10, Broker JPMorgan Chase Securities	17,000	(24,451)
Arthur J. Gallagher & Co., Strike Price USD 26.34, Expires 11/12/10, Broker JPMorgan Chase Securities	22,000	(45,684)
Atmos Energy Corp., Strike Price USD 29.39, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	9,100	(3,968)
Atmos Energy Corp., Strike Price USD 29.64, Expires 11/09/10, Broker UBS Securities LLC	9,900	(3,191)
Avery Dennison Corp., Strike Price USD 38.53, Expires 12/15/10, Broker UBS Securities LLC	15,600	(6,967)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Strategic Dividend Achievers™ Trust (BDT)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Badger Meter, Inc., Strike Price USD 38.45, Expires 11/12/10, Broker Credit Suisse First Boston	12,000	\$ (36,982)
BancFirst Corp., Strike Price USD 41.56, Expires 12/15/10, Broker JPMorgan Chase Securities	5,800	(8,789)
BancorpSouth, Inc., Strike Price USD 14.47, Expires 12/15/10, Broker JPMorgan Chase Securities	24,500	(2,402)
Bank of Hawaii Corp., Strike Price USD 46.74, Expires 12/03/10, Broker Citigroup Global Markets, Inc.	20,000	(5,567)
Bemis Co., Inc., Strike Price USD 31.21, Expires 11/04/10, Broker Citigroup Global Markets, Inc.	19,000	(13,495)
Black Hills Corp., Strike Price USD 33.26, Expires 12/10/10, Broker Credit Suisse First Boston	12,000	(5,420)
Brady Corp., Strike Price USD 28.86, Expires 11/10/10, Broker UBS Securities LLC	22,700	(43,660)
California Water Service Group, Strike Price USD 36.90, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	2,200	(1,925)
California Water Service Group, Strike Price USD 37.27, Expires 11/09/10, Broker UBS Securities LLC	4,400	(2,962)
Chemical Financial Corp., Strike Price USD 21.18, Expires 11/30/10, Broker UBS Securities LLC	11,200	(5,471)
Cincinnati Financial Corp., Strike Price USD 28.97, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	38,000	(29,183)
Community Bank System, Inc., Strike Price USD 23.66, Expires 12/15/10, Broker Morgan Stanley & Co., Inc.	14,000	(14,698)
Community Trust Bancorp, Inc., Strike Price USD 27.03, Expires 11/15/10, Broker UBS Securities LLC	8,000	(7,143)
Erie Indemnity Co., Class A, Strike Price USD 58.04, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	13,500	(8,121)
Fastnel Co., Strike Price USD 53.35, Expires 11/30/10, Broker UBS Securities LLC	8,200	(6,413)
Federated Investors, Inc., Strike Price USD 24.33, Expires 11/30/10, Broker UBS Securities LLC	21,800	(16,536)
Genuine Parts Co., Strike Price USD 47.94, Expires 12/03/10, Broker Morgan Stanley & Co., Inc.	7,000	(5,644)
Graco, Inc., Strike Price USD 30.51, Expires 11/15/10, Broker JPMorgan Chase Securities	9,000	(35,202)
Harleysville Group, Inc., Strike Price USD 32.72, Expires 11/15/10, Broker Morgan Stanley & Co., Inc.	9,500	(15,295)
Home Properties, Inc., Strike Price USD 55.40, Expires 12/03/10, Broker Citigroup Global Markets, Inc.	18,000	(19,811)
Iberiabank Corp., Strike Price USD 55.20, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	5,000	(8,925)
Lancaster Colony Corp., Strike Price USD 48.61, Expires 12/01/10, Broker JPMorgan Chase Securities	9,500	(14,548)
Liberty Property Trust, Strike Price USD 32.55, Expires 11/30/10, Broker UBS Securities LLC	13,000	(18,684)
Martin Marietta Materials, Inc., Strike Price USD 80.62, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	8,700	(23,039)
Masco Corp., Strike Price USD 11.28, Expires 11/15/10, Broker JPMorgan Chase Securities	50,000	(7,641)
McCormick & Co., Inc., Strike Price USD 40.47, Expires 11/12/10, Broker Credit Suisse First Boston	15,000	(57,882)
McGrath Rentcorp, Strike Price USD 21.55, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	11,000	(41,360)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

MDU Resources Group, Inc., Strike Price USD 19.96, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	40,000	(8,034)
Mercury General Corp., Strike Price USD 40.26, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	11,700	(26,009)
Meredith Corp., Strike Price USD 33.12, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	9,000	(8,074)
Meridian Bioscience, Inc., Strike Price USD 23.30, Expires 12/10/10, Broker Credit Suisse First Boston	13,000	(8,664)
MGE Energy, Inc., Strike Price USD 42.02, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	8,000	(2,605)
Middlesex Water Co., Strike Price USD 16.59, Expires 11/12/10, Broker UBS Securities LLC	14,000	(17,780)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (concluded)

Mine Safety Appliances Co., Strike Price USD 27.53, Expires 11/30/10, Broker Credit Suisse First Boston	14,100	\$ (11,484)
Myers Industries, Inc., Strike Price USD 6.49, Expires 11/12/10, Broker JPMorgan Chase Securities	24,000	(56,150)
NACCO Industries, Inc., Strike Price USD 98.66, Expires 11/15/10, Broker Credit Suisse First Boston	5,500	(35,289)
New Jersey Resources Corp., Strike Price USD 39.22, Expires 11/08/10, Broker Citigroup Global Markets, Inc.	14,900	(18,923)
New Jersey Resources Corp., Strike Price USD 41.37, Expires 12/15/10, Broker Citigroup Global Markets, Inc.	10,000	(3,459)
Northeast Utilities, Strike Price USD 30.06, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	33,500	(40,870)
Northwest Natural Gas Co., Strike Price USD 46.57, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	11,500	(31,280)
NSTAR, Strike Price USD 38.22, Expires 11/12/10, Broker UBS Securities LLC	29,000	(101,210)
Old Republic International Corp., Strike Price USD 13.89, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	47,000	(15,892)
Otter Tail Corp., Strike Price USD 20.40, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	11,500	(7,709)
Piedmont Natural Gas Co., Inc., Strike Price USD 28.82, Expires 11/08/10, Broker Citigroup Global Markets, Inc.	20,500	(14,528)
Raven Industries, Inc., Strike Price USD 34.16, Expires 11/10/10, Broker Citigroup Global Markets, Inc.	9,000	(62,640)
Roper Industries, Inc., Strike Price USD 70.95, Expires 12/10/10, Broker UBS Securities LLC	14,500	(18,995)
RPM International, Inc., Strike Price USD 21.07, Expires 12/03/10, Broker Credit Suisse First Boston	31,000	(13,846)
SJW Corp., Strike Price USD 23.72, Expires 11/12/10, Broker Credit Suisse First Boston	9,000	(8,190)
Sonoco Products Co., Strike Price USD 33.09, Expires 11/10/10, Broker JPMorgan Chase Securities	20,500	(15,647)
South Jersey Industries, Inc., Strike Price USD 51.04, Expires 12/15/10, Broker UBS Securities LLC	16,000	(7,147)
Stepan Co., Strike Price USD 59.93, Expires 11/10/10, Broker UBS Securities LLC	5,000	(37,690)
Tennant Co., Strike Price USD 33.72, Expires 11/08/10, Broker UBS Securities LLC	12,500	(13,506)
UDR, Inc., Strike Price USD 22, Expires 12/15/10, Broker Morgan Stanley & Co., Inc.	29,800	(31,625)
UGI Corp., Strike Price USD 29.66, Expires 12/10/10, Broker Credit Suisse First Boston	21,500	(17,373)
Universal Corp., Strike Price USD 42.29, Expires 11/30/10, Broker UBS Securities LLC	7,100	(7,739)
Universal Health Realty Income Trust, Strike Price USD 32.43, Expires 11/12/10, Broker UBS Securities LLC	11,000	(51,920)
Valley National Bancorp, Strike Price USD 13.20, Expires 11/12/10, Broker JPMorgan Chase Securities	26,000	(7,856)
Vector Group Ltd., Strike Price USD 18.79, Expires 12/15/10, Broker Credit Suisse First Boston	38,800	(12,165)
Vectren Corp., Strike Price USD 26.48, Expires 12/06/10, Broker UBS Securities LLC	8,800	(10,315)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Vectren Corp., Strike Price USD 27.48, Expires 12/13/10, Broker Morgan Stanley & Co., Inc.	13,400	(4,623)
Weingarten Realty Investors, Strike Price USD 23.83, Expires 12/15/10, Broker Citigroup Global Markets, Inc.	19,300	(19,159)
WesBanco, Inc., Strike Price USD 16.78, Expires 11/30/10, Broker UBS Securities LLC	12,000	(10,026)
WGL Holdings, Inc., Strike Price USD 38.89, Expires 12/15/10, Broker UBS Securities LLC	16,200	(6,873)
Total Over-the-Counter Call Options Written		(1,411,141)
Total Options Written (Premiums Received \$1,666,095) (0.8)%		(2,137,881)
Total Investments Net of Outstanding Options Written 99.8%		297,372,364
Other Assets Less Liabilities 0.2%		496,988
Net Assets 100.0%		\$ 297,869,352

See Notes to Financial Statements.

ANNUAL REPORT

OCTOBER 31, 2010

25

Schedule of Investments (concluded)

BlackRock Strategic Dividend Achievers™ Trust (BDT)

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 299,625,968
Gross unrealized appreciation	\$ 29,332,360
Gross unrealized depreciation	(29,448,083)
Net unrealized depreciation	\$ (115,723)

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (b) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at October 31, 2009	Net Activity	Shares Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	3,951,206	1,903,411	5,854,617	\$ 10,816

- (c) Represents current yield as of report date.

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

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks ¹	\$ 293,655,628			\$ 293,655,628
Short-Term Securities	5,854,617			5,854,617
Total	\$ 299,510,245			\$ 299,510,245

¹ See above Schedule of Investments for values in each industry.

Derivative Financial Instruments²

Valuation Inputs	Level 1	Level 2	Level 3	Total
Liabilities:				
Equity contracts	\$ (614,145)	\$ (1,523,736)		\$ (2,137,881)

² Derivative financial instruments are options which are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock EcoSolutions Investment Trust (BQR)
 (Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Auto Components 0.9%		
Johnson Controls, Inc. (a)	34,000	\$ 1,194,080
Building Products 0.1%		
Kingspan Group Plc	23,600	196,292
Chemicals 26.0%		
Agrium, Inc. (a)	38,100	3,372,231
CF Industries Holdings, Inc. (a)	14,450	1,770,559
Incitec Pivot Ltd.	325,300	1,191,144
Israel Chemicals Ltd.	90,000	1,373,577
Johnson Matthey Plc	100,000	3,066,693
K+S AG	23,300	1,620,971
Makhteshim-Agan Industries Ltd. (b)	190,000	958,687
Monsanto Co. (a)	50,100	2,976,942
Mosaic Co. (The) (a)	41,000	2,999,560
Nalco Holding Co. (a)	48,900	1,378,002
Novozymes A/S	10,400	1,385,625
Nufarm Ltd. (b)	90,360	402,762
Potash Corp. of Saskatchewan, Inc. (a)	21,400	3,104,926
Sinofert Holdings Ltd. (b)	3,143,500	1,670,427
Syngenta AG	11,300	3,128,818
Umicore	39,200	1,847,081
Wacker Chemie AG	8,800	1,814,773
		34,062,778
Commercial Services & Supplies 2.2%		
Tetra Tech, Inc. (b)	104,200	2,194,452
Tianjin Capital Environmental Protection Group Co. Ltd.	2,083,000	717,977
		2,912,429
Construction & Engineering 1.7%		
Insituform Technologies, Inc. (b)	18,300	395,280
Layne Christensen Co. (a)(b)	14,000	391,160
Quanta Services, Inc. (a)(b)	25,800	507,228
Shaw Group, Inc. (The) (a)(b)	29,200	892,352
		2,186,020
Electric Utilities 3.1%		
Acciona SA	5,450	479,809
Iberdrola SA	190,557	1,609,987
NextEra Energy, Inc. (a)	35,900	1,975,936
		4,065,732
Electrical Equipment 5.5%		
American Superconductor Corp. (a)(b)	50,600	1,702,690
First Solar, Inc. (a)(b)	5,700	784,776

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Gamesa Corp. Tecnologica SA (b)	75,100	523,094
General Cable Corp. (a)(b)	12,800	357,632
Nordex SE (b)	18,100	174,353
Renewable Energy Corp. AS (b)	41,900	145,927
Roper Industries, Inc.	14,300	992,849
Solarworld AG	51,000	739,221
SunPower Corp., Class A (a)(b)	15,650	213,466
Suntech Power Holdings Co. Ltd. - ADR (a)(b)	15,700	133,293
Vestas Wind Systems A/S (b)	43,200	1,377,129
		7,144,430

Electronic Equipment, Instruments & Components 2.6%

Itron, Inc. (a)(b)	38,600	2,345,722
Trimble Navigation Ltd. (b)	31,010	1,111,398
		3,457,120

Food Products 13.2%

Agria Corp. - ADR (b)	100,000	192,000
Archer-Daniels-Midland Co. (a)	48,700	1,622,684
BrasilAgro - Companhia Brasileira de Propriedades Agricolas (b)	525,200	3,091,956
Bunge Ltd. (a)	30,200	1,814,114
Cosan Ltd.	98,700	1,297,905
Cresud SACIF y A - ADR	53,000	1,042,510

Common Stocks

	Shares	Value
Food Products (concluded)		
Illovo Sugar Ltd.	234,900	\$ 874,884
IOI Corp. Bhd	533,333	998,960
Sao Martinho SA	200,000	2,398,400
SLC Agricola SA	150,000	1,852,614
SunOpta, Inc. (b)	83,300	538,118
Viterra, Inc. (a)(b)	116,746	1,118,353
Wilmar International Ltd.	102,000	506,825
		17,349,323

Independent Power Producers & Energy Traders 2.0%

EDF Energies Nouvelles SA	17,100	742,526
Iberdrola Renovables SA	351,600	1,187,888
Ormat Technologies, Inc. (a)	22,300	635,773
		2,566,187

Industrial Conglomerates 0.5%

Orkla ASA	67,700	656,107
-----------	--------	---------

Machinery 8.2%

AGCO Corp. (a)(b)	45,500	1,932,385
CNH Global NV (a)(b)	30,400	1,206,576
Deere & Co. (a)	25,700	1,973,760
Duoyuan Global Water, Inc. - ADR (a)(b)	6,900	86,319
IDEX Corp.	14,600	526,768
Kurita Water Industries Ltd.	70,700	1,831,332
Pentair, Inc. (a)	59,000	1,931,070
Watts Water Technologies, Inc.	36,000	1,266,120
		10,754,330

Multi-Utilities 1.9%

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Hera SpA	486,500	1,029,662
Suez Environnement Co.	12,325	241,157
United Utilities Group Plc	91,181	892,710
Veolia Environnement	11,700	344,057

2,507,586

Oil, Gas & Consumable Fuels 2.1%

Cheniere Energy, Inc. (b)	12,500	41,000
D1 Oils Plc (b)	360,099	31,216
Rentech, Inc. (b)	500,000	595,000
Sasol Ltd.	33,500	1,508,583
Sasol Ltd. - ADR	12,400	561,100

2,736,899

Paper & Forest Products 0.8%

Fibria Celulose SA - ADR (a)(b)	29,000	520,840
Precious Woods Holding AG (b)	20,000	488,796

1,009,636

Real Estate Investment Trusts (REITs) 2.7%

Plum Creek Timber Co., Inc. (a)	66,100	2,435,124
Rayonier, Inc.	21,850	1,140,570

3,575,694

Road & Rail 1.0%

All American Latina Logistica SA	133,000	1,257,802
----------------------------------	---------	-----------

Semiconductors & Semiconductor Equipment 0.2%

MEMC Electronic Materials, Inc. (a)(b)	21,200	271,784
--	--------	---------

Water Utilities 22.2%

American States Water Co.	51,900	1,938,465
American Water Works Co., Inc	69,500	1,659,660
Aqua America, Inc.	125,000	2,691,250
Artesian Resources Corp., Class A	39,400	751,752
Athens Water Supply & Sewage Co. SA (The)	89,950	604,683
California Water Service Group	52,400	1,956,616
China Water Affairs Group Ltd.	4,556,000	1,742,284
Cia de Saneamento Basico do Estado de Sao Paulo	81,000	1,833,612
Cia de Saneamento de Minas Geras-COPASA	160,000	2,453,214
Hyflux Ltd.	628,000	1,532,822
Inversiones Aguas Metropolitanas SA	1,500,000	2,330,573

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock EcoSolutions Investment Trust (BQR)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Water Utilities (concluded)		
Manila Water Co., Inc.	5,610,000	\$ 2,432,986
Northumbrian Water Group Plc	430,900	2,444,370
Pennon Group Plc	215,200	2,147,646
Severn Trent Plc	113,500	2,537,394
		29,057,327
Total Long-Term Investments (Cost \$151,446,355) 96.9%		126,961,556

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (c)(d)	5,825,217	5,825,217
Total Short-Term Securities (Cost \$5,825,217) 4.5%		5,825,217
Total Investments Before Outstanding Options Written (Cost \$157,271,572*) 101.4%		132,786,773

Options Written**Contracts**

Exchange-Traded Call Options Written (0.6)%		
AGCO Corp., Strike Price USD 45, Expires 12/20/10	205	(25,112)
Agrium, Inc., Strike Price USD 90, Expires 12/20/10	170	(73,100)
American Superconductor Corp., Strike Price USD 31, Expires 11/22/10	130	(46,800)
American Superconductor Corp., Strike Price USD 36, Expires 11/22/10	30	(2,850)
American Superconductor Corp., Strike Price USD 37, Expires 11/22/10	68	(4,590)
Bunge Ltd., Strike Price USD 65, Expires 12/20/10	135	(14,850)
CF Industries Holdings, Inc., Strike Price USD 125, Expires 11/22/10	65	(31,688)
CNH Global NV, Strike Price USD 45, Expires 11/22/10	20	(700)
CNH Global NV, Strike Price USD 45, Expires 12/20/10	120	(11,400)
Deere & Co., Strike Price USD 80, Expires 12/20/10	120	(25,200)
Duoyuan Global Water, Inc. - ADR, Strike Price USD 15, Expires 12/20/10	31	(2,015)
Fibria Celulose SA - ADR, Strike Price USD 17.50, Expires 11/22/10	130	(13,000)
First Solar, Inc., Strike Price USD 150, Expires 12/20/10	26	(7,865)
General Cable Corp., Strike Price USD 27, Expires 11/22/10	57	(10,687)
Itron, Inc., Strike Price USD 65, Expires 12/20/10	175	(25,375)
	153	(64,260)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Johnson Controls, Inc., Strike Price USD 31, Expires 11/22/10		
Layne Christensen Co., Strike Price USD 25.50, Expires 11/10/10	77	(20,690)
MEMC Electronic Materials, Inc., Strike Price USD 12, Expires 11/22/10	96	(11,808)
Monsanto Co., Strike Price USD 60, Expires 12/20/10	230	(70,150)
Mosaic Co. (The), Strike Price USD 70, Expires 12/20/10	190	(123,025)
Nalco Holding Co., Strike Price USD 27, Expires 12/20/10	220	(39,050)
Ormat Technologies, Inc., Strike Price USD 30, Expires 11/22/10	120	(2,700)
Pentair, Inc., Strike Price USD 33, Expires 11/22/10	265	(15,167)
Plum Creek Timber Co., Inc., Strike Price USD 36, Expires 11/22/10	297	(32,225)
Potash Corp. of Saskatchewan, Inc., Strike Price USD 150, Expires 12/20/10	97	(51,168)
Quanta Services, Inc., Strike Price USD 20, Expires 12/20/10	105	(8,400)
Shaw Group, Inc. (The), Strike Price USD 33, Expires 12/20/10	130	(6,825)
SunPower Corp., Strike Price USD 15, Expires 12/20/10	70	(3,360)
Suntech Power Holdings Co. Ltd. - ADR, Strike Price USD 10, Expires 12/20/10	70	(1,680)
Viterra, Inc., Strike Price CAD 10.00, Expires 12/20/10	260	(7,648)
Total Exchange-Traded Call Options Written		(753,388)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (1.4)%

Acciona SA, Strike Price EUR 63.20, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	2,500	\$ (4,584)
All American Latina Logistica SA, Strike Price BRL 15.54, Expires 12/14/10, Broker Deutsche Bank Securities Corp.	59,900	(51,457)
American States Water Co., Strike Price USD 34.49, Expires 11/10/10, Broker Credit Suisse First Boston	28,500	(81,975)
American Water Works Co., Inc., Strike Price USD 23.30, Expires 11/24/10, Broker UBS Securities LLC	24,500	(21,019)
American Water Works Co., Inc., Strike Price USD 23.94, Expires 11/24/10, Broker Citigroup Global Markets, Inc.	6,800	(3,211)
Aqua America, Inc., Strike Price USD 20.75, Expires 11/30/10, Broker JPMorgan Chase Securities	18,800	(25,619)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/02/10, Broker JPMorgan Chase Securities	18,800	(26,106)
Aqua America, Inc., Strike Price USD 20.75, Expires 12/06/10, Broker JPMorgan Chase Securities	18,800	(27,040)
Archer-Daniels-Midland Co., Strike Price USD 33.08, Expires 11/10/10, Broker Credit Suisse First Boston	26,800	(22,185)
Artesian Resources Corp., Class A, Strike Price USD 18.87, Expires 11/15/10, Broker Morgan Stanley & Co., Inc.	17,800	(8,076)
Athens Water Supply & Sewage Co. SA (The), Strike Price EUR 5.04, Expires 11/11/10, Broker UBS Securities LLC	20,500	(645)
BrasilAgro - Companhia Brasileira de Propriedades Agrícolas, Strike Price BRL 10, Expires 11/08/10, Broker UBS Securities LLC	118,200	(17,018)
BrasilAgro - Companhia Brasileira de Propriedades Agrícolas, Strike Price BRL 10.81, Expires 12/14/10, Broker UBS Securities LLC	118,200	(15,806)
California Water Service Group, Strike Price USD 36.90, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	7,600	(6,649)
California Water Service Group, Strike Price USD 37.27, Expires 11/09/10, Broker UBS Securities LLC	16,000	(10,772)
China Water Affairs Group Ltd., Strike Price HKD 2.85, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	2,050,000	(40,214)
Cia de Saneamento Basico do Estado de Sao Paulo, Strike Price BRL 40.39, Expires 12/14/10, Broker UBS Securities LLC	36,500	(21,405)
	72,000	(13,729)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Cia de Saneamento de Minas Gerais-COPASA, Strike Price BRL 27.32, Expires 12/14/10, Broker Goldman Sachs & Co.		
Cosan Ltd., Strike Price USD 13.11, Expires 12/10/10, Broker Morgan Stanley & Co., Inc.	44,500	(26,923)
Cresud SACIF y A - ADR, Strike Price USD 19.90, Expires 11/29/10, Broker UBS Securities LLC	23,900	(18,917)
EDF Energies Nouvelles SA, Strike Price EUR 29.30, Expires 11/16/10, Broker UBS Securities LLC	7,700	(21,997)
Gamesa Corp. Tecnologica SA, Strike Price EUR 5.43, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	33,800	(1,112)
Hera SpA, Strike Price EUR 1.41, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	219,000	(35,138)
Hyflux Ltd., Strike Price SGD 3.16, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	283,000	(8,924)
Iberdrola Renovables SA, Strike Price EUR 2.50, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	158,000	(692)
Iberdrola SA, Strike Price EUR 5.72, Expires 11/11/10, Broker Credit Suisse First Boston	85,800	(43,040)
Idex Corp., Strike Price USD 37.02, Expires 12/10/10, Broker UBS Securities LLC	6,600	(4,526)
Illovo Sugar Ltd., Strike Price ZAR 24.90, Expires 11/11/10, Broker Credit Suisse First Boston	105,700	(19,013)
Incitec Pivot Ltd., Strike Price AUD 3.64, Expires 11/09/10, Broker Goldman Sachs & Co.	146,400	(23,932)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock EcoSolutions Investment Trust (BQR)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Insituform Technologies, Inc., Strike Price USD 22.13, Expires 12/10/10, Broker UBS Securities LLC	8,300	\$ (5,602)
Inversiones Aguas Metropolitanas SA, Strike Price CLP 757.50, Expires 12/14/10, Broker Credit Suisse First Boston	675,000	(39,164)
IOI Corp. Bhd, Strike Price MYR 5.60, Expires 11/09/10, Broker Deutsche Bank Securities Corp.	240,000	(17,594)
Israel Chemicals Ltd., Strike Price ILS 51.89, Expires 11/11/10, Broker Credit Suisse First Boston	40,500	(41,004)
Johnson Matthey Plc, Strike Price GBP 17.94, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	45,000	(87,986)
K&S AG, Strike Price EUR 45.87, Expires 11/16/10, Broker Morgan Stanley & Co., Inc.	10,500	(61,493)
Kingspan Group Plc, Strike Price EUR 5.83, Expires 11/11/10, Broker UBS Securities LLC	10,600	(3,512)
Kurita Water Industries Ltd., Strike Price JPY 2,342.02, Expires 11/09/10, Broker JPMorgan Chase Securities	32,000	(42)
Makhteshim-Agan Industries Ltd., Strike Price ILS 13.64, Expires 11/11/10, Broker Credit Suisse First Boston	85,000	(110,111)
Manila Water Co., Inc., Strike Price PHP 19.05, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	2,500,000	(5,550)
NextEra Energy, Inc., Strike Price USD 55.50, Expires 11/15/10, Broker Citigroup Global Markets, Inc.	16,200	(7,589)
Nordex SE, Strike Price EUR 6.95, Expires 11/16/10, Broker UBS Securities LLC	8,200	(2,126)
Northumbrian Water Group Plc, Strike Price GBP 3.42, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	194,000	(40,084)
Novozymes A/S, Strike Price DKK 718.62, Expires 11/11/10, Broker UBS Securities LLC	4,700	(11,321)
Nufarm Ltd., Strike Price AUD 3.96, Expires 11/09/10, Broker UBS Securities LLC	41,000	(24,092)
Orkla ASA, Strike Price NOK 54.94, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	30,500	(11,265)
Pennon Group Plc, Strike Price GBP 5.92, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	95,000	(46,930)
Rayonier, Inc., Strike Price USD 51.51, Expires 12/06/10, Broker Citigroup Global Markets, Inc.	9,800	(13,124)
Renewable Energy Corp. ASA, Strike Price NOK 20.79, Expires 11/16/10, Broker UBS Securities LLC	18,900	(1,962)
Roper Industries, Inc., Strike Price USD 70.95, Expires 12/10/10, Broker UBS Securities LLC	6,500	(8,515)
Sao Martinho SA, Strike Price BRL 16.72, Expires 11/08/10, Broker Credit Suisse First Boston	41,600	(89,909)
Sao Martinho SA, Strike Price BRL 21.01, Expires 12/14/10, Broker UBS Securities LLC	48,400	(14,882)
Sasol Ltd. - ADR, Strike Price USD 43.49, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	12,400	(24,302)
Severn Trent Plc, Strike Price GBP 13.41, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	51,000	(44,786)
Sinofert Holdings Ltd., Strike Price HKD 4.59, Expires 11/09/10, Broker JPMorgan Chase Securities	1,414,000	(1,008)
SLC Agricola SA, Strike Price BRL 15.66, Expires 11/08/10, Broker Credit Suisse First Boston	33,800	(106,250)
	33,700	(13,679)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

SLC Agricola SA, Strike Price BRL 22.06, Expires 12/14/10, Broker UBS Securities LLC Solarworld AG, Strike Price EUR 8.79, Expires 11/16/10, Broker UBS Securities LLC	23,000	(55,445)
Suez Environnement Co., Strike Price EUR 14.10, Expires 11/16/10, Broker Morgan Stanley & Co., Inc.	5,600	(1,946)
SunOpta, Inc., Strike Price USD 6.34, Expires 11/15/10, Broker UBS Securities LLC	37,500	(18,753)
Syngenta AG, Strike Price CHF 252.96, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	5,100	(104,462)
Tetra Tech, Inc., Strike Price USD 21.87, Expires 12/10/10, Broker UBS Securities LLC	47,000	(23,697)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Tianjin Capital Environmental Protection Group Co. Ltd., Strike Price HKD 2.71, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	938,000	\$ (3,844)
Trimble Navigation Ltd., Strike Price USD 35.89, Expires 11/15/10, Broker UBS Securities LLC	14,000	(13,336)
Umicore, Strike Price EUR 33.16, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	17,700	(27,054)
United Utilities Group Plc, Strike Price GBP 5.77, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	27,000	(14,647)
United Utilities Group Plc, Strike Price GBP 5.79, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	14,000	(7,145)
Veolia Environnement, Strike Price EUR 20.22, Expires 11/16/10, Broker Credit Suisse First Boston	5,300	(7,785)
Vestas Wind Systems A/S, Strike Price DKK 205.65, Expires 11/16/10, Broker UBS Securities LLC	19,500	(4,814)
Viterra, Inc., Strike Price CAD 9.13, Expires 11/19/10, Broker Morgan Stanley & Co., Inc.	26,800	(18,605)
Wacker Chemie AG, Strike Price EUR 132.33, Expires 11/11/10, Broker UBS Securities LLC	4,000	(91,078)
Watts Industries, Inc., Strike Price USD 34.43, Expires 11/15/10, Broker UBS Securities LLC	16,200	(18,918)
Wilmar International Ltd., Strike Price SGD 6.17, Expires 11/09/10, Broker Credit Suisse First Boston	46,000	(9,786)
Total Over-the-Counter Call Options Written		(1,856,921)
Total Options Written (Premiums Received \$1,877,185) (2.0)%		(2,610,309)
Total Investments Net of Outstanding Options Written 99.4%		130,176,464
Other Assets Less Liabilities 0.6%		825,978
Net Assets 100.0%		\$ 131,002,442

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock EcoSolutions Investment Trust (BQR)

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 170,684,442
Gross unrealized appreciation	\$ 3,344,462
Gross unrealized depreciation	(41,242,131)
Net unrealized depreciation	\$ (37,897,669)

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
 (b) Non-income producing security.
 (c) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	7,177,667	(1,352,450)	5,825,217	\$ 10,495
BlackRock Liquidity Series, LLC Money Market Series	2,141,500	(2,141,500)		\$ 7,819

- (d) Represents current yield as of report date.

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

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 Trust's own assumptions used in determining the fair value of investments and derivatives)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks:				
Auto Components	\$ 1,194,080			\$ 1,194,080
Building Products	196,292			196,292
Chemicals	15,602,220	\$ 18,460,558		34,062,778
Commercial Services & Supplies	2,194,452	717,977		2,912,429
Construction & Engineering	2,186,020			2,186,020
Electric Utilities	1,975,936	2,089,796		4,065,732
Electrical Equipment	4,184,706	2,959,724		7,144,430
Electronic Equipment, Instruments & Components	3,457,120			3,457,120
Food Products	14,968,654	2,380,669		17,349,323
Independent Power Producers & Energy Traders	635,773	1,930,414		2,566,187
Industrial Conglomerates		656,107		656,107
Machinery	8,922,998	1,831,332		10,754,330
Multi-Utilities		2,507,586		2,507,586
Oil, Gas & Consumable Fuels	1,228,316	1,508,583		2,736,899
Paper & Forest Products	1,009,636			1,009,636
Real Estate Investment Trusts (REITs)	3,575,694			3,575,694
Road & Rail	1,257,802			1,257,802
Semiconductors & Semiconductor Equipment	271,784			271,784
Water Utilities	16,219,825	12,837,502		29,057,327
Short-Term Securities	5,825,217			5,825,217
Total	\$ 84,906,525	\$ 47,880,248		\$ 132,786,773

Derivative Financial Instruments¹

Valuation Inputs	Level 1	Level 2	Level 3	Total
Liabilities:				
Equity contracts	\$ (717,531)	\$ (1,892,778)		\$ (2,610,309)

¹ Derivative financial instruments are options which are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Energy and Resources Trust (BGR)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Construction & Engineering 0.5%		
MYR Group, Inc. (a)(b)	269,231	\$ 4,197,311
Energy Equipment & Services 17.7%		
Cameron International Corp. (a)(c)	475,300	20,794,375
Core Laboratories NV	86,100	6,695,997
Halliburton Co. (c)	555,300	17,691,858
National Oilwell Varco, Inc. (c)	429,700	23,100,672
Noble Corp. (c)	496,100	17,130,333
Schlumberger Ltd. (c)	144,400	10,092,116
Technip SA	207,900	17,514,244
Transocean Ltd. (a)(c)	239,000	15,143,040
Weatherford International Ltd. (a)(c)	483,900	8,134,359
		136,296,994
Gas Utilities 2.4%		
EQT Corp.	486,000	18,195,840
Metals & Mining 4.1%		
BHP Billiton Ltd. - ADR (c)	177,800	14,684,502
Goldcorp, Inc.	94,900	4,231,591
Silver Wheaton Corp. (a)	431,100	12,394,125
		31,310,218
Oil, Gas & Consumable Fuels 75.2%		
Alpha Natural Resources, Inc. (a)(c)	594,600	26,858,082
AltaGas Ltd.	451,400	9,015,608
Anadarko Petroleum Corp. (c)	385,000	23,704,450
Apache Corp.	187,000	18,890,740
Arch Coal, Inc.	553,600	13,613,024
Brigham Exploration Co. (a)	1,102,800	23,258,052
Cabot Oil & Gas Corp. (c)	360,400	10,444,392
Cimarex Energy Co. (c)	104,600	8,028,050
Consol Energy, Inc.	480,221	17,652,924
Crescent Point Energy Corp. (c)	309,700	12,267,752
Enbridge Energy Partners LP	73,200	4,501,068
Energy XXI Bermuda Ltd. (a)(c)	440,200	9,569,948
Enterprise Products Partners LP	391,005	16,754,564
EOG Resources, Inc. (c)	305,700	29,261,604
EXCO Resources, Inc. (c)	1,161,200	17,220,596
Keyera Facilities Income Fund	619,867	19,235,994
Magnum Hunter Resources Corp. (a)(c)	828,500	3,960,230
MarkWest Energy Partners LP	197,700	7,536,324
Massey Energy Co. (c)	716,500	30,143,155
Occidental Petroleum Corp. (c)	367,000	28,857,210
ONEOK Partners LP	144,200	11,295,186
Peabody Energy Corp.	499,900	26,444,710
Pembina Pipeline Corp.	265,500	5,740,048
Penn Virginia Corp.	836,500	12,396,930
Petrohawk Energy Corp. (a)(c)	2,312,400	39,333,924
Petroleo Brasileiro SA - ADR	772,800	24,103,632

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Petroleum Development Corp. (a)	175,900	5,489,839
Plains All American Pipeline LP (c)	164,800	10,398,880
QEP Resources, Inc.	208,300	6,880,149
Range Resources Corp.	385,700	14,421,323
Ship Finance International Ltd. (c)	468,500	9,421,535
SM Energy Co. (c)	88,200	3,676,176
Southwestern Energy Co. (a)(c)	445,000	15,063,250
Targa Resources Partners LP	129,500	3,838,380
Ultra Petroleum Corp. (a)(c)	122,400	5,036,760
Whiting Petroleum Corp. (a)	437,920	43,984,685
Williams Partners LP	245,200	10,813,320
		579,112,494

Pipelines 0.9%

Magellan Midstream Partners LP	134,200	7,245,458
--------------------------------	---------	-----------

Transportation 0.9%

Nordic American Tanker Shipping	266,400	6,934,393
---------------------------------	---------	-----------

Value

Total Long-Term Investments
(Cost \$693,258,125) 101.7% \$ 783,292,708

Options Purchased

Contracts

Over-The-Counter Put Options Purchased 0.0%

Energy XXI Bermuda Ltd., Strike Price USD 18, Expires 11/02/10, Broker UBS Securities LLC	60,000	5
---	--------	---

Total Options Purchased
(Cost \$7,200) 0.0% 5

Total Investments Before Outstanding Options Written
(Cost \$693,265,325*) 101.7% 783,292,713

Options Written

Exchange-Traded Call Options Written (1.0)%

Alpha Natural Resources, Inc., Strike Price USD 43, Expires 11/22/10	500	(160,000)
Alpha Natural Resources, Inc., Strike Price USD 44, Expires 11/22/10	150	(38,025)
Anadarko Petroleum Corp., Strike Price USD 49, Expires 11/22/10	600	(778,500)
Anadarko Petroleum Corp., Strike Price USD 50, Expires 11/22/10	100	(118,500)
Anadarko Petroleum Corp., Strike Price USD 62.50, Expires 11/22/10	100	(22,400)
BHP Billiton Ltd. - ADR, Strike Price USD 70, Expires 11/22/10	400	(514,000)
BHP Billiton Ltd. - ADR, Strike Price USD 75, Expires 11/22/10	100	(81,750)
BHP Billiton Ltd. - ADR, Strike Price USD 80, Expires 11/22/10	200	(82,500)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Cabot Oil & Gas Corp., Strike Price USD 32, Expires 11/22/10	200	(5,000)
Cameron International Corp., Strike Price USD 37.50, Expires 11/22/10	290	(194,300)
Cameron International Corp., Strike Price USD 39, Expires 11/22/10	290	(158,050)
Cameron International Corp., Strike Price USD 40, Expires 11/22/10	200	(89,000)
Cameron International Corp., Strike Price USD 41, Expires 11/22/10	530	(193,450)
Cameron International Corp., Strike Price USD 45, Expires 11/20/10	350	(47,250)
Cimarex Energy Co., Strike Price USD 70, Expires 12/20/10	350	(288,750)
Crescent Point Energy Corp., Strike Price CAD 42, Expires 1/24/11,	310	(17,477)
Energy XXI Bermuda Ltd., Strike Price USD 25, Expires 12/18/10	123	(11,377)
Energy XXI Bermuda Ltd., Strike Price USD 30, Expires 11/22/10	140	(1,050)
EOG Resources, Inc., Strike Price USD 105, Expires 11/22/10	200	(14,900)
EXCO Resources, Inc., Strike Price USD 16, Expires 12/20/10	1,000	(42,500)
Halliburton Co., Strike Price USD 34, Expires 11/22/10	500	(24,250)
Magnum Hunter Resources Corp., Strike Price USD 5, Expires 11/22/10	400	(6,000)
Massey Energy Co., Strike Price USD 33, Expires 11/22/10	500	(458,750)
Massey Energy Co., Strike Price USD 34, Expires 11/22/10	200	(163,500)
Massey Energy Co., Strike Price USD 38, Expires 11/22/10	1,000	(467,500)
Massey Energy Co., Strike Price USD 39, Expires 11/22/10	500	(193,750)
Massey Energy Co., Strike Price USD 40, Expires 11/22/10	500	(158,750)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Energy and Resources Trust (BGR)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Exchange-Traded Call Options Written (concluded)		
National-Oilwell Varco, Inc., Strike Price USD 39, Expires 11/22/10	300	\$ (450,750)
National-Oilwell Varco, Inc., Strike Price USD 40, Expires 11/22/10	300	(420,750)
National-Oilwell Varco, Inc., Strike Price USD 42, Expires 11/22/10	600	(720,000)
National-Oilwell Varco, Inc., Strike Price USD 43, Expires 11/22/10	200	(217,000)
National-Oilwell Varco, Inc., Strike Price USD 45, Expires 11/22/10	200	(178,000)
Noble Corp., Strike Price USD 34, Expires 12/20/10	350	(75,950)
Occidental Petroleum Corp., Strike Price USD 80, Expires 11/22/10	840	(120,120)
Occidental Petroleum Corp., Strike Price USD 81, Expires 11/02/10	200	(2,900)
Occidental Petroleum Corp., Strike Price USD 82, Expires 11/22/10	400	(33,782)
Occidental Petroleum Corp., Strike Price USD 95, Expires 11/22/10	200	(1,200)
Petrohawk Energy Corp., Strike Price USD 18, Expires 11/22/10	1,000	(36,500)
Petrohawk Energy Corp., Strike Price USD 18, Expires 12/20/10	500	(34,750)
Plains All American Pipeline LP, Strike Price USD 63.50, Expires 1/24/11	706	(51,111)
Schlumberger Ltd., Strike Price USD 60, Expires 11/22/10	500	(503,750)
Schlumberger Ltd., Strike Price USD 62.50, Expires 11/22/10	250	(192,500)
Schlumberger Ltd., Strike Price USD 65, Expires 11/22/10	250	(136,250)
Schlumberger Ltd., Strike Price USD 67.50, Expires 11/22/10	100	(35,000)
Ship Finance International Ltd., Strike Price USD 20, Expires 11/22/10	250	(13,750)
SM Energy Co., Strike Price USD 40, Expires 11/22/10	250	(65,625)
Southwestern Energy Co., Strike Price USD 35.50, Expires 11/05/10	200	(1,966)
Transocean Ltd., Strike Price USD 62.50, Expires 11/22/10	950	(292,125)
Ultra Petroleum Corp., Strike Price USD 43, Expires 11/22/10	300	(19,500)
Ultra Petroleum Corp., Strike Price USD 45, Expires 12/20/10	100	(7,500)
Weatherford International Ltd., Strike Price USD 18, Expires 11/22/10	2,250	(38,250)
Total Exchange-Traded Call Options Written		(7,980,308)
Over-the-Counter Call Options Written (1.1)%		
Alpha Natural Resources, Inc., Strike Price USD 42, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	153,000	(500,674)
Alpha Natural Resources, Inc., Strike Price USD 42.55, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	25,000	(67,708)
Anadarko Petroleum Corp., Strike Price USD 51, Expires 11/19/10, Broker UBS Securities LLC	82,000	(877,565)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Apache Corp., Strike Price USD 90.26, Expires 11/02/10, Broker UBS Securities LLC	32,500	(349,700)
Apache Corp., Strike Price USD 94.85, Expires 11/05/10, Broker JPMorgan Chase Securities	32,500	(202,438)
Apache Corp., Strike Price USD 95.77, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	10,000	(52,822)
Arch Coal, Inc., Strike Price USD 23.05, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	75,000	(121,041)
Arch Coal, Inc., Strike Price USD 23.39, Expires 11/02/10, Broker UBS Securities LLC	50,000	(62,542)
Arch Coal, Inc., Strike Price USD 24.50, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	45,000	(24,210)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

Arch Coal, Inc., Strike Price USD 24.71, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	25,000	\$ (8,669)
Arch Coal, Inc., Strike Price USD 25.06, Expires 11/02/10, Broker UBS Securities LLC	25,000	(5,364)
Brigham Exploration Co., Strike Price USD 16.99, Expires 11/12/10, Broker Morgan Stanley & Co., Inc.	385,000	(1,584,256)
Cabot Oil & Gas Corp., Strike Price USD 30.44, Expires 11/05/10, Broker UBS Securities LLC	30,000	(4,787)
Cabot Oil & Gas Corp., Strike Price USD 32.98, Expires 11/12/10, Broker UBS Securities LLC	24,000	(1,073)
Cabot Oil & Gas Corp., Strike Price USD 34.44, Expires 11/02/10, Broker JPMorgan Chase Securities	20,000	
Cabot Oil & Gas Corp., Strike Price USD 34.73, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	25,000	(5)
Consol Energy, Inc., Strike Price USD 38.91, Expires 11/02/10, Broker UBS Securities LLC	25,000	(757)
Consol Energy, Inc., Strike Price USD 40.55, Expires 11/05/10, Broker JPMorgan Chase Securities	50,000	(1,257)
Consol Energy, Inc., Strike Price USD 42.01, Expires 11/02/10, Broker UBS Securities LLC	25,000	(4)
Consol Energy, Inc., Strike Price USD 42.14, Expires 11/05/10, Broker Credit Suisse First Boston	25,000	(79)
Consol Energy, Inc., Strike Price USD 42.98, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	25,000	(1)
Core Laboratories NV, Strike Price USD 79.96, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	15,500	(5,875)
Core Laboratories NV, Strike Price USD 86.86, Expires 11/15/10, Broker Morgan Stanley & Co., Inc.	14,500	(442)
Crescent Point Energy Corp., Strike Price CAD 37.91, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	31,000	(75,745)
Energy XXI Bermuda Ltd., Strike Price USD 22.50, Expires 11/02/10, Broker UBS Securities LLC	55,000	(17,084)
EOG Resources, Inc., Strike Price USD 106.64, Expires 11/02/10, Broker Credit Suisse First Boston	10,000	(12)
EOG Resources, Inc., Strike Price USD 111.64, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	20,000	
EOG Resources, Inc., Strike Price USD 112.42, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	50,000	(306)
EOG Resources, Inc., Strike Price USD 94.37, Expires 11/02/10, Broker Credit Suisse First Boston	10,000	(21,213)
EQT Corp., Strike Price USD 38.44, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	50,000	(7,093)
EQT Corp., Strike Price USD 39.80, Expires 11/12/10, Broker UBS Securities LLC	25,000	(1,817)
EQT Corp., Strike Price USD 40, Expires 11/02/10, Broker UBS Securities LLC	60,000	(59)
EXCO Resources, Inc., Strike Price USD 15.38, Expires 11/02/10, Broker Credit Suisse First Boston	48,000	(2,763)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

EXCO Resources, Inc., Strike Price USD 16.29, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	50,000	(46)
EXCO Resources, Inc., Strike Price USD 16.36, Expires 11/02/10, Broker JPMorgan Chase Securities	50,000	(61)
EXCO Resources, Inc., Strike Price USD 16.72, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	50,000	(79)
Goldcorp, Inc., Strike Price USD 42.52, Expires 11/02/10, Broker Credit Suisse First Boston	10,000	(21,284)
Goldcorp, Inc., Strike Price USD 45.01, Expires 11/02/10, Broker JPMorgan Chase Securities	20,000	(8,481)
Goldcorp, Inc., Strike Price USD 46.48, Expires 11/05/10, Broker JPMorgan Chase Securities	10,000	(2,007)
Halliburton Co., Strike Price USD 29.66, Expires 11/08/10, Broker UBS Securities LLC	133,000	(316,880)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Energy and Resources Trust (BGR)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Halliburton Co., Strike Price USD 32.61, Expires 11/02/10, Broker UBS Securities LLC	25,000	\$ (7,174)
Magnum Hunter Resources Corp., Strike Price USD 4.31, Expires 11/12/10, Broker UBS Securities LLC	75,000	(37,802)
Magnum Hunter Resources Corp., Strike Price USD 5, Expires 11/29/10, Broker Morgan Stanley & Co., Inc.	60,000	(11,350)
Noble Corp., Strike Price USD 35.11, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	25,381	(4,505)
Noble Corp., Strike Price USD 35.27, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	76,144	(18,614)
Noble Corp., Strike Price USD 37.74, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	25,000	(62)
Nordic American Tanker Shipping, Strike Price USD 28.40, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	80,000	(20)
Nordic American Tanker Shipping, Strike Price USD 29.19, Expires 11/02/10, Broker JPMorgan Chase Securities	10,000	
ONEOK Partners LP, Strike Price USD 79, Expires 12/10/10, Broker UBS Securities LLC	25,000	(19,804)
Peabody Energy Corp., Strike Price USD 47, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	60,000	(354,000)
Peabody Energy Corp., Strike Price USD 47, Expires 11/05/10, Broker JPMorgan Chase Securities	30,000	(177,048)
Peabody Energy Corp., Strike Price USD 48.12, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	90,000	(429,840)
Peabody Energy Corp., Strike Price USD 49.03, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(38,747)
Penn Virginia Corp., Strike Price USD 20.61, Expires 11/02/10, Broker JPMorgan Chase Securities	25,000	
Penn Virginia Corp., Strike Price USD 20.82, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	50,000	(1)
Penn Virginia Corp., Strike Price USD 20.96, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	25,000	
Petrohawk Energy Corp., Strike Price USD 18.40, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	50,000	(2,510)
Petroleo Brasileiro SA - ADR, Strike Price USD 30.80, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	85,000	(61,291)
Petroleo Brasileiro SA - ADR, Strike Price USD 31.70, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	66,000	(16,584)
Petroleo Brasileiro SA - ADR, Strike Price USD 33.37, Expires 11/02/10, Broker Goldman Sachs & Co.	25,000	(406)
Petroleo Brasileiro SA - ADR, Strike Price USD 33.97, Expires 11/05/10, Broker Credit Suisse First Boston	100,000	(1,036)
Petroleum Development Corp., Strike Price USD 29.72, Expires 11/02/10, Broker JPMorgan Chase Securities	61,000	(97,829)
QEP Resources, Inc., Strike Price USD 30.80, Expires 11/02/10, Broker UBS Securities LLC	36,500	(81,395)
QEP Resources, Inc., Strike Price USD 31.39, Expires 11/08/10, Broker UBS Securities LLC	36,500	(61,887)
Range Resources Corp., Strike Price USD 35, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	65,000	(160,129)
Range Resources Corp., Strike Price USD 41.71, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(7)
Range Resources Corp., Strike Price USD 44.10, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	60,000	(8)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Ship Finance International Ltd., Strike Price USD 19.86, Expires 11/02/10, Broker JPMorgan Chase Securities	65,000	(20,792)
Ship Finance International Ltd., Strike Price USD 20.25, Expires 11/12/10, Broker JPMorgan Chase Securities	65,000	(16,665)
Silver Wheaton Corp., Strike Price USD 20.02, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	50,000	(465,000)
Silver Wheaton Corp., Strike Price USD 21.86, Expires 11/02/10, Broker Credit Suisse First Boston	100,000	(688,962)
Silver Wheaton Corp., Strike Price USD 24.04, Expires 11/05/10, Broker JPMorgan Chase Securities	25,000	(117,918)
SM Energy Co., Strike Price USD 46.68, Expires 11/02/10, Broker UBS Securities LLC	10,000	(5)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Southwestern Energy Co., Strike Price USD 39.08, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	75,000	\$ (7)
Southwestern Energy Co., Strike Price USD 40.30, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	35,000	
Southwestern Energy Co., Strike Price USD 42.13, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	25,000	
Technip SA, Strike Price EUR 54.70, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	72,800	(590,623)
Whiting Petroleum Corp., Strike Price USD 100.10, Expires 11/19/10, Broker JPMorgan Chase Securities	45,000	(153,091)
Whiting Petroleum Corp., Strike Price USD 93.46, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	10,000	(70,153)
Whiting Petroleum Corp., Strike Price USD 96.41, Expires 11/05/10, Broker JPMorgan Chase Securities	45,000	(203,913)
Whiting Petroleum Corp., Strike Price USD 96.56, Expires 11/02/10, Broker UBS Securities LLC	40,000	(163,834)
Whiting Petroleum Corp., Strike Price USD 96.58, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(41,080)
Whiting Petroleum Corp., Strike Price USD 98.25, Expires 11/12/10, Broker JPMorgan Chase Securities	45,000	(173,292)
Total Over-the-Counter Call Options Written		(8,633,583)
Over-the-Counter Put Option Written (0.0)%		
Energy XXI Bermuda Ltd., Strike Price USD 17.50, Expires 11/02/10, Broker UBS Securities LLC	60,000	(22)
Total Options Written (Premiums Received \$10,803,311) (2.1)%		(16,613,913)
Total Investments Net of Outstanding Options Written 99.6%		766,678,800
Other Assets Less Liabilities 0.4%		3,296,706
Net Assets 100.0%		\$ 769,975,506

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 677,493,292
Gross unrealized appreciation	\$ 128,842,990
Gross unrealized depreciation	(23,043,569)
Net unrealized appreciation	\$ 105,799,421

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

- (a) Non-income producing security.
- (b) Restricted security as to resale acquired 12/20/07. As of report date the Trust held 0.5% of its net assets, with a current market value of \$4,197,311 and an original cost of \$3,500,003 in these securities.
- (c) Security, or a portion thereof, pledged/held as collateral for outstanding options written.

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

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	18,701,414	(18,701,414)		\$ 28,260
BlackRock Liquidity Series, LLC Money Market Series	5,894,700	(5,894,700)		\$ 15,160

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Energy and Resources Trust (BGR)

Foreign currency exchange contracts as of October 31, 2010 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Depreciation
USD 19,587	CAD 20,000	Morgan Stanley & Co., Inc.	11/01/10	\$ (22)

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

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in				
Securities:				
Common				
Stocks ¹	\$ 761,581,153	\$ 21,711,555		\$ 783,292,708

1 See above Schedule of Investments for values in each industry excluding Level 2, Construction & Engineering and Energy Equipment & Services, within the table.

Derivative Financial Instruments²

Valuation Inputs	Level 1	Level 2	Level 3	Total
------------------	---------	---------	---------	-------

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Assets:			
Equity contracts		\$ 5	\$ 5
Liabilities:			
Equity contracts	\$ (7,890,549)	(8,723,364)	(16,613,913)
Foreign currency exchange contracts		(22)	(22)
Total	\$ (7,890,549)	\$ (8,723,381)	\$ (16,613,930)

² Derivative financial instruments are foreign currency exchange contracts and options. Foreign currency exchange contracts are valued at the unrealized appreciation/depreciation on the instrument and options are shown at value.

See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Austria 0.3%		
Erste Group Bank AG	90,600	\$ 4,093,463
Belgium 0.7%		
Anheuser-Busch InBev NV	139,600	8,767,428
Bermuda 0.4%		
Bunge Ltd.	79,700	4,787,579
Brazil 2.5%		
Banco Bradesco SA, Preference Shares	229,300	4,698,472
Banco Santander Brasil SA - ADR	191,800	2,761,920
BM&FBOVESPA SA	959,344	8,000,646
Cia de Concessoes Rodoviaras	138,500	3,746,986
Cia de Saneamento Basico do Estado de Sao Paulo - ADR	180,600	8,300,376
PDG Realty SA Empreendimentos e Participacoes	339,200	4,199,353
		31,707,753
Canada 4.2%		
Agrium, Inc.	133,400	11,807,234
Canadian Natural Resources Ltd.	152,200	5,550,734
Crescent Point Energy Corp. (b)	133,100	5,272,321
Enbridge, Inc. (b)	99,000	5,475,625
Silver Wheaton Corp. (a)(b)	231,600	6,658,500
Toronto-Dominion Bank (The) (b)	65,500	4,717,105
TransCanada Corp.	277,800	10,260,541
Viterra, Inc. (a)(b)	419,700	4,020,462
		53,762,522
China 1.4%		
China Construction Bank Corp., Class H	7,177,600	6,861,811
China Merchants Bank Co. Ltd., Class H	2,162,300	6,161,377
Want Want China Holdings Ltd.	5,581,500	5,158,874
		18,182,062
Denmark 0.8%		
Carlsberg A/S	58,800	6,428,629
Pandora A/S (a)	85,900	4,168,269
		10,596,898
Finland 0.7%		
Fortum Oyj	188,100	5,334,916
Nokia Oyj - ADR	351,000	3,748,680
		9,083,596

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

France 2.1%

AXA SA	170,900	3,116,707
BNP Paribas	77,880	5,696,604
Cie Generale des Etablissements Michelin, Class B	124,680	9,962,227
PPR	15,200	2,499,998
Unibail-Rodamco SE - REIT	26,500	5,529,161

26,804,697

Germany 6.7%

Bayerische Motoren Werke AG	92,300	6,615,365
Deutsche Boerse AG	48,800	3,433,021
Deutsche Lufthansa AG (a)	482,000	10,303,968
Deutsche Post AG	443,100	8,259,615
Deutsche Telekom AG	509,800	7,385,176
Fresenius Medical Care AG & Co. KGaA (b)	87,700	5,581,527
Kabel Deutschland Holding AG (a)	156,300	7,038,493
Merck KGaA	30,600	2,547,720
Metro AG	94,900	6,650,216
SAP AG - ADR	164,100	8,488,893
Siemens AG	67,100	7,657,146
Volkswagen AG, Preference Shares	84,901	12,730,359

86,691,499

Gibraltar 0.3%

PartyGaming Plc (a)	1,056,500	4,261,058
---------------------	-----------	-----------

Hong Kong 2.7%

AIA Group Ltd. (a)	1,958,400	5,823,721
Cheung Kong Holdings Ltd.	477,300	7,290,361

Common Stocks

Shares

Value

Hong Kong (concluded)

China Resources Enterprise Ltd.	798,800	\$	3,386,138
CNOOC Ltd. - ADR (b)	30,100		6,288,492
Hong Kong Exchanges and Clearing Ltd.	176,700		3,900,414
Longtop Financial Technologies Ltd. - ADR (a)(b)	129,900		4,720,566
Wing Hang Bank Ltd.	283,100		3,316,258

34,725,950

India 0.5%

Punjab National Bank Ltd.	232,500	6,773,097
---------------------------	---------	-----------

Indonesia 0.9%

Adaro Energy PT	27,462,500	6,479,020
Bank Mandiri Tbk PT	6,135,800	4,823,437

11,302,457

Ireland 0.9%

Accenture Plc, Class A (b)	110,500	4,940,455
Coviden Plc (b)	178,000	7,096,860

12,037,315

Israel 0.1%

Teva Pharmaceutical Industries Ltd. - ADR (b)	20,000	1,038,000
---	--------	-----------

Italy 0.4%

Intesa Sanpaolo SpA	1,491,400	5,245,496
---------------------	-----------	-----------

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Japan 5.5%

Canon, Inc.	177,800	8,184,717
Honda Motor Co. Ltd.	321,600	11,593,290
ITOCHU Corp.	1,420,200	12,447,035
Japan Tobacco, Inc.	2,650	8,232,713
JTEKT Corp.	738,300	7,397,042
Marubeni Corp.	1,339,300	8,413,373
Nomura Holdings, Inc.	387,900	1,993,335
Sumitomo Heavy Industries Ltd.	1,125,700	6,398,189
Tokio Marine Holdings, Inc.	203,200	5,713,140
		70,372,834

Malaysia 0.4%

Bumiputra-Commerce Holdings Bhd	2,148,800	5,738,362
---------------------------------	-----------	-----------

Mexico 1.4%

Fomento Economico Mexicano SAB de CV - ADR (b)	96,700	5,309,797
Grupo Mexico SAB de CV, Series B	2,492,200	8,208,437
Grupo Modelo SAB de CV	692,200	3,879,190
		17,397,424

Netherlands 1.2%

Aegon NV (a)	609,100	3,860,356
Corio NV - REIT	44,100	3,241,536
ING Groep NV (a)	389,600	4,168,234
VimpelCom Ltd. - ADR (a)(b)	303,200	4,648,056
		15,918,182

Norway 1.4%

Yara International ASA	331,100	17,458,185
------------------------	---------	------------

Singapore 0.3%

CapitaLand Ltd.	1,066,451	3,216,931
-----------------	-----------	-----------

South Africa 1.1%

Bidvest Group Ltd.	407,900	8,687,928
Naspers Ltd.	94,800	4,972,479
		13,660,407

South Korea 1.6%

Hyundai Engineering & Construction Co. Ltd.	98,900	6,644,782
Kia Motors Corp.	128,100	5,125,471
KT Corp. - ADR	163,800	3,389,022
Samsung Electronics Co. Ltd.	9,200	6,103,518
		21,262,793

Spain 2.0%

Banco Santander SA	694,900	8,919,464
Inditex SA	62,600	5,228,409
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
 (Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Spain (concluded)		
Telefonica SA	441,300	\$ 11,925,100
		26,072,973
Sweden 1.1%		
Nordea Bank AB	560,800	6,174,777
Svenska Cellulosa AB, B Shares	515,900	7,997,983
		14,172,760
Switzerland 2.1%		
ACE Ltd. (b)	65,100	3,868,242
Nestle SA	212,499	11,639,525
Novartis AG, Registered Shares (b)	152,100	8,813,090
Roche Holding AG (b)	21,800	3,201,421
		27,522,278
Taiwan 0.6%		
Siliconware Precision Industries Co. - ADR	495,900	2,767,122
Taiwan Semiconductor Manufacturing Co. Ltd. - ADR	477,000	5,204,070
		7,971,192
Thailand 1.2%		
Bangkok Bank PCL	849,700	4,388,458
Banpu PCL	440,900	11,415,056
		15,803,514
United Kingdom 8.9%		
Afren Plc (a)	3,500,934	7,259,008
Barclays Plc - ADR (b)	371,000	6,548,150
GlaxoSmithKline Plc	307,236	5,999,592
HSBC Holdings Plc	892,430	9,288,142
Intercontinental Hotels Group Plc	345,600	6,674,645
Invensys Plc	2,104,700	9,723,034
Kazakhmys Plc	410,500	8,649,771
Royal Dutch Shell Plc - ADR	345,200	22,413,836
Tullow Oil Plc	370,900	7,044,589
Unilever Plc	207,100	5,970,817
Vodafone Group Plc - ADR	396,700	10,913,217
WPP Plc	622,600	7,235,210
Xstrata Plc	383,600	7,431,630
		115,151,641
United States 42.2%		
Abbott Laboratories (b)	159,600	8,190,672
Aetna, Inc. (b)	55,500	1,657,230

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Allergan, Inc. (b)	94,400	6,835,504
American Electric Power Co., Inc. (b)	259,900	9,730,656
Amerprise Financial, Inc. (b)	127,100	6,569,799
AMR Corp. (a)	667,800	5,262,264
Apple, Inc. (a)(b)	52,100	15,675,327
Applied Materials, Inc.	382,300	4,725,228
Arch Coal, Inc.	384,400	9,452,396
AT&T Inc. (b)	369,200	10,522,200
Avon Products, Inc. (b)	187,700	5,715,465
Baxter International, Inc. (b)	152,700	7,772,430
Becton, Dickinson and Co. (b)	60,500	4,568,960
Bemis Co., Inc.	199,100	6,323,416
Boston Scientific Corp. (a)	511,500	3,263,370
Bristol-Myers Squibb Co. (b)	232,600	6,256,940
CareFusion Corp. (a)(b)	102,600	2,476,764
Celgene Corp. (a)(b)	113,200	7,026,324
Cisco Systems, Inc. (a)	446,200	10,186,746
Citigroup, Inc. (a)	1,171,700	4,885,989
Colgate-Palmolive Co. (b)	130,400	10,056,448
Comerica, Inc. (b)	161,000	5,760,580
ConAgra Foods, Inc. (b)	271,200	6,099,288
ConocoPhillips (b)	257,200	15,277,680
Corning, Inc. (b)	340,700	6,227,996
CVS Caremark Corp. (b)	134,100	4,039,092
Darden Restaurants, Inc. (b)	141,700	6,477,107

Common Stocks

	Shares	Value
United States (concluded)		
Delta Air Lines, Inc. (a)(b)	418,000	\$ 5,806,020
eBay, Inc. (a)(b)	232,000	6,915,920
Edison International	215,900	7,966,710
EMC Corp. (a)(b)	420,700	8,838,907
Entergy Corp. (b)	89,900	6,700,247
Federal Realty Investment Trust - REIT (b)	82,000	6,722,360
Freeport-McMoRan Copper & Gold, Inc. (b)	52,300	4,951,764
Genzyme Corp. (a)(b)	62,600	4,515,338
Goldman Sachs Group, Inc. (The) (b)	39,600	6,373,620
Goodrich Corp. (b)	124,600	10,225,922
Google, Inc., Class A (a)(b)	15,800	9,685,242
Henry Schein, Inc. (a)(b)	76,600	4,301,090
Hewlett-Packard Co. (b)	128,200	5,392,092
Huntsman Corp.	691,400	9,575,890
Intel Corp. (b)	230,700	4,630,149
International Business Machines Corp. (b)	79,500	11,416,200
JetBlue Airways Corp. (a)	794,000	5,542,120
Johnson & Johnson (b)	151,300	9,633,271
JPMorgan Chase & Co. (b)	191,400	7,202,382
KeyCorp (b)	450,700	3,691,233
Kohl's Corp. (a)	106,800	5,468,160
Liberty Global, Inc., Class A (a)	223,700	8,453,623
Lincoln National Corp.	156,600	3,833,568
Microsoft Corp. (b)	377,700	10,061,928
Mosaic Co. (The) (b)	163,600	11,968,976
Newmont Mining Corp.	209,100	12,727,917
News Corp., Class A	456,500	6,600,990
NII Holdings, Inc. (a)	109,600	4,582,376
Nike, Inc. (b)	84,800	6,906,112
Occidental Petroleum Corp. (b)	91,000	7,155,330
Oracle Corp. (b)	255,800	7,520,520
Peabody Energy Corp. (b)	200,700	10,617,030
PepsiCo, Inc.	183,200	11,962,960
Pfizer, Inc. (b)	843,600	14,678,640
PPL Corp. (b)	219,200	5,896,480
Quest Diagnostics, Inc.	63,000	3,095,820
Qwest Communications International, Inc. (b)	894,900	5,906,340
Sonoco Products Co.	189,900	6,361,650

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Sprint Nextel Corp. (a)(b)	820,000	3,378,400
Stanley Black & Decker, Inc. (b)	102,900	6,376,713
Stryker Corp.	38,100	1,885,569
T. Rowe Price Group, Inc.	52,900	2,923,783
Target Corp. (b)	97,100	5,043,374
Texas Instruments, Inc. (b)	220,500	6,520,185
Thermo Fisher Scientific, Inc. (a)	84,500	4,344,990
U.S. Bancorp (b)	259,100	6,265,038
United Parcel Service, Inc., Class B	131,200	8,835,008
UnitedHealth Group, Inc. (b)	126,200	4,549,510
Urban Outfitters, Inc. (a)	93,700	2,883,149
WellPoint, Inc. (a)	45,200	2,456,168
Wells Fargo & Co. (b)	244,500	6,376,560
Yum! Brands, Inc. (b)	161,800	8,018,808

544,778,023

Total Long-Term Investments (Cost \$1,153,511,108) 96.6%	1,246,358,369
---	----------------------

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (c)(d)	42,426,566	42,426,566
---	------------	------------

Total Short-Term Securities (Cost \$42,426,566) 3.3%	42,426,566
---	-------------------

Total Investments Before Outstanding Options Written (Cost \$1,195,937,674*) 99.9%	1,288,784,935
---	----------------------

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Exchange-Traded Call Options Written (0.9)%		
Abbott Laboratories, Strike Price USD 52.50, Expires 11/22/10	880	\$ (31,680)
Accenture Plc, Strike Price USD 45, Expires 11/22/10	610	(42,700)
ACE Ltd., Strike Price USD 55, Expires 11/22/10	475	(216,125)
Aetna, Inc., Strike Price USD 32, Expires 11/22/10	555	(14,985)
Allergan, Inc., Strike Price USD 70, Expires 11/22/10	520	(179,400)
American Electric Power Co., Inc., Strike Price USD 36, Expires 11/22/10	480	(70,800)
American Electric Power Co., Inc., Strike Price USD 37.45, Expires 12/13/10	495	(24,750)
Ameriprise Financial, Inc., Strike Price USD 48, Expires 11/22/10	920	(363,400)
Apple, Inc., Strike Price USD 250, Expires 11/22/10	285	(1,466,382)
AT&T Inc., Strike Price USD 29, Expires 11/22/10	460	(10,120)
Avon Products, Inc., Strike Price USD 34, Expires 11/22/10	1,030	(46,350)
Barclays Plc - ADR, Strike Price USD 20, Expires 11/22/10	2,040	(15,300)
Baxter International, Inc., Strike Price USD 49, Expires 11/22/10	400	(92,200)
Baxter International, Inc., Strike Price USD 50, Expires 11/22/10	400	(62,000)
Becton, Dickinson and Co., Strike Price USD 75, Expires 11/22/10	235	(42,300)
Bristol-Myers Squibb Co., Strike Price USD 28, Expires 11/22/10	70	(525)
CareFusion Corp., Strike Price USD 25, Expires 11/22/10	565	(24,012)
Celgene Corp., Strike Price USD 56, Expires 11/02/10	625	(379,477)
CNOOC Ltd. - ADR, Strike Price USD 170, Expires 11/22/10	165	(642,180)
Colgate-Palmolive Co., Strike Price USD 80, Expires 11/22/10	715	(26,813)
Comerica, Inc., Strike Price USD 38, Expires 11/22/10	900	(25,200)
ConAgra Foods, Inc., Strike Price USD 22.15, Expires 11/04/10	1,060	(43,565)
ConocoPhillips, Strike Price USD 55, Expires 11/22/10	2	(930)
ConocoPhillips, Strike Price USD 57.50, Expires 11/22/10	267	(67,818)
ConocoPhillips, Strike Price USD 61.45, Expires 12/10/10	1,265	(108,485)
Corning, Inc., Strike Price USD 18, Expires 11/22/10	1,250	(105,625)
Corning, Inc., Strike Price USD 19, Expires 11/22/10	1,500	(58,500)
Coviden Plc, Strike Price USD 40, Expires 11/22/10	340	(34,000)
Crescent Point Energy Corp., Strike Price CAD 42, Expires 1/24/11	340	(19,169)
CVS Caremark Corp., Strike Price USD 30, Expires 11/22/10	735	(69,458)
Darden Restaurants, Inc., Strike Price USD 47, Expires 12/20/10	390	(48,750)
Darden Restaurants, Inc., Strike Price USD 48, Expires 12/20/10	390	(34,125)
Delta Air Lines, Inc., Strike Price USD 13, Expires 12/20/10	1,150	(164,450)
eBay, Inc., Strike Price USD 25, Expires 11/15/10	1,935	(937,709)
EMC Corp., Strike Price USD 22, Expires 11/22/10	400	(9,200)
Enbridge, Inc., Strike Price CAD 56, Expires 12/20/10	320	(37,965)
Entergy Corp., Strike Price USD 80, Expires 12/20/10	500	(7,500)
Federal Realty Investment Trust - REIT, Strike Price USD 80, Expires 11/22/10	450	(144,000)
Fomento Economico Mexicano SAB de CV - ADR, Strike Price USD 52, Expires 11/08/10	110	(32,923)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Freeport-McMoRan Copper & Gold, Inc., Strike Price USD 72.50, Expires 11/22/10	220	(493,350)
Freeport-McMoRan Copper & Gold, Inc., Strike Price USD 80, Expires 11/22/10	125	(190,000)
Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 45, Expires 11/19/10	185	(33,576)
Genzyme Corp., Strike Price USD 72.10, Expires 11/22/10	345	(40,138)
Goldman Sachs Group, Inc. (The), Strike Price USD 165, Expires 1/24/11	220	(136,950)
Goodrich Corp., Strike Price USD 75, Expires 11/22/10	685	(496,625)
Google, Inc., Strike Price USD 490, Expires 11/02/10	25	(309,285)
Google, Inc., Strike Price USD 500, Expires 11/02/10	62	(704,940)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

Henry Schein, Inc., Strike Price USD 60, Expires 11/22/10	420	\$ (12,600)
Hewlett-Packard Co., Strike Price USD 40, Expires 11/22/10	705	(169,200)
Intel Corp., Strike Price USD 19.25, Expires 11/22/10	1,270	(119,807)
International Business Machines Corp., Strike Price USD 135, Expires 11/22/10	230	(200,675)
Johnson & Johnson, Strike Price USD 60, Expires 11/05/10	450	(168,300)
Johnson & Johnson, Strike Price USD 62.50, Expires 11/22/10	380	(61,370)
JPMorgan Chase & Co., Strike Price USD 41, Expires 11/22/10	525	(4,462)
JPMorgan Chase & Co., Strike Price USD 42, Expires 11/22/10	525	(1,837)
KeyCorp, Strike Price USD 9, Expires 11/22/10	2,470	(14,820)
Longtop Financial Technologies Ltd. - ADR, Strike Price USD 40, Expires 11/22/10	715	(25,025)
Microsoft Corp., Strike Price USD 26, Expires 11/22/10	1,670	(159,485)
Mosaic Co. (The), Strike Price USD 62.50, Expires 11/22/10	320	(353,600)
Mosaic Co. (The), Strike Price USD 65, Expires 11/22/10	320	(281,600)
Nike, Inc., Strike Price USD 80, Expires 11/22/10	460	(107,180)
Novartis AG, Strike Price CHF 56, Expires 11/19/10	360	(60,302)
Occidental Petroleum Corp., Strike Price USD 80, Expires 11/22/10	500	(71,500)
Oracle Corp., Strike Price USD 28, Expires 11/22/10	150	(24,150)
Peabody Energy Corp., Strike Price USD 55, Expires 11/22/10	235	(18,917)
Pfizer, Inc., Strike Price USD 18, Expires 11/22/10	1,070	(13,375)
PPL Corp., Strike Price USD 27.50, Expires 11/02/10	1,200	(4,128)
Qwest Communications International, Inc., Strike Price USD 5.50, Expires 11/18/10	6,567	(722,370)
Roche Holding AG, Strike Price CHF 150, Expires 11/19/10	120	(9,777)
Silver Wheaton Corp., Strike Price USD 26, Expires 11/22/10	400	(126,000)
Silver Wheaton Corp., Strike Price USD 27, Expires 11/22/10	405	(97,200)
Sprint Nextel Corp., Strike Price USD 5, Expires 11/22/10	8,200	(28,700)
Stanley Black & Decker, Inc., Strike Price USD 62.50, Expires 11/22/10	565	(74,863)
Target Corp., Strike Price USD 52.50, Expires 11/22/10	320	(28,960)
Teva Pharmaceutical Industries Ltd. - ADR, Strike Price USD 55, Expires 11/22/10	190	(3,800)
Texas Instruments, Inc., Strike Price USD 26, Expires 11/22/10	12	(4,350)
Texas Instruments, Inc., Strike Price USD 30, Expires 12/20/10	1,200	(107,400)
Toronto-Dominion Bank (The), Strike Price CAD 76, Expires 11/22/10	360	(6,883)
U.S. Bancorp, Strike Price USD 23, Expires 11/22/10	1,425	(200,925)
UnitedHealth Group, Inc., Strike Price USD 37, Expires 11/22/10	250	(14,750)
VimpelCom Ltd. - ADR, Strike Price USD 15, Expires 11/22/10	1,660	(112,050)
Viterra, Inc., Strike Price CAD 9, Expires 11/22/10	2,300	(186,048)
Wells Fargo & Co., Strike Price USD 27, Expires 11/22/10	1,350	(48,600)
Yum! Brands, Inc., Strike Price USD 47, Expires 11/22/10	1,070	(297,995)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Total Exchange-Traded Call Options Written (12,048,739)

Exchange-Traded Put Options Written (0.0)%

Petroleo Brasileiro SA - ADR, Strike Price USD 34, Expires 11/22/10	1,760	(211,200)
Qwest Communications International, Inc., Strike Price USD 5, Expires 11/18/10	6,567	(6)
Sprint Nextel Corp., Strike Price USD 4, Expires 11/22/10	8,200	(73,800)
Xstrata Plc, Strike Price GBP 11, Expires 11/19/10	90	(27,420)

Total Exchange-Traded Put Options Written (312,426)

Over-the-Counter Call Options Written (2.0)%

Aegon NV, Strike Price EUR 4.62, Expires 11/16/10, Broker Credit Suisse First Boston	336,000	(32,858)
Afren Plc, Strike Price GBP 1.18, Expires 11/16/10, Broker Credit Suisse First Boston	999,700	(193,731)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Afren Plc, Strike Price GBP 1.19, Expires 12/01/10, Broker Credit Suisse First Boston	999,700	\$ (206,883)
Agrium, Inc., Strike Price USD 74.79, Expires 11/02/10, Broker JPMorgan Chase Securities	73,000	(1,001,626)
American Electric Power Co., Inc., Strike Price USD 36.08, Expires 11/15/10, Broker Morgan Stanley & Co., Inc.	45,500	(61,880)
AMR Corp., Strike Price USD 6.63, Expires 11/08/10, Broker JPMorgan Chase Securities	367,000	(462,971)
Anheuser-Busch InBev NV, Strike Price EUR 42.84, Expires 11/11/10, Broker UBS Securities LLC	76,700	(258,976)
Applied Materials, Inc., Strike Price USD 10.99, Expires 11/08/10, Broker JPMorgan Chase Securities	210,000	(286,923)
Arch Coal, Inc., Strike Price USD 24.50, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	93,000	(50,035)
Arch Coal, Inc., Strike Price USD 25.06, Expires 11/02/10, Broker UBS Securities LLC	30,000	(6,437)
Arch Coal, Inc., Strike Price USD 27.78, Expires 11/04/10, Broker UBS Securities LLC	98,000	(161)
AT&T Inc., Strike Price USD 28.85, Expires 11/02/10, Broker UBS Securities LLC	157,000	(7,165)
AXA SA, Strike Price EUR 12.88, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	82,700	(45,562)
AXA SA, Strike Price EUR 13.52, Expires 11/04/10, Broker Credit Suisse First Boston	11,300	(1,555)
Banco Bradesco SA, Preference Shares, Strike Price BRL 32.75, Expires 12/02/10, Broker Morgan Stanley & Co., Inc.	126,000	(180,756)
Banco Santander Brasil SA - ADR, Strike Price USD 13.19, Expires 11/02/10, Broker JPMorgan Chase Securities	51,000	(61,588)
Banco Santander Brasil SA - ADR, Strike Price USD 13.39, Expires 11/02/10, Broker JPMorgan Chase Securities	55,000	(55,706)
Banco Santander SA, Strike Price EUR 10.34, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	382,200	(3,084)
Bank Mandiri Tbk PT, Strike Price IDR 7,202.89, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	3,374,500	(34,757)
Bayerische Motoren Werke AG, Strike Price EUR 48.18, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	57,900	(281,591)
Becton, Dickinson and Co., Strike Price USD 75.24, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	23,000	(38,638)
Becton, Dickinson and Co., Strike Price USD 76.89, Expires 12/01/10, Broker JPMorgan Chase Securities	14,000	(13,672)
Bemis Co., Inc., Strike Price USD 31.21, Expires 11/04/10, Broker Citigroup Global Markets, Inc.	109,000	(77,418)
Bidvest Group Ltd., Strike Price ZAR 148.06, Expires 12/01/10, Broker Deutsche Bank Securities Corp.	224,000	(129,421)
BM&FBovespa SA, Strike Price BRL 14.28, Expires 12/02/10, Broker Credit Suisse First Boston	217,400	(63,900)
BM&FBovespa SA, Strike Price BRL 14.64, Expires 11/08/10, Broker Credit Suisse First Boston	114,000	(8,454)
BM&FBovespa SA, Strike Price BRL 14.76, Expires 12/02/10, Broker Citigroup Global Markets, Inc.	81,000	(15,013)
BM&FBovespa SA, Strike Price BRL 15.72, Expires 12/02/10, Broker Goldman Sachs & Co.	115,000	(7,138)
	42,900	(38,503)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

BNP Paribas, Strike Price EUR 54.84, Expires 11/16/10, Broker Citigroup Global Markets, Inc.		
Bristol-Myers Squibb Co., Strike Price USD 26.93, Expires 11/02/10, Broker JPMorgan Chase Securities	40,000	(8,992)
Bristol-Myers Squibb Co., Strike Price USD 27, Expires 11/02/10, Broker UBS Securities LLC	161,000	(21,139)
Bunge Ltd., Strike Price USD 58.89, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	43,900	(92,878)
Canadian Natural Resources Ltd., Strike Price USD 32.98, Expires 11/02/10, Broker UBS Securities LLC	80,000	(279,200)
Canadian Natural Resources Ltd., Strike Price USD 33.97, Expires 11/02/10, Broker Credit Suisse First Boston	47,000	(117,969)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

Canon, Inc., Strike Price JPY 3,962.10, Expires 12/01/10, Broker JPMorgan Chase Securities	97,800	\$ (60,981)
CapitaLand Ltd., Strike Price SGD 4.14, Expires 11/09/10, Broker Deutsche Bank Securities Corp.	587,000	(136)
Carlsberg A/S, Strike Price DKK 573.43, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	35,000	(145,407)
Cheung Kong Holdings Ltd., Strike Price HKD 123.91, Expires 12/01/10, Broker JPMorgan Chase Securities	263,000	(66,860)
China Construction Bank Corp., Strike Price HKD 6.87, Expires 11/09/10, Broker Credit Suisse First Boston	3,948,000	(277,983)
China Merchants Bank Co. Ltd., Strike Price HKD 23.46, Expires 12/01/10, Broker Goldman Sachs & Co.	1,189,500	(41,820)
Cia de Concessoes Rodoviaras, Strike Price BRL 47.46, Expires 12/03/10, Broker Morgan Stanley & Co., Inc.	76,200	(59,911)
Cia de Saneamento Basico do Estado de Sao Paulo - ADR, Strike Price USD 44.55, Expires 12/02/10, Broker Morgan Stanley & Co., Inc.	100,000	(217,132)
Cie Generale des Etablissements Michelin, Strike Price EUR 57.86, Expires 11/16/10, Broker Morgan Stanley & Co., Inc.	60,028	(97,519)
CIMB Group Holdings Bhd, Strike Price MYR 8.30, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	1,611,000	(41,080)
Cisco Systems, Inc., Strike Price USD 22.95, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	245,500	(67,822)
Citigroup, Inc., Strike Price USD 3.82, Expires 11/12/10, Broker JPMorgan Chase Securities	295,000	(104,091)
Citigroup, Inc., Strike Price USD 4, Expires 11/12/10, Broker JPMorgan Chase Securities	175,000	(34,807)
Citigroup, Inc., Strike Price USD 4.11, Expires 11/04/10, Broker JPMorgan Chase Securities	174,500	(16,267)
CNOOC Ltd. - ADR, Strike Price USD 216.80, Expires 11/19/10, Broker JPMorgan Chase Securities	13,600	(45,685)
ConAgra Foods, Inc., Strike Price USD 22.05, Expires 11/12/10, Broker UBS Securities LLC	43,000	(24,176)
Corio NV - REIT, Strike Price EUR 47.44, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	24,300	(183,042)
Coviden Ltd., Strike Price USD 41.72, Expires 11/24/10, Broker Credit Suisse First Boston	52,000	(23,044)
Crescent Point Energy Corp., Strike Price CAD 37.91, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	39,000	(95,292)
Delta Air Lines, Inc., Strike Price USD 11.68, Expires 11/15/10, Broker JPMorgan Chase Securities	115,000	(255,630)
Deutsche Boerse AG, Strike Price EUR 52.25, Expires 11/11/10, Broker UBS Securities LLC	26,900	(12,600)
Deutsche Lufthansa AG, Strike Price EUR 13.60, Expires 11/11/10, Broker UBS Securities LLC	141,500	(355,658)
Deutsche Lufthansa AG, Strike Price EUR 13.68, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	128,800	(309,470)
Deutsche Post AG, Strike Price EUR 12.93, Expires 11/11/10, Broker Credit Suisse First Boston	243,700	(178,163)
Deutsche Telekom AG, Strike Price EUR 10.25, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	280,000	(86,728)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Edison International, Strike Price USD 35, Expires 11/02/10, Broker JPMorgan Chase Securities	120,000	(228,000)
EMC Corp., Strike Price USD 19.13, Expires 11/08/10, Broker JPMorgan Chase Securities	190,000	(359,609)
Enbridge, Inc., Strike Price CAD 54.62, Expires 11/19/10, Broker Deutsche Bank Securities Corp.	22,400	(41,669)
Erste Group Bank AG, Strike Price EUR 29.45, Expires 11/11/10, Broker Credit Suisse First Boston	49,800	(209,327)
Fomento Economico Mexicano SAB de CV - ADR, Strike Price USD 50.43, Expires 11/08/10, Broker Goldman Sachs & Co.	21,000	(94,290)
Fomento Economico Mexicano SAB de CV - ADR, Strike Price USD 52, Expires 11/05/10, Broker Credit Suisse First Boston	21,000	(61,859)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Fortum Oyj, Strike Price EUR 19.54, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	103,500	\$ (122,421)
Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 45.78, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	30,300	(17,957)
GlaxoSmithKline Plc, Strike Price GBP 13.08, Expires 11/02/10, Broker Citigroup Global Markets, Inc.	152,000	(89)
Grupo Mexico SAB de CV, Strike Price MXN 40.46, Expires 12/14/10, Broker UBS Securities LLC	1,370,700	(182,960)
Grupo Modelo SAB de CV, Strike Price MXN 69.69, Expires 12/03/10, Broker Citigroup Global Markets, Inc.	190,400	(26,221)
Grupo Modelo SAB de CV, Strike Price MXN 70.04, Expires 12/14/10, Broker Citigroup Global Markets, Inc.	190,400	(28,506)
Honda Motor Co. Ltd., Strike Price JPY 3,081.63, Expires 11/09/10, Broker Goldman Sachs & Co.	183,400	(15,043)
Hong Kong Exchanges and Clearing Ltd., Strike Price HKD 175.44, Expires 12/01/10, Broker JPMorgan Chase Securities	97,200	(66,429)
HSBC Holdings Plc, Strike Price GBP 6.74, Expires 11/30/10, Broker Credit Suisse First Boston	128,000	(15,388)
HSBC Holdings Plc, Strike Price GBP 6.90, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	363,000	(5,627)
Huntsman Corp., Strike Price USD 11.95, Expires 11/30/10, Broker JPMorgan Chase Securities	380,000	(783,400)
Hyundai Engineering & Construction Co. Ltd., Strike Price KRW 75,739.30, Expires 12/01/10, Broker Deutsche Bank Securities Corp.	54,400	(122,774)
Inditex SA, Strike Price EUR 59.18, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	34,500	(71,601)
ING Groep NV, Strike Price EUR 7.68, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	214,300	(60,908)
Intercontinental Hotels Group Plc, Strike Price GBP 10.64, Expires 11/03/10, Broker Credit Suisse First Boston	190,000	(431,648)
International Business Machines Corp., Strike Price USD 141, Expires 12/09/10, Broker UBS Securities LLC	21,000	(95,729)
Intesa Sanpaolo SpA, Strike Price EUR 2.44, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	687,500	(105,947)
Intesa Sanpaolo SpA, Strike Price EUR 2.49, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	132,800	(13,528)
Invensys Plc, Strike Price GBP 3.04, Expires 12/01/10, Broker UBS Securities LLC	1,150,000	(92,264)
ITOCHU Corp., Strike Price JPY 762.84, Expires 11/09/10, Broker Goldman Sachs & Co.	781,100	(9,767)
Japan Tobacco, Inc., Strike Price JPY 254,015.62, Expires 12/01/10, Broker JPMorgan Chase Securities	1,460	(117,888)
JetBlue Airways Corp., Strike Price USD 6.88, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	437,000	(130,825)
JTEKT Corp., Strike Price JPY 745.59, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	406,000	(308,399)
Kabel Deutschland Holding AG, Strike Price EUR 29.32, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	31,500	(133,466)
Kabel Deutschland Holding AG, Strike Price EUR 29.47, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	31,500	(129,723)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Kabel Deutschland Holding AG, Strike Price EUR 30.30, Expires 12/07/10, Broker UBS Securities LLC	23,000	(72,346)
Kazakhmys Plc, Strike Price GBP 14.31, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	225,800	(24,175)
Kohl s Corp., Strike Price USD 48.06, Expires 11/02/10, Broker JPMorgan Chase Securities	56,000	(176,431)
KT Corp. - ADR, Strike Price USD 21.75, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	45,000	(10,384)
Liberty Global, Inc., Strike Price USD 31.20, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	123,000	(817,732)
Lincoln National Corp., Strike Price USD 22.53, Expires 11/02/10, Broker Citigroup Global Markets, Inc.	81,000	(158,912)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

Marubeni Corp., Strike Price JPY 483.89, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	737,000	\$ (227,036)
Merck KGaA, Strike Price EUR 71.16, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	16,900	
Metro AG, Strike Price EUR 48.39, Expires 11/16/10, Broker Credit Suisse First Boston	66,500	(187,022)
Microsoft Corp., Strike Price USD 25.78, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	40,000	(37,733)
Mosaic Co. (The), Strike Price USD 61.55, Expires 11/09/10, Broker UBS Securities LLC	65,500	(761,880)
Naspers Ltd., Strike Price ZAR 324.31, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	68,500	(425,284)
Nestle SA, Strike Price CHF 54.97, Expires 11/03/10, Broker UBS Securities LLC	116,900	(4,326)
Newmont Mining Corp., Strike Price USD 59.67, Expires 11/04/10, Broker JPMorgan Chase Securities	115,000	(193,959)
News Corp., Strike Price USD 13.37, Expires 11/15/10, Broker Citigroup Global Markets, Inc.	125,500	(142,367)
News Corp., Strike Price USD 13.44, Expires 11/15/10, Broker Citigroup Global Markets, Inc.	125,500	(134,411)
NII Holdings, Inc., Strike Price USD 43.16, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	60,000	(33,209)
Nokia Oyj - ADR, Strike Price USD 9.18, Expires 11/02/10, Broker UBS Securities LLC	255,000	(382,500)
Nordea Bank AB, Strike Price SEK 70.42, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	308,500	(154,691)
Novartis AG, Strike Price CHF 57.32, Expires 11/16/10, Broker UBS Securities LLC	48,200	(31,185)
Oracle Corp., Strike Price USD 23.28, Expires 11/02/10, Broker Credit Suisse First Boston	70,000	(428,260)
Oracle Corp., Strike Price USD 23.66, Expires 11/05/10, Broker Credit Suisse First Boston	75,000	(430,500)
PartyGaming Plc, Strike Price GBP 2.99, Expires 11/11/10, Broker Deutsche Bank Securities Corp.	581,000	(3,216)
PDG Realty SA Empreendimentos e Participacoes, Strike Price BRL 21.56, Expires 12/02/10, Broker Deutsche Bank Securities Corp.	118,400	(44,321)
PDG Realty SA Empreendimentos e Participacoes, Strike Price BRL 22.37, Expires 12/02/10, Broker Goldman Sachs & Co.	68,200	(15,039)
Peabody Energy Corp., Strike Price USD 49.57, Expires 11/05/10, Broker JPMorgan Chase Securities	87,000	(293,689)
PepsiCo, Inc., Strike Price USD 66.50, Expires 11/02/10, Broker Citigroup Global Markets, Inc.	100,000	(5,071)
Pfizer, Inc., Strike Price USD 16.30, Expires 11/08/10, Broker JPMorgan Chase Securities	54,500	(60,691)
Pfizer, Inc., Strike Price USD 17.50, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	308,000	(51,652)
Quest Diagnostics, Inc., Strike Price USD 51.51, Expires 11/24/10, Broker Credit Suisse First Boston	34,500	(27,465)
Royal Dutch Shell Plc - ADR, Strike Price USD 56.86, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	152,000	(1,226,032)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Royal Dutch Shell Plc - ADR, Strike Price USD 61.36, Expires 11/30/10, Broker UBS Securities LLC	38,000	(135,660)
Samsung Electronics Co. Ltd., Strike Price KRW 763,466.99, Expires 12/01/10, Broker JPMorgan Chase Securities	5,000	(53,087)
SAP AG - ADR, Strike Price USD 46, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	90,000	(515,700)
Siemens AG, Strike Price EUR 77.85, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	36,900	(239,952)
Siliconware Precision Industries Co. - ADR, Strike Price USD 5.47, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	100,000	(17,724)

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Siliconware Precision Industries Co. - ADR, Strike Price USD 5.65, Expires 12/06/10, Broker Morgan Stanley & Co., Inc.	173,000	\$ (39,659)
Silver Wheaton Corp., Strike Price USD 21.86, Expires 11/02/10, Broker Credit Suisse First Boston	150,000	(1,033,443)
Sonoco Products Co., Strike Price USD 33.09, Expires 11/10/10, Broker JPMorgan Chase Securities	55,000	(41,979)
Sonoco Products Co., Strike Price USD 33.48, Expires 11/24/10, Broker UBS Securities LLC	49,500	(33,358)
Sumitomo Heavy Industries Ltd., Strike Price JPY 458.73, Expires 11/09/10, Broker Goldman Sachs & Co.	620,000	(97,670)
Svenska Cellulosa AB, Strike Price SEK 104.03, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	283,800	(69,596)
Taiwan Semiconductor Manufacturing Co. Ltd. - ADR, Strike Price USD 10.46, Expires 11/30/10, Broker UBS Securities LLC	286,000	(160,661)
Telefonica SA, Strike Price EUR 18.32, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	193,500	(295,191)
Telefonica SA, Strike Price EUR 19.75, Expires 11/29/10, Broker Credit Suisse First Boston	50,000	(19,823)
Thermo Fisher Scientific, Inc., Strike Price USD 44.98, Expires 11/04/10, Broker JPMorgan Chase Securities	46,500	(299,462)
Tokio Marine Holdings, Inc., Strike Price JPY 2,475.30, Expires 12/01/10, Broker Goldman Sachs & Co.	111,800	(17,971)
TransCanada Corp., Strike Price CAD 38.49, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	76,500	(7,760)
Tullow Oil Plc, Strike Price GBP 12.96, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	111,800	(9,584)
Tullow Oil Plc, Strike Price GBP 13.19, Expires 11/11/10, Broker Credit Suisse First Boston	215,000	(5,902)
Unibail-Rodamco SE - REIT, Strike Price EUR 141.92, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	22,674	(265,352)
Unilever Plc, Strike Price GBP 18.21, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	130,000	(40,282)
United Parcel Service, Inc., Strike Price USD 65, Expires 11/16/10, Broker Goldman Sachs & Co.	30,000	(79,328)
United Parcel Service, Inc., Strike Price USD 66.71, Expires 11/09/10, Broker JPMorgan Chase Securities	42,000	(53,030)
Urban Outfitters, Inc., Strike Price USD 34.95, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	51,500	(958)
Vodafone Group Plc - ADR, Strike Price USD 24.15, Expires 11/02/10, Broker JPMorgan Chase Securities	220,000	(738,408)
Volkswagen AG, Preference Shares, Strike Price EUR 90.49, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	46,700	(1,156,649)
Want Want China Holdings Ltd., Strike Price HKD 7.42, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	3,070,000	(19,716)
WellPoint, Inc., Strike Price USD 50.88, Expires 11/02/10, Broker JPMorgan Chase Securities	25,000	(87,124)
Wing Hang Bank Ltd., Strike Price HKD 94.87, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	155,500	(12,931)
WPP Plc, Strike Price GBP 7.18, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	342,400	(95,707)
Xstrata Plc, Strike Price GBP 12.05, Expires 11/11/10, Broker UBS Securities LLC	190,000	(130,775)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Xstrata Plc, Strike Price GBP 13.28, Expires 12/07/10, Broker Morgan Stanley & Co., Inc.	19,000	(7,507)
Yara International ASA, Strike Price NOK 266.30, Expires 11/03/10, Broker Deutsche Bank Securities Corp.	182,000	(1,322,201)

Total Over-the-Counter Call Options Written (24,696,815)

Options Written	Contracts	Value
Over-the-Counter Put Options Written (0.0)%		
KT Corp. - ADR, Strike Price USD 20.75, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	45,000	\$ (34,224)
Total Options Written (Premiums Received \$21,784,193) (2.9)%		(37,092,204)
Total Investments Net of Outstanding Options Written 97.0%		1,251,692,731
Other Assets Less Liabilities 3.0%		38,412,107
Net Assets 100.0%		\$ 1,290,104,838

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$	1,209,309,720
Gross unrealized appreciation	\$	104,656,186
Gross unrealized depreciation		(25,180,971)
Net unrealized appreciation	\$	79,475,215

- (a) Non-income producing security.
- (b) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (c) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	5,139,633	37,286,933	42,426,566	\$80,312
BlackRock Liquidity Series, LLC Money Market Series	7,602,800	(7,602,800)		\$ 6,566

(d) Represents current yield as of report date.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

See Notes to Financial Statements.

40

ANNUAL REPORT

OCTOBER 31, 2010

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)

Foreign currency exchange contracts as of October 31, 2010 were as follows:

Currency Purchased		Currency Sold		Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
HKD	4,889,000	USD	630,432	Citigroup Global Markets	11/02/10	\$ 305
USD	21,546	CAD	22,000	Citigroup Global Markets	11/01/10	(25)
USD	130,333	CHF	128,000	Citigroup Global Markets	11/01/10	258
USD	36,302	SGD	47,000	Citigroup Global Markets	11/02/10	(11)
Total						\$ 527

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks:				
Austria		\$ 4,093,463		\$ 4,093,463
Belgium		8,767,428		8,767,428
Bermuda	\$ 4,787,579			4,787,579
Brazil	31,707,753			31,707,753
Canada	53,762,522			53,762,522
China		18,182,062		18,182,062
Denmark	4,168,269	6,428,629		10,596,898
Finland	3,748,680	5,334,916		9,083,596
France		26,804,697		26,804,697
Germany	15,527,386	71,164,113		86,691,499
Gibraltar		4,261,058		4,261,058

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Hong Kong	16,832,779	17,893,171	34,725,950
India		6,773,097	6,773,097
Indonesia		11,302,457	11,302,457
Ireland	12,037,315		12,037,315
Israel	1,038,000		1,038,000
Italy		5,245,496	5,245,496
Japan		70,372,834	70,372,834
Malaysia		5,738,362	5,738,362
Mexico	17,397,424		17,397,424
Netherlands	4,648,056	11,270,126	15,918,182
Norway		17,458,185	17,458,185
Singapore		3,216,931	3,216,931
South Africa		13,660,407	13,660,407
South Korea	3,389,022	17,873,771	21,262,793
Spain		26,072,973	26,072,973
Sweden		14,172,760	14,172,760
Switzerland	3,868,242	23,654,036	27,522,278
Taiwan	7,971,192		7,971,192
Thailand		15,803,514	15,803,514
United Kingdom	39,875,203	75,276,438	115,151,641
United States	544,778,023		544,778,023
Short-Term Securities	42,426,566		42,426,566
Total	\$ 807,964,011	\$ 480,820,924	\$ 1,288,784,935

Derivative Financial Instruments¹

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency exchange contracts		\$ 563		\$ 563
Liabilities:				
Equity contracts	\$ (6,525,645)	(30,566,559)		(37,092,204)
Foreign currency exchange contracts		(36)		(36)
Total	\$ (6,525,645)	\$ (30,566,032)		\$ (37,091,677)

- 1 Derivative financial instruments are foreign currency exchange contracts and options. Foreign currency exchange contracts are shown at the unrealized appreciation/depreciation on the instrument and options are shown at value.

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Health Sciences Trust (BME)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Biotechnology 14.7%		
3SBio, Inc. - ADR (a)	35,200	\$ 529,760
Alexion Pharmaceuticals, Inc. (a)(b)	7,600	519,080
Amgen, Inc. (a)(b)	60,300	3,448,557
Ariad Pharmaceuticals, Inc. (a)	39,300	144,624
Arqule, Inc. (a)	5,100	28,152
BioMarin Pharmaceutical, Inc. (a)(b)	93,400	2,443,344
Celgene Corp. (a)(b)	124,500	7,727,715
Cepheid, Inc. (a)	24,600	517,584
Cubist Pharmaceuticals, Inc. (a)(b)	28,700	668,136
Gilead Sciences, Inc. (a)(b)	164,360	6,520,161
Human Genome Sciences, Inc. (a)(b)	39,400	1,059,072
Incyte Corp. Ltd. (a)(b)	59,600	992,936
Ironwood Pharmaceuticals, Inc. (a)(b)	29,300	327,867
Myriad Genetics, Inc. (a)	30,200	601,886
United Therapeutics Corp. (a)(b)	39,500	2,370,000
Vertex Pharmaceuticals, Inc. (a)(b)	64,200	2,460,786
		30,359,660
Chemicals 0.8%		
Sigma-Aldrich Corp. (b)	25,200	1,598,184
Health Care Equipment & Supplies 17.6%		
Alcon, Inc. (b)	15,600	2,616,432
Alere, Inc. (a)(b)	30,800	910,140
Baxter International, Inc. (b)	89,900	4,575,910
Becton, Dickinson and Co. (b)	12,200	921,344
Boston Scientific Corp. (a)	244,800	1,561,824
CareFusion Corp. (a)(b)	96,400	2,327,096
China Medical Technologies, Inc. - ADR (a)(b)	23,500	283,880
Cooper Cos., Inc. (The) (b)	44,900	2,215,366
Coviden Plc (b)	94,600	3,771,702
Edwards Lifesciences Corp. (a)	15,600	996,996
Gen-Probe, Inc. (a)(b)	81,400	3,942,202
Hill-Rom Holdings, Inc. (b)	78,300	3,034,125
Hologic, Inc. (a)(b)	214,100	3,429,882
Hospira, Inc. (a)	17,600	1,046,848
Masimo Corp. (b)	29,100	877,947
Medtronic, Inc. (b)	17,290	608,781
Nobel Biocare Holding AG	2,400	39,679
Sirona Dental Systems, Inc. (a)(b)	19,800	745,470
Stryker Corp. (b)	34,100	1,687,609
Varian Medical Systems, Inc. (a)(b)	11,800	745,996
		36,339,229
Health Care Providers & Services 24.7%		
Aetna, Inc. (b)	165,200	4,932,872
AmerisourceBergen Corp. (b)	154,400	5,067,408
CIGNA Corp. (b)	49,000	1,724,310
Community Health Systems, Inc. (a)(b)	35,000	1,052,800
DaVita, Inc. (a)	86,800	6,227,900

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Express Scripts, Inc. (a)(b)	31,060	1,507,031
Fresenius Medical Care AG & Co. KGaA (b)	108,900	6,930,768
Health Management Associates, Inc. (a)	95,000	760,950
Henry Schein, Inc. (a)(b)	61,000	3,425,150
Laboratory Corp. of America Holdings (a)	6,600	536,712
Medco Health Solutions, Inc. (a)(b)	33,210	1,744,521
Mednax, Inc. (a)(b)	10,000	592,100
PSS World Medical, Inc. (a)(b)	33,000	779,790
Quest Diagnostics, Inc.	39,800	1,955,772
Sinopharm Group Co.	177,400	698,482
Tenet Healthcare Corp. (a)(b)	136,100	593,396
UnitedHealth Group, Inc. (b)	204,600	7,375,830
WellPoint, Inc. (a)	91,700	4,982,978
		50,888,770

Health Care Technology 4.7%

Allscripts-Misys Healthcare Solutions, Inc. (a)(b)	116,900	2,231,621
Biogen Idec, Inc. (a)(b)	54,300	3,405,153

Common Stocks

Shares

Value

Health Care Technology (concluded)

Genzyme Corp. (a)(b)	28,000	\$ 2,019,640
St. Jude Medical, Inc. (a)(b)	53,400	2,045,220
		9,701,634

Life Sciences Tools & Services 8.4%

Covance, Inc. (a)(b)	35,400	1,663,446
Dionex Corp. (a)(b)	37,400	3,337,202
Life Technologies Corp. (a)	15,000	752,700
Lonza Group AG (b)	12,800	1,120,547
Mettler-Toledo International, Inc. (a)(b)	35,100	4,582,656
ShangPharma Corp. - ADR (a)	24,000	310,080
Tecan Group AG	18,800	1,308,673
Thermo Fisher Scientific, Inc. (a)	84,000	4,319,280
		17,394,584

Pharmaceuticals 21.7%

Abbott Laboratories (b)	128,500	6,594,620
Allergan, Inc. (b)	50,300	3,642,223
Bristol-Myers Squibb Co. (b)	166,000	4,465,400
GlaxoSmithKline Plc	25,500	497,955
Glenmark Pharmaceuticals Ltd.	81,300	621,165
H Lundbeck A/S	10,300	205,818
Impax Laboratories, Inc. (a)(b)	54,100	1,019,244
Johnson & Johnson	112,970	7,192,800
Merck & Co., Inc. (b)	54,900	1,991,772
Mylan, Inc. (a)(b)	128,400	2,609,088
Novartis AG, Registered Shares (b)	47,900	2,775,457
Pfizer, Inc. (b)	642,100	11,172,540
Roche Holding AG	7,700	1,130,777
Sihuan Pharmaceutical Holdings Group Ltd. (a)	240,000	174,320
Teva Pharmaceutical Industries Ltd. - ADR	13,950	724,005
		44,817,184

Total Long-Term Investments (Cost \$166,525,633) 92.6%

191,099,245

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (c)(d)	14,067,561	14,067,561
Total Short-Term Securities (Cost \$14,067,561) 6.8%		14,067,561
Total investments before outstanding options written (Cost \$180,593,194*) 99.4%		205,166,806

Options Written

Contracts

Exchange-Traded Call Options Written (1.1)%

Abbott Laboratories, Strike Price USD 52.50, Expires 1/24/11	325	(36,238)
Abbott Laboratories, Strike Price USD 52.50, Expires 11/22/10	100	(3,600)
Aetna, Inc., Strike Price USD 32, Expires 11/22/10	665	(17,955)
Alcon, Inc., Strike Price USD 160, Expires 11/22/10	10	(8,775)
Alcon, Inc., Strike Price USD 170, Expires 11/22/10	45	(7,785)
Alere, Inc., Strike Price USD 30, Expires 11/22/10	150	(12,750)
Alere, Inc., Strike Price USD 31, Expires 11/22/10	75	(3,750)
Alere, Inc., Strike Price USD 32, Expires 11/22/10	75	(2,250)
Alexion Pharmaceuticals, Inc., Strike Price USD 60, Expires 11/22/10	50	(42,750)
Allergan, Inc., Strike Price USD 66, Expires 11/22/10	150	(97,196)
Allscripts Healthcare Solutions, Inc., Strike Price USD 18.50, Expires 11/08/10	250	(18,575)
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock Health Sciences Trust (BME)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Exchange-Traded Call Options Written (continued)		
Allscripts Healthcare Solutions, Inc., Strike Price USD 19, Expires 12/20/10	100	\$ (10,000)
AmerisourceBergen Corp., Strike Price USD 30, Expires 11/22/10	250	(76,875)
AmerisourceBergen Corp., Strike Price USD 33, Expires 11/22/10	250	(23,750)
Amgen, Inc., Strike Price USD 55, Expires 1/24/11	100	(45,000)
Amgen, Inc., Strike Price USD 57.50, Expires 11/22/10	100	(12,650)
Baxter International, Inc., Strike Price USD 47.50, Expires 11/22/10	50	(18,000)
Baxter International, Inc., Strike Price USD 49, Expires 11/22/10	200	(46,100)
Baxter International, Inc., Strike Price USD 50, Expires 11/22/10	25	(3,875)
Becton, Dickinson and Co., Strike Price USD 74, Expires 11/02/10	100	(16,350)
Biogen Idec, Inc., Strike Price USD 60, Expires 1/24/11	100	(52,000)
Biogen Idec, Inc., Strike Price USD 60, Expires 11/22/10	100	(36,500)
BioMarin Pharmaceutical, Inc., Strike Price USD 22.50, Expires 11/22/10	250	(90,000)
BioMarin Pharmaceutical, Inc., Strike Price USD 23, Expires 11/29/10	260	(83,631)
Bristol-Myers Squibb Co., Strike Price USD 28, Expires 11/22/10	570	(4,275)
CareFusion Corp., Strike Price USD 25, Expires 11/22/10	300	(12,750)
Celgene Corp, Strike Price USD 56, Expires 11/02/10	500	(307,912)
China Medical Technologies, Inc. - ADR, Strike Price USD 12, Expires 11/22/10	50	(3,750)
CIGNA Corp., Strike Price USD 37, Expires 11/22/10	350	(14,525)
Community Health Systems, Inc., Strike Price USD 33, Expires 11/22/10	200	(4,500)
Cooper Cos., Inc. (The), Strike Price USD 45, Expires 11/22/10	150	(69,000)
Covance, Inc., Strike Price USD 45, Expires 11/22/10	100	(29,000)
Coviden Plc, Strike Price USD 40, Expires 11/22/10	80	(8,000)
Cubist Pharmaceuticals, Inc., Strike Price USD 25, Expires 11/22/10	85	(1,912)
Express Scripts, Inc., Strike Price USD 50, Expires 11/22/10	210	(13,965)
Express Scripts, Inc., Strike Price USD 57.50, Expires 11/22/10	100	(400)
Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 45, Expires 11/19/10	225	(40,835)
Gen-Probe, Inc., Strike Price USD 50, Expires 11/22/10	230	(10,925)
Genzyme Corp., Strike Price USD 71, Expires 11/02/10	60	(7,478)
Genzyme Corp., Strike Price USD 72.50, Expires 11/22/10	30	(1,950)
Gilead Sciences, Inc., Strike Price USD 36, Expires 11/22/10	100	(38,750)
Gilead Sciences, Inc., Strike Price USD 37, Expires 11/22/10	550	(162,525)
Henry Schein, Inc., Strike Price USD 60, Expires 11/22/10	65	(1,950)
Hill-Rom Holdings, Inc., Strike Price USD 35, Expires 12/20/10	150	(59,250)
Hill-Rom Holdings, Inc., Strike Price USD 37, Expires 11/29/10	100	(21,724)
Hologic, Inc., Strike Price USD 17.50, Expires 12/20/10	200	(8,500)
	170	(23,460)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Human Genome Sciences, Inc., Strike Price USD 30, Expires 11/22/10		
Impax Laboratories, Inc., Strike Price USD 20, Expires 11/22/10	180	(7,200)
Incyte Corp. Ltd., Strike Price USD 15, Expires 11/22/10	100	(21,500)
Incyte Corp. Ltd., Strike Price USD 17.50, Expires 12/20/10	100	(13,000)
Ironwood Pharmaceuticals, Inc., Strike Price USD 17.50, Expires 11/22/10	100	(1,000)
Lonza Group AG, Strike Price CHF 92, Expires 11/19/10	45	(1,436)
Masimo Corp., Strike Price USD 30, Expires 11/22/10	95	(11,875)
Medco Health Solutions, Inc., Strike Price USD 50, Expires 11/22/10	140	(44,800)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

Mednax, Inc., Strike Price USD 50, Expires 11/22/10	100	\$ (91,500)
Medtronic, Inc., Strike Price USD 34, Expires 11/22/10	90	(14,760)
Merck & Co., Inc., Strike Price USD 38, Expires 11/22/10	285	(4,275)
Mettler-Toledo International, Inc., Strike Price USD 117, Expires 11/16/10	100	(136,169)
Mylan, Inc., Strike Price USD 19, Expires 11/22/10	180	(27,090)
Mylan, Inc., Strike Price USD 20, Expires 12/20/10	85	(8,713)
Mylan, Inc., Strike Price USD 21, Expires 12/20/10	85	(4,462)
Novartis AG, Strike Price CHF 56, Expires 11/19/10	150	(25,126)
Pfizer, Inc., Strike Price USD 18, Expires 11/22/10	500	(6,250)
PSS World Medical, Inc., Strike Price USD 22.50, Expires 11/22/10	80	(13,800)
Sigma-Aldrich Corp., Strike Price USD 60, Expires 11/22/10	70	(26,600)
Sirona Dental Systems, Inc., Strike Price USD 40, Expires 12/20/10	150	(18,000)
St. Jude Medical, Inc., Strike Price USD 40, Expires 11/02/10	100	(286)
St. Jude Medical, Inc., Strike Price USD 40, Expires 11/22/10	200	(6,000)
Stryker Corp., Strike Price USD 50, Expires 11/22/10	235	(22,325)
Tenet Healthcare Corp., Strike Price USD 5, Expires 11/22/10	500	(2,500)
United Therapeutics Corp., Strike Price USD 60, Expires 11/22/10	120	(19,800)
UnitedHealth Group, Inc., Strike Price USD 33.10, Expires 11/22/10	120	(36,575)
UnitedHealth Group, Inc., Strike Price USD 34, Expires 12/20/10	350	(93,625)
UnitedHealth Group, Inc., Strike Price USD 37, Expires 11/22/10	200	(11,800)
Varian Medical Systems, Inc., Strike Price USD 60, Expires 11/22/10	110	(41,250)
Vertex Pharmaceuticals, Inc., Strike Price USD 38, Expires 11/22/10	100	(16,000)
Vertex Pharmaceuticals, Inc., Strike Price USD 39, Expires 11/22/10	100	(10,250)

Total Exchange-Traded Call Options Written

(2,351,658)

Exchange-Traded Put Options Written (0.1)%

Allscripts Healthcare Solutions, Inc., Strike Price USD 17, Expires 11/22/10	50	(500)
China Medical Technologies, Inc. - ADR, Strike Price USD 11, Expires 11/22/10	50	(1,625)
DaVita, Inc., Strike Price USD 65, Expires 11/22/10	40	(1,100)
Gilead Sciences, Inc., Strike Price USD 38, Expires 11/22/10	555	(22,755)
Life Technologies Corp., Strike Price USD 50, Expires 12/20/10	475	(80,750)
Medtronic, Inc., Strike Price USD 34, Expires 11/22/10	157	(6,437)
Nuvasive, Inc., Strike Price USD 35, Expires 11/22/10	82	(72,570)
Pfizer, Inc., Strike Price USD 16, Expires 11/22/10	140	(1,120)
	300	(8,920)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Tenet Healthcare Corp., Strike Price USD 4.50,
Expires 11/20/10

Total Exchange-Traded Put Options Written (195,777)

Over-the-Counter Call Options Written (0.6)%

BioMarin Pharmaceutical, Inc., Strike Price USD 22.59, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(35,757)
BioMarin Pharmaceutical, Inc., Strike Price USD 23.75, Expires 11/15/10, Broker JPMorgan Chase Securities	10,000	(25,597)
Bristol-Myers Squibb Co., Strike Price USD 26, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(9,129)
Bristol-Myers Squibb Co., Strike Price USD 27, Expires 11/02/10, Broker UBS Securities LLC	59,000	(7,747)
Bristol-Myers Squibb Co., Strike Price USD 27.09, Expires 11/02/10, Broker UBS Securities LLC	40,000	(6,298)
Community Health Systems, Inc., Strike Price USD 31.52, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	15,000	(555)
Coviden Ltd., Strike Price USD 41.72, Expires 11/24/10, Broker Credit Suisse First Boston	14,000	(6,204)
See Notes to Financial Statements.		

ANNUAL REPORT

OCTOBER 31, 2010

43

Schedule of Investments (continued)

BlackRock Health Sciences Trust (BME)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
DaVita, Inc., Strike Price USD 65.00, Expires 11/02/10, Broker UBS Securities LLC	23,000	\$ (155,310)
DaVita, Inc., Strike Price USD 67.09, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(46,832)
Dionex Corp., Strike Price USD 75.31, Expires 11/02/10, Broker Bank of New York (The)	12,000	(167,104)
Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 46.14, Expires 11/16/10, Broker UBS Securities LLC	15,600	(12,412)
GlaxoSmithKline Plc, Strike Price GBP 13.08, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	25,500	(15)
Health Management Associates, Inc., Strike Price USD 7.77, Expires 11/30/10, Broker Morgan Stanley & Co., Inc.	31,500	(17,435)
Henry Schein, Inc., Strike Price USD 57.50, Expires 11/02/10, Broker UBS Securities LLC	13,500	(3,424)
Hologic, Inc., Strike Price USD 16.85, Expires 11/12/10, Broker Credit Suisse First Boston	50,000	(10,051)
Johnson & Johnson, Strike Price USD 61, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	30,000	(82,200)
Life Technologies Corp., Strike Price USD 50, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	15,000	(8,495)
Novartis AG, Strike Price CHF 54.28, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	11,300	(31,408)
Pfizer, Inc., Strike Price USD 15.29, Expires 11/02/10, Broker Credit Suisse First Boston	156,000	(329,472)
Pfizer, Inc., Strike Price USD 16, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	40,000	(56,000)
Pfizer, Inc., Strike Price USD 17.50, Expires 11/02/10, Broker UBS Securities LLC	49,000	(5,652)
Pfizer, Inc., Strike Price USD 17.62, Expires 11/24/10, Broker JPMorgan Chase Securities	40,000	(12,276)
Quest Diagnostics, Inc., Strike Price USD 50.39, Expires 12/02/10, Broker Morgan Stanley & Co., Inc.	13,500	(11,147)
Quest Diagnostics, Inc., Strike Price USD 51.51, Expires 11/24/10, Broker Credit Suisse First Boston	3,000	(2,388)
Roche Holding AG, Strike Price CHF 136.70, Expires 11/11/10, Broker UBS Securities LLC	1,900	(15,111)
St. Jude Medical, Inc., Strike Price USD 39, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(1,693)
Tecan Group AG, Strike Price CHF 62.94, Expires 11/03/10, Broker UBS Securities LLC	7,800	(44,110)
Tenet Healthcare Corp., Strike Price USD 5, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	70,000	(69)
Teva Pharmaceutical Industries Ltd. - ADR, Strike Price USD 54, Expires 11/02/10, Broker Citigroup Global Markets, Inc.	13,900	(285)
Thermo Fisher Scientific, Inc., Strike Price USD 48.62, Expires 11/15/10, Broker JPMorgan Chase Securities	28,000	(82,750)
WellPoint, Inc., Strike Price USD 55, Expires 11/02/10, Broker UBS Securities LLC	35,000	(18,996)
Total Over-the-Counter Call Options Written		(1,205,922)

Over-the-Counter Put Options Written (0.2)%

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Alere, Inc., Strike Price USD 31.25, Expires 11/22/10, Broker UBS Securities LLC	52,100	(106,586)
Arqule, Inc., Strike Price USD 5.25, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	6,700	(1,518)
Celgene Corp., Strike Price USD 59, Expires 11/08/10, Broker UBS Securities LLC	30,000	(4,580)
Community Health Systems, Inc., Strike Price USD 31.74, Expires 11/22/10, Broker Citigroup Global Markets, Inc.	70,000	(151,122)
Gilead Sciences, Inc., Strike Price USD 36.75, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	25,000	(1,190)
Medco Health Solutions, Inc., Strike Price USD 54, Expires 11/08/10, Broker Morgan Stanley & Co., Inc.	10,000	(18,892)
Quest Diagnostics, Inc., Strike Price USD 48.50, Expires 11/22/10, Broker Citigroup Global Markets, Inc.	13,200	(11,240)

Options Written	Contracts	Value
Over-the-Counter Put Options Written (concluded)		
Tenet Healthcare Corp., Strike Price USD 4.50, Expires 11/22/10, Broker UBS Securities LLC	283,000	\$ (71,302)
Total Over-the-Counter Put Options Written		(366,430)
Total Options Written (Premiums Received \$3,035,525) (2.0)%		(4,119,787)
Total investments net of outstanding options written 97.4%		201,047,019
Other Assets Less Liabilities 2.6%		5,344,714
Net Assets 100.0%		\$ 206,391,733

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 183,010,509
Gross unrealized appreciation	\$ 23,240,613
Gross unrealized depreciation	(1,084,316)
Net unrealized appreciation	\$ 22,156,297

- (a) Non-income producing security.
- (b) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (c) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund,	9,732,338	4,335,223	14,067,561	\$ 15,805

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Institutional Class				
BlackRock Liquidity Series, LLC Money Market Series	2,152,000	(2,152,000)	\$	756

(d) Represents current yield as of report date.
See Notes to Financial Statements.

44

ANNUAL REPORT

OCTOBER 31, 2010

Schedule of Investments (concluded)

BlackRock Health Sciences Trust (BME)

Foreign currency exchange contracts as of October 31, 2010 were as follows:

Currency Purchased		Currency Sold		Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
USD	101,588	DKK	544,000	Deutsche Bank Securities	11/02/10	\$ 60
USD	100,151	DKK	537,000	Citigroup Global Markets	11/03/10	(68)
Total						\$ (8)

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

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks:				
Biotechnology	\$ 30,359,660			\$ 30,359,660
Chemicals	1,598,184			1,598,184
Health Care Equipment & Supplies	36,299,550	\$ 39,679		36,339,229
Health Care Providers & Services	43,259,520	7,629,250		50,888,770
	9,701,634			9,701,634

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Health Care			
Technology			
Life Sciences			
Tools & Services	16,274,037	1,120,547	17,394,584
Pharmaceuticals	39,586,012	5,231,172	44,817,184
Short-Term Securities	14,067,561		14,067,561
Total	\$ 191,146,158	\$ 14,020,648	\$ 205,166,806

Derivative Financial Instruments¹

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency exchange contracts		\$ 60		\$ 60
Liabilities:				
Equity contracts	\$ (1,745,222)	(2,374,565)		(4,119,787)
Foreign currency exchange contracts		(68)		(68)
Total	\$ (1,745,222)	\$ (2,374,573)		\$ (4,119,795)

¹ Derivative financial instruments are foreign currency exchange contracts and options. Foreign currency exchange contracts are shown at the unrealized appreciation/depreciation on the instrument and options are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Australia 0.5%		
OZ Minerals Ltd.	4,082,600	\$ 6,296,585
Austria 0.3%		
Erste Group Bank AG	80,700	3,646,164
Belgium 0.7%		
Anheuser-Busch InBev NV	127,600	8,013,781
Brazil 3.5%		
Banco Bradesco SA, Preference Shares	203,300	4,165,719
Banco Santander Brasil SA - ADR	178,800	2,574,720
BM&FBOVESPA SA	856,344	7,141,656
Cia Energetica de Minas Gerais - ADR (a)	293,820	5,241,749
Gol Linhas Aereas Inteligentes SA, Preference Shares	312,700	5,408,756
Hypermarcas SA (b)	421,600	6,967,570
PDG Realty SA Empreendimentos e Participacoes	304,100	3,764,809
Tractebel Energia SA	313,000	4,712,580
		39,977,559
Canada 9.4%		
Agrium, Inc.	122,200	10,815,922
Barrick Gold Corp. (a)	185,400	8,915,886
Baytext Energy Trust	122,500	4,564,173
Canadian National Railway Co. (a)	128,700	8,337,186
Canadian Natural Resources Ltd. (a)	129,500	4,722,865
Crescent Point Energy Corp. (a)	112,200	4,444,436
Eldorado Gold Corp. (a)	402,100	6,808,772
Enbridge, Inc. (a)	87,500	4,839,568
Goldcorp, Inc.	130,000	5,804,687
Magna International, Inc., Class A (a)	62,200	5,631,588
Niko Resources Ltd. (a)	47,200	4,502,951
Pacific Rubiales Energy Corp. (a)(b)	175,200	5,584,618
Pan American Silver Corp.	169,600	5,413,632
Royal Bank of Canada	97,100	5,178,222
Silver Wheaton Corp. (a)(b)	164,400	4,726,500
Toronto-Dominion Bank (The) (a)	74,000	5,329,248
TransCanada Corp.	246,700	9,111,863
Viterra, Inc. (a)(b)	373,400	3,576,937
		108,309,054
China 2.1%		
China Construction Bank Corp., Class H	5,917,800	5,657,438
China Merchants Bank Co. Ltd., Class H	2,088,000	5,949,663
Mecox Lane Ltd. - ADR (b)	48,300	788,739
Sinopharm Group Co.	266,400	1,048,903
Tencent Holdings Ltd.	266,000	6,114,642
Want Want China Holdings Ltd.	4,879,400	4,509,937
		24,069,322

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Denmark 1.6%

Carlsberg A/S	52,900	5,783,580
FLSmidth & Co. A/S (a)	80,000	5,916,852
Pandora A/S (b)	76,500	3,712,137
Tryg AS	65,500	3,300,364
		18,712,933

Finland 0.6%

Fortum Oyj	233,900	6,633,901
------------	---------	-----------

France 2.5%

AXA SA	170,400	3,107,589
BNP Paribas	79,240	5,796,082
Cap Gemini SA	95,300	4,864,923
GDF Suez	203,260	8,121,696
Societe Generale	19,600	1,175,312
Unibail-Rodamco SE - REIT	25,300	5,278,784
		28,344,386

Germany 8.2%

BASF SE (a)	33,400	2,428,575
Bayerische Motoren Werke AG	82,500	5,912,975

Common Stocks

Shares

Value

Germany (concluded)

Deutsche Lufthansa AG (b)	426,500	\$ 9,117,516
Deutsche Post AG	522,800	9,745,265
Deutsche Telekom AG	435,600	6,310,284
E.ON AG	263,600	8,250,800
Fresenius Medical Care AG & Co. KGaA	151,300	9,629,248
Kabel Deutschland Holding AG (b)	140,200	6,313,478
Merck KGaA	68,000	5,661,599
Metro AG	84,700	5,935,440
SAP AG - ADR	137,900	7,133,567
Siemens AG	63,200	7,212,096
Software AG	23,600	3,305,617
Volkswagen AG, Preference Shares	53,644	8,043,573
		95,000,033

Gibraltar 0.3%

PartyGaming Plc (b)	938,500	3,785,142
---------------------	---------	-----------

Hong Kong 4.7%

AIA Group Ltd. (b)	1,763,400	5,243,847
Cathay Pacific Airways Ltd.	3,191,000	8,597,445
Cheung Kong Holdings Ltd.	581,000	8,874,293
China Merchants Holdings International Co. Ltd.	1,764,000	6,203,239
China Mobile Ltd.	603,500	6,163,131
China Resources Enterprise Ltd.	712,100	3,018,614
CNOOC Ltd. - ADR	25,300	5,285,676
Hong Kong Exchanges and Clearing Ltd.	158,800	3,505,295
Melco Crown Entertainment Ltd. - ADR (b)	411,900	2,582,613
New World Development Ltd.	2,396,900	4,750,462
		54,224,615

India 0.3%

Infosys Technologies Ltd. - ADR (a)	49,200	3,318,048
-------------------------------------	--------	-----------

Indonesia 1.4%

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Adaro Energy PT	49,857,900	11,762,598
Bank Mandiri Tbk PT	5,440,500	4,276,852
		16,039,450
Ireland 0.6%		
Coviden Plc (a)	188,000	7,495,560
Israel 0.1%		
Teva Pharmaceutical Industries Ltd. - ADR (a)	19,000	986,100
Italy 1.5%		
Fondiaria-Sai SpA	264,300	3,140,702
Intesa Sanpaolo SpA	1,807,300	6,356,567
Paramalat SpA	1,494,600	4,108,572
UniCredit SpA	1,269,165	3,308,799
		16,914,640
Japan 10.8%		
Bank of Yokohama Ltd. (The)	452,500	2,218,640
Bridgestone Corp.	307,700	5,508,230
Canon, Inc.	121,000	5,570,027
Chiba Bank Ltd.	556,900	3,438,213
Honda Motor Co. Ltd.	287,400	10,360,421
Hoya Corp.	219,700	5,131,933
ITOCHU Corp.	1,260,500	11,047,379
Japan Tobacco, Inc.	2,238	6,952,759
JSR Corp.	414,900	7,156,636
KDDI Corp.	710	3,827,488
Konica Minolta Holdings, Inc.	485,700	4,693,292
Kubota Corp.	692,000	6,136,700
Marubeni Corp.	1,183,400	7,434,022
Matsui Securities Co. Ltd.	555,800	3,143,600
Nikon Corp.	195,600	3,694,059
Nomura Holdings, Inc.	345,300	1,774,423
NSK Ltd.	1,473,000	11,136,537
NTT Data Corp.	1,680	5,165,687
Panasonic Corp.	313,300	4,567,064

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Japan (concluded)		
Sumitomo Heavy Industries Ltd.	977,100	\$ 5,553,585
Sumitomo Mitsui Financial Group, Inc.	171,800	5,127,843
Tokio Marine Holdings, Inc.	203,400	5,718,764
		125,357,302
Malaysia 1.0%		
Bumiputra-Commerce Holdings Bhd	4,231,200	11,299,404
Mexico 1.5%		
Fomento Economico Mexicano SAB de CV - ADR	120,600	6,622,146
Grupo Mexico SAB de CV, Series B	2,185,300	7,197,615
Grupo Modelo SAB de CV	623,300	3,493,065
		17,312,826
Netherlands 1.8%		
Aegon NV (b)	603,200	3,822,963
Corio NV - REIT	16,700	1,227,520
ING Groep NV (b)	370,500	3,963,889
Koninklijke (Royal) KPN NV	333,800	5,574,893
Koninklijke (Royal) Philips Electronics NV	86,400	2,635,416
VimpelCom Ltd. - ADR (a)(b)	265,800	4,074,714
		21,299,395
Norway 1.4%		
Yara International ASA	309,000	16,292,900
Philippines 0.3%		
Cebu Air, Inc. (b)	1,345,300	3,893,302
Singapore 1.6%		
CapitaLand Ltd.	1,032,771	3,115,336
Singapore Telecommunications Ltd.	3,390,100	8,122,694
Straits Asia Resources Ltd.	4,147,200	7,379,241
		18,617,271
South Africa 1.4%		
AngloGold Ashanti Ltd. - ADR (a)	127,500	6,006,525
MTN Group Ltd.	288,000	5,181,108
Naspers Ltd.	85,400	4,479,427
		15,667,060
South Korea 1.9%		
Hyundai Engineering & Construction Co. Ltd.	89,000	5,979,632
Kia Motors Corp.	114,500	4,581,314

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

KT Corp. - ADR	147,800	3,057,982
Samsung Electronics Co. Ltd.	8,300	5,506,435
Samsung Securities Co. Ltd.	50,000	2,863,843

21,989,206

Spain 2.6%

Banco Bilbao Vizcaya Argentaria SA	392,500	5,170,991
Banco Santander SA	729,950	9,369,352
Inditex SA	55,600	4,643,763
Telefonica SA	397,200	10,733,401

29,917,507

Sweden 1.6%

Nordea Bank AB	492,624	5,424,114
Svenska Cellulosa AB, B Shares	466,000	7,224,385
Volvo AB, B Shares (b)	405,500	5,489,782

18,138,281

Switzerland 6.1%

Alcon, Inc. (a)	25,500	4,276,860
Credit Suisse Group AG	114,900	4,756,701
GAM Holding Ltd. (b)	108,500	1,714,183
Givaudan SA	5,400	5,564,165
Julius Baer Group Ltd.	147,600	6,228,605
Nestle SA	280,800	15,380,678
Nobel Biocare Holding AG (a)	75,700	1,251,548
Novartis AG, Registered Shares	164,700	9,543,168
Roche Holding AG (a)	40,200	5,903,538

Common Stocks

Shares

Value

Switzerland (concluded)

Swiss Reinsurance Co. Ltd.	92,600	\$ 4,449,164
Tyco Electronics Ltd.	150,500	4,767,840
UBS AG (b)	222,900	3,786,523
Zurich Financial Services AG	13,300	3,254,742

70,877,715

Taiwan 2.1%

AU Optronics Corp. - ADR (b)	527,900	5,294,837
Hon Hai Precision Industry Co. Ltd.	1,547,632	5,853,202
Mega Financial Holding Co. Ltd.	7,811,100	5,415,415
Siliconware Precision Industries Co. - ADR	595,400	3,322,332
Taiwan Semiconductor Manufacturing Co. Ltd. - ADR	424,684	4,633,302

24,519,088

Thailand 1.0%

Bangkok Bank PCL	800,500	4,134,354
Banpu PCL	302,700	7,837,009

11,971,363

United Kingdom 18.6%

Aegis Group Plc	2,166,000	4,365,780
Anglo American Plc	115,300	5,372,196
Antofagasta Plc	569,900	12,063,238
Barclays Plc - ADR (a)	328,300	5,794,495
British Airways Plc (b)	2,023,100	8,766,956
Britvic Plc	1,051,000	8,123,584
Cairn Energy Plc (b)	617,400	3,815,850

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

FirstGroup Plc	1,271,900	8,317,331
GKN Plc	2,091,900	5,943,674
GlaxoSmithKline Plc	475,600	9,287,343
HSBC Holdings Plc	1,482,500	15,429,412
Imperial Tobacco Group Plc	395,000	12,650,795
Inchcape Plc (b)	1,025,920	5,733,124
Intercontinental Hotels Group Plc	441,650	8,529,678
Kazakhmys Plc	468,100	9,863,479
National Grid Plc	872,200	8,247,964
Next Plc	130,800	4,789,166
Royal Bank of Scotland Group Plc (b)	5,849,600	4,185,424
Royal Dutch Shell Plc - ADR	386,200	25,075,966
Tesco Plc	1,048,900	7,178,311
Tullow Oil Plc	330,500	6,277,262
Unilever Plc	229,200	6,607,974
Vodafone Group Plc - ADR	391,000	10,756,410
WPP Plc	996,700	11,582,611
Xstrata Plc	329,700	6,387,404

215,145,427

United States 1.3%

Mosaic Co. (The) (a)	145,900	10,674,044
NII Holdings, Inc. (b)	94,600	3,955,226

14,629,270

Total Long-Term Investments
(Cost \$1,012,088,768) 93.3%

1,078,694,590

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (c)(d)	57,450,039	57,450,039
---	------------	------------

Total Short-Term Securities
(Cost \$57,450,039) 5.0%

57,450,039

Total Investments Before Outstanding Options Written
(Cost \$1,069,538,807*) 98.3%

1,136,144,629

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Exchange-Traded Call Options Written (0.2)%		
Alcon, Inc., Strike Price USD 170, Expires 11/22/10	155	\$ (26,815)
Anglogold Ashanti Ltd. - ADR, Strike Price USD 47, Expires 11/22/10	345	(55,200)
Barclays Plc - ADR, Strike Price USD 20, Expires 11/22/10	1,970	(14,775)
Barrick Gold Corp., Strike Price USD 47, Expires 11/22/10	555	(114,608)
Barrick Gold Corp., Strike Price USD 48, Expires 11/22/10	555	(82,973)
BASF SE, Strike Price EUR 48, Expires 11/19/10	334	(205,751)
Canadian National Railway Co., Strike Price USD 65, Expires 11/22/10	550	(72,875)
Canadian National Railway Co., Strike Price USD 65, Expires 12/20/10	225	(46,687)
Canadian Natural Resources Ltd., Strike Price USD 37.50, Expires 12/20/10	157	(17,662)
Coviden Plc, Strike Price USD 40, Expires 11/22/10	375	(37,500)
Crescent Point Energy Corp., Strike Price CAD 42, Expires 1/24/11	670	(37,773)
Eldorado Gold Corp., Strike Price CAD 21, Expires 11/22/10	1,200	(4,706)
Enbridge, Inc., Strike Price CAD 56, Expires 12/20/10	525	(62,285)
FLSmidth & Co. A/S, Strike Price DKK 400, Expires 11/19/10	124	(25,699)
Infosys Technologies Ltd. - ADR, Strike Price USD 67.50, Expires 11/22/10	300	(54,000)
Magna International, Inc., Class A, Strike Price USD 90, Expires 12/20/10	400	(180,000)
Mosaic Co. (The), Strike Price USD 62.50, Expires 11/22/10	310	(342,550)
Mosaic Co. (The), Strike Price USD 65, Expires 11/22/10	310	(272,800)
Niko Resources Ltd., Strike Price CAD 105, Expires 11/22/10	285	(7,685)
Nobel Biocare Holding AG, Strike Price CHF 18, Expires 11/19/10	302	(6,163)
Pacific Rubiales Energy Corp., Strike Price CAD 30, Expires 11/22/10	1,050	(295,985)
Roche Holding AG, Strike Price CHF 150, Expires 11/19/10	50	(4,074)
Silver Wheaton Corp., Strike Price USD 26, Expires 11/22/10	675	(212,625)
Silver Wheaton Corp., Strike Price USD 27, Expires 11/22/10	670	(160,800)
Teva Pharmaceutical Industries Ltd. - ADR, Strike Price USD 55, Expires 11/22/10	190	(3,800)
Toronto-Dominion Bank (The), Strike Price CAD 76, Expires 11/22/10	445	(8,508)
VimpelCom Ltd. - ADR, Strike Price USD 15, Expires 11/22/10	1,590	(107,325)
Viterra, Inc., Strike Price CAD 9, Expires 11/22/10	2,240	(181,194)
Total Exchange-Traded Call Options Written		(2,642,818)
Exchange-Traded Put Options Written (0.0)%		
Petroleo Brasileiro SA - ADR, Strike Price USD 34, Expires 11/22/10	1,550	(186,000)
Volkswagen AG, Preference Shares, Strike Price EUR 78, Expires 11/19/10	75	(594)
Xstrata Plc, Strike Price GBP 11, Expires 11/19/10	90	(27,420)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Total Exchange-Traded Put Options Written (214,014)

Over-the-Counter Call Options Written (2.4)%

Adaro Energy Tbk PT, Strike Price IDR 2,070.50, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	8,860,000	(65,298)
Adaro Energy Tbk PT, Strike Price IDR 2,091, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	14,700,000	(149,205)
Aegis Group Plc, Strike Price GBP 1.23, Expires 11/11/10, Broker UBS Securities LLC	1,300,000	(78,703)
Aegon NV, Strike Price EUR 4.62, Expires 11/16/10, Broker Credit Suisse First Boston	361,500	(35,351)
Agrium, Inc., Strike Price USD 74.79, Expires 11/02/10, Broker JPMorgan Chase Securities	73,000	(1,001,626)
Anglo American Plc, Strike Price GBP 26.49, Expires 11/11/10, Broker UBS Securities LLC	115,300	(485,407)
AngloGold Ashanti Ltd. - ADR, Strike Price USD 44.51, Expires 11/12/10, Broker UBS Securities LLC	42,000	(122,186)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

Anheuser-Busch InBev NV, Strike Price EUR 42.84, Expires 11/11/10, Broker UBS Securities LLC	76,600	\$ (258,638)
Antofagasta Plc, Strike Price GBP 12.32, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	342,000	(554,079)
AU Optronics Corp. - ADR, Strike Price USD 10.29, Expires 12/09/10, Broker UBS Securities LLC	153,500	(37,299)
AU Optronics Corp. - ADR, Strike Price USD 9.79, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	163,000	(61,886)
AXA SA, Strike Price EUR 12.88, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	102,300	(56,360)
Banco Bilbao Vizcaya Argentaria SA, Strike Price EUR 10.14, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	235,000	(3,576)
Banco Bradesco SA, Preference Shares, Strike Price BRL 32.75, Expires 12/02/10, Broker Morgan Stanley & Co., Inc.	122,000	(175,018)
Banco Santander Brasil SA - ADR, Strike Price USD 13.19, Expires 11/02/10, Broker JPMorgan Chase Securities	51,000	(61,588)
Banco Santander Brasil SA - ADR, Strike Price USD 13.33, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	56,300	(60,410)
Banco Santander SA, Strike Price EUR 10.34, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	438,000	(3,534)
Bank Mandiri Tbk PT, Strike Price IDR 7,202.89, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	3,264,500	(33,624)
Bank of Yokohama Ltd. (The), Strike Price JPY 416.74, Expires 12/01/10, Broker JPMorgan Chase Securities	272,000	(9,974)
Bayerische Motoren Werke AG, Strike Price EUR 48.18, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	55,200	(268,460)
Baytex Energy Trust, Strike Price CAD 37.10, Expires 11/30/10, Broker Goldman Sachs & Co.	119,000	(152,125)
BM&FBOVESPA SA, Strike Price BRL 14.28, Expires 12/02/10, Broker Credit Suisse First Boston	226,500	(66,575)
BM&FBOVESPA SA, Strike Price BRL 14.64, Expires 11/08/10, Broker Credit Suisse First Boston	96,400	(7,149)
BM&FBOVESPA SA, Strike Price BRL 14.76, Expires 12/02/10, Broker Citigroup Global Markets, Inc.	78,000	(14,457)
BM&FBOVESPA SA, Strike Price BRL 15.72, Expires 12/02/10, Broker Goldman Sachs & Co.	113,000	(7,014)
BNP Paribas, Strike Price EUR 54.84, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	47,500	(42,631)
Bridgestone Corp., Strike Price JPY 1,598.86, Expires 11/09/10, Broker JPMorgan Chase Securities	184,700	(771)
British Airways Plc, Strike Price GBP 2.24, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	1,847,000	(1,362,743)
	630,000	(35,403)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Britvic Plc, Strike Price GBP 4.87, Expires 11/03/10, Broker Citigroup Global Markets, Inc.		
Cairn Energy Plc, Strike Price GBP 4.58, Expires 11/11/10, Broker Credit Suisse First Boston	557,000	(4,773)
Canadian Natural Resources Ltd., Strike Price USD 33.97, Expires 11/02/10, Broker Credit Suisse First Boston	62,000	(155,619)
Canon, Inc., Strike Price JPY 3,962.10, Expires 12/01/10, Broker JPMorgan Chase Securities	72,600	(45,268)
Cap Gemini SA, Strike Price EUR 37.17, Expires 12/07/10, Broker Morgan Stanley & Co., Inc.	57,200	(87,248)
CapitaLand Ltd., Strike Price SGD 4.14, Expires 11/09/10, Broker Deutsche Bank Securities Corp.	620,000	(144)
Carlsberg A/S, Strike Price DKK 573.43, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	35,000	(145,407)
Cathay Pacific Airways Ltd., Strike Price HKD 21.72, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	1,915,000	(40,324)
Cheung Kong Holdings Ltd., Strike Price HKD 123.91, Expires 12/01/10, Broker JPMorgan Chase Securities	349,000	(88,723)
Chiba Bank Ltd., Strike Price JPY 528.48, Expires 12/01/10, Broker Goldman Sachs & Co.	334,000	(16,051)
China Construction Bank Corp., Strike Price HKD 6.87, Expires 11/09/10, Broker Credit Suisse First Boston	3,551,000	(250,030)
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
China Merchants Bank Co. Ltd., Strike Price HKD 20.17, Expires 11/09/10, Broker JPMorgan Chase Securities	1,253,000	\$ (310,476)
China Merchants Holdings International Co. Ltd., Strike Price HKD 28.96, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	1,059,000	(9,051)
China Mobile Ltd., Strike Price HKD 82.06, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	362,000	(15,148)
Cia Energetica de Minas Gerais - ADR, Strike Price USD 16.94, Expires 11/08/10, Broker JPMorgan Chase Securities	176,300	(162,314)
CIMB Group Holdings Bhd, Strike Price MYR 8.30, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	3,172,000	(80,886)
CNOOC Ltd. - ADR, Strike Price USD 193.29, Expires 11/10/10, Broker UBS Securities LLC	14,000	(222,290)
CNOOC Ltd. - ADR, Strike Price USD 216.80, Expires 11/19/10, Broker JPMorgan Chase Securities	11,300	(37,959)
Corio NV - REIT, Strike Price EUR 54.41, Expires 12/07/10, Broker UBS Securities LLC	10,000	(9,192)
Coviden Ltd., Strike Price USD 41.72, Expires 11/24/10, Broker Credit Suisse First Boston	55,500	(24,595)
Credit Suisse Group AG, Strike Price CHF 41.95, Expires 12/07/10, Broker Credit Suisse First Boston	69,000	(62,835)
Deutsche Lufthansa AG, Strike Price EUR 13.60, Expires 11/11/10, Broker UBS Securities LLC	167,600	(421,259)
Deutsche Lufthansa AG, Strike Price EUR 13.68, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	105,000	(252,286)
Deutsche Post AG, Strike Price EUR 12.93, Expires 11/11/10, Broker Credit Suisse First Boston	135,700	(99,207)
Deutsche Post AG, Strike Price EUR 13.51, Expires 11/16/10, Broker Credit Suisse First Boston	178,000	(51,852)
Deutsche Telekom AG, Strike Price EUR 10.25, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	261,000	(80,843)
E.ON AG, Strike Price EUR 22.66, Expires 12/07/10, Broker Morgan Stanley & Co., Inc.	158,200	(81,842)
Eldorado Gold Corp., Strike Price CAD 19.99, Expires 11/19/10, Broker UBS Securities LLC	122,000	(7,109)
Erste Group Bank AG, Strike Price EUR 29.45, Expires 11/11/10, Broker Credit Suisse First Boston	48,500	(203,863)
Firstgroup Plc, Strike Price GBP 3.66, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	763,100	(518,580)
FLSmidth & Co. A/S, Strike Price DKK 403.11, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	71,600	(85,455)
Fomento Economico Mexicano SAB de CV - ADR, Strike Price USD 50.43, Expires 11/08/10, Broker Goldman Sachs & Co.	36,000	(161,640)
Fomento Economico Mexicano SAB de CV - ADR, Strike Price USD 52, Expires 11/05/10, Broker Credit Suisse First Boston	36,000	(106,045)
Fondiarria-Sai SpA, Strike Price EUR 7.60, Expires 11/11/10, Broker Credit Suisse First Boston	158,600	(208,250)
Fortum Oyj, Strike Price EUR 19.54, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	140,500	(166,641)
Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 45.85, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	63,400	(89,277)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Fresenius Medical Care AG & Co. KGaA, Strike Price EUR 46.14, Expires 11/16/10, Broker UBS Securities LLC	27,500	(21,881)
GAM Holding AG, Strike Price CHF 14.09, Expires 11/11/10, Broker UBS Securities LLC	30,900	(46,422)
GAM Holding AG, Strike Price CHF 15.63, Expires 12/07/10, Broker UBS Securities LLC	50,500	(26,490)
GDF Suez, Strike Price EUR 25.84, Expires 11/11/10, Broker UBS Securities LLC	122,000	(488,414)
Givaudan SA, Strike Price CHF 1,022.63, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	3,300	(48,071)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

GKN Plc, Strike Price GBP 1.66, Expires 11/16/10, Broker Credit Suisse First Boston	1,250,000	\$ (251,634)
GlaxoSmithKline Plc, Strike Price GBP 12.78, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	156,000	(4,484)
GlaxoSmithKline Plc, Strike Price GBP 13.05, Expires 11/16/10, Broker Morgan Stanley & Co., Inc.	129,400	(735)
Gol Linhas Aereas Inteligentes SA, Preference Shares, Strike Price BRL 27.19, Expires 12/02/10, Broker Citigroup Global Markets, Inc.	189,300	(317,901)
Goldcorp, Inc., Strike Price CAD 46.74, Expires 12/15/10, Broker UBS Securities LLC	78,000	(92,691)
Grupo Mexico SAB de CV, Strike Price MXN 40.46, Expires 12/14/10, Broker UBS Securities LLC	1,311,200	(175,018)
Grupo Modelo SAB de CV, Strike Price MXN 69.69, Expires 12/03/10, Broker Citigroup Global Markets, Inc.	187,000	(25,753)
Grupo Modelo SAB de CV, Strike Price MXN 70.04, Expires 12/14/10, Broker Citigroup Global Markets, Inc.	187,000	(27,997)
Hon Hai Precision Industry Co. Ltd., Strike Price TWD 116.28, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	528,000	(71,660)
Hon Hai Precision Industry Co. Ltd., Strike Price TWD 118.97, Expires 11/09/10, Broker Credit Suisse First Boston	270,000	(11,642)
Hon Hai Precision Industry Co. Ltd., Strike Price TWD 120.03, Expires 11/09/10, Broker Credit Suisse First Boston	131,000	(4,364)
Honda Motor Co. Ltd., Strike Price JPY 3,081.63, Expires 11/09/10, Broker Goldman Sachs & Co.	175,800	(14,420)
Hong Kong Exchanges and Clearing Ltd., Strike Price HKD 175.44, Expires 12/01/10, Broker JPMorgan Chase Securities	95,300	(65,131)
Hoya Corp., Strike Price JPY 2,051.64, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	132,000	(27,112)
HSBC Holdings Plc, Strike Price GBP 6.65, Expires 11/03/10, Broker UBS Securities LLC	889,500	(24,134)
Hypermarcas SA, Strike Price BRL 29.04, Expires 12/14/10, Broker Credit Suisse First Boston	253,000	(126,556)
Hyundai Engineering & Construction Co. Ltd., Strike Price KRW 75,739.30, Expires 12/01/10, Broker Deutsche Bank Securities Corp.	53,400	(120,517)
Imperial Tobacco Group Plc, Strike Price GBP 18.67, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	237,000	(502,848)
Inchcape Plc, Strike Price GBP 2.78, Expires 11/03/10, Broker UBS Securities LLC	610,000	(692,086)
Inditex SA, Strike Price EUR 59.18, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	33,400	(69,318)
ING Groep NV, Strike Price EUR 7.68, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	222,500	(63,239)
Intercontinental Hotels Group Plc, Strike Price GBP 10.64, Expires 11/03/10, Broker Credit Suisse First Boston	89,000	(202,193)
Intercontinental Hotels Group Plc, Strike Price GBP 11.53, Expires 11/16/10, Broker Credit Suisse First Boston	176,000	(175,471)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Intesa Sanpaolo SpA, Strike Price EUR 2.44, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	763,500	(117,659)
Intesa Sanpaolo SpA, Strike Price EUR 2.49, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	321,000	(32,700)
ITOCHU Corp., Strike Price JPY 762.84, Expires 11/09/10, Broker Goldman Sachs & Co.	756,300	(9,457)
Japan Tobacco, Inc., Strike Price JPY 254,015.62, Expires 12/01/10, Broker JPMorgan Chase Securities	1,340	(108,198)
JSR Corp., Strike Price JPY 1,429.47, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	83,300	(50,476)
JSR Corp., Strike Price JPY 1,437.43, Expires 11/09/10, Broker Goldman Sachs & Co.	165,700	(41,348)
Julius Baer Group Ltd., Strike Price CHF 37.77, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	88,600	(338,219)
Kabel Deutschland Holding AG, Strike Price EUR 29.32, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	30,600	(129,653)
See Notes to Financial Statements.		

ANNUAL REPORT

OCTOBER 31, 2010

49

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Kabel Deutschland Holding AG, Strike Price EUR 29.47, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	30,600	\$ (126,017)
Kabel Deutschland Holding AG, Strike Price EUR 30.30, Expires 12/07/10, Broker UBS Securities LLC	23,000	(72,346)
Kazakhmys Plc, Strike Price GBP 12.73, Expires 11/03/10, Broker Credit Suisse First Boston	65,000	(53,315)
Kazakhmys Plc, Strike Price GBP 14.04, Expires 11/11/10, Broker UBS Securities LLC	53,800	(9,614)
Kazakhmys Plc, Strike Price GBP 14.05, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	30,000	(16,586)
Kazakhmys Plc, Strike Price GBP 14.31, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	132,000	(14,132)
KDDI Corp., Strike Price JPY 408,975, Expires 12/01/10, Broker Goldman Sachs & Co.	425	(155,177)
Konica Minolta Holdings, Inc., Strike Price JPY 892.61, Expires 12/01/10, Broker JPMorgan Chase Securities	292,000	(18,964)
Koninklijke KPN NV, Strike Price EUR 11.94, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	200,000	(68,305)
Koninklijke Philips Electronics NV, Strike Price EUR 23.10, Expires 11/03/10, Broker UBS Securities LLC	34,500	(619)
Koninklijke Philips Electronics NV, Strike Price EUR 23.38, Expires 11/03/10, Broker Credit Suisse First Boston	51,900	(216)
KT Corp. - ADR, Strike Price USD 21.75, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	40,000	(9,230)
Kubota Corp., Strike Price JPY 781.20, Expires 12/01/10, Broker JPMorgan Chase Securities	416,000	(28,705)
Marubeni Corp., Strike Price JPY 483.89, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	710,000	(218,718)
Matsui Securities Co. Ltd., Strike Price JPY 489.69, Expires 11/09/10, Broker Goldman Sachs & Co.	179,800	(2,839)
Matsui Securities Co. Ltd., Strike Price JPY 490.52, Expires 11/09/10, Broker Goldman Sachs & Co.	153,200	(2,273)
Mega Financial Holding Co. Ltd., Strike Price TWD 21.44, Expires 11/09/10, Broker Credit Suisse First Boston	4,687,000	(41,902)
Melco Crown Entertainment Ltd. - ADR, Strike Price USD 5.77, Expires 11/29/10, Broker UBS Securities LLC	247,000	(161,291)
Merck KGaA, Strike Price EUR 63.66, Expires 11/16/10, Broker UBS Securities LLC	37,000	(1,819)
Metro AG, Strike Price EUR 48.39, Expires 11/16/10, Broker Credit Suisse First Boston	64,000	(179,991)
Mosaic Co. (The), Strike Price USD 61.55, Expires 11/09/10, Broker UBS Securities LLC	67,500	(785,144)
MTN Group Ltd., Strike Price ZAR 127.53, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	173,000	(21,755)
Naspers Ltd., Strike Price ZAR 311.10, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	63,000	(506,755)
National Grid Plc, Strike Price GBP 5.60, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	520,000	(251,557)
Nestle SA, Strike Price CHF 53.43, Expires 11/16/10, Broker Credit Suisse First Boston	43,300	(34,585)
Nestle SA, Strike Price CHF 53.68, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	125,200	(121,515)
New World Development Ltd., Strike Price HKD 15.30, Expires 11/09/10, Broker JPMorgan Chase Securities	1,438,000	(68,507)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Next Plc, Strike Price GBP 20.69, Expires 11/03/10, Broker Credit Suisse First Boston	78,500	(271,781)
NII Holdings, Inc., Strike Price USD 43.16, Expires 11/10/10, Broker Morgan Stanley & Co., Inc.	57,000	(31,549)
Nikon Corp., Strike Price JPY 1,645.85, Expires 12/01/10, Broker JPMorgan Chase Securities	118,000	(23,456)
Nobel Biocare Holding AG, Strike Price CHF 16.28, Expires 11/03/10, Broker UBS Securities LLC	45,500	(15,642)
Nordea Bank AB, Strike Price SEK 70.42, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	295,600	(148,222)
Novartis AG, Strike Price CHF 57.32, Expires 11/16/10, Broker UBS Securities LLC	88,600	(57,323)

Options Written

Contracts

Value

Over-the-Counter Call Options Written (continued)

NSK Ltd., Strike Price JPY 635.68, Expires 12/01/10, Broker JPMorgan Chase Securities	884,000	\$ (173,603)
NTT Data Corp., Strike Price JPY 257,829.53, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	770	(55,675)
NTT Data Corp., Strike Price JPY 280,184.72, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	240	(370)
OZ Minerals Ltd., Strike Price AUD 1.51, Expires 11/09/10, Broker JPMorgan Chase Securities	2,450,000	(188,479)
Pan American Silver Corp., Strike Price USD 31.53, Expires 12/15/10, Broker Morgan Stanley & Co., Inc.	74,000	(154,950)
Pan American Silver Corp., Strike Price USD 32.25, Expires 12/15/10, Broker UBS Securities LLC	42,000	(77,149)
Panasonic Corp., Strike Price JPY 1,175.81, Expires 11/09/10, Broker Goldman Sachs & Co.	188,000	(55,967)
Parmalat SpA, Strike Price EUR 1.99, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	897,000	(42,175)
PartyGaming Plc, Strike Price GBP 2.74, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	148,000	(2,754)
PartyGaming Plc, Strike Price GBP 2.99, Expires 11/11/10, Broker Deutsche Bank Securities Corp.	267,000	(1,478)
PartyGaming Plc, Strike Price GBP 3, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	148,000	(740)
PDG Realty SA Empreendimentos e Participacoes, Strike Price BRL 21.56, Expires 12/02/10, Broker Deutsche Bank Securities Corp.	114,600	(42,898)
PDG Realty SA Empreendimentos e Participacoes, Strike Price BRL 22.37, Expires 12/02/10, Broker Goldman Sachs & Co.	67,900	(14,973)
Roche Holding AG, Strike Price CHF 136.70, Expires 11/11/10, Broker UBS Securities LLC	19,100	(151,902)
Royal Bank of Canada, Strike Price CAD 54.52, Expires 11/10/10, Broker Goldman Sachs & Co.	58,000	(31,932)
Royal Bank of Scotland Group Plc, Strike Price GBP 0.47, Expires 11/03/10, Broker UBS Securities LLC	5,200,000	(27,560)
Royal Dutch Shell Plc - ADR, Strike Price USD 56.86, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	199,000	(1,605,134)
Royal Dutch Shell Plc - ADR, Strike Price USD 61.36, Expires 11/30/10, Broker UBS Securities LLC	33,000	(117,810)
Samsung Electronics Co. Ltd., Strike Price KRW 763,466.99, Expires 12/01/10, Broker JPMorgan Chase Securities	5,000	(53,087)
Samsung Securities Co. Ltd., Strike Price KRW 68,164.25, Expires 12/01/10, Broker JPMorgan Chase Securities	30,000	(17,340)
SAP AG - ADR, Strike Price USD 49.08, Expires 11/02/10, Broker JPMorgan Chase Securities	82,000	(216,956)
Siemens AG, Strike Price EUR 77.85, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	37,900	(246,455)
Siliconware Precision Industries Co. - ADR, Strike Price USD 5.47, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	150,000	(26,586)
Siliconware Precision Industries Co. - ADR, Strike Price USD 5.65, Expires 12/06/10, Broker Morgan Stanley & Co., Inc.	207,000	(47,453)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Singapore Telecommunications Ltd., Strike Price SGD 3.17, Expires 11/09/10, Broker Deutsche Bank Securities Corp.	2,034,000	(9,419)
Societe Generale, Strike Price EUR 44.46, Expires 12/07/10, Broker Credit Suisse First Boston	11,800	(22,908)
Software AG, Strike Price EUR 88.44, Expires 11/11/10, Broker Deutsche Bank Securities Corp.	14,200	(240,684)
Straits Asia Resources Ltd., Strike Price SGD 2.31, Expires 11/09/10, Broker Credit Suisse First Boston	2,488,000	(85,892)
Sumitomo Heavy Industries Ltd., Strike Price JPY 458.73, Expires 11/09/10, Broker Goldman Sachs & Co.	586,000	(92,314)
Sumitomo Mitsui Financial Group, Inc., Strike Price JPY 2,517.61, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	103,000	(30,083)
See Notes to Financial Statements.		

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Svenska Cellulosa AB, Strike Price SEK 104.03, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	279,600	\$ (68,566)
Swiss Reinsurance Co. Ltd., Strike Price CHF 44.01, Expires 11/11/10, Broker UBS Securities LLC	55,600	(184,757)
Taiwan Semiconductor Manufacturing Co. Ltd. - ADR, Strike Price USD 10.46, Expires 11/30/10, Broker UBS Securities LLC	255,000	(143,246)
Telefonica SA, Strike Price EUR 18.32, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	186,400	(284,360)
Telefonica SA, Strike Price EUR 19.75, Expires 11/29/10, Broker Credit Suisse First Boston	50,000	(19,823)
Tencent Holdings Ltd., Strike Price HKD 161.40, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	159,600	(351,998)
Tesco Plc, Strike Price GBP 4.28, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	629,400	(49,771)
Tokio Marine Holdings, Inc., Strike Price JPY 2,475.30, Expires 12/01/10, Broker Goldman Sachs & Co.	122,000	(19,611)
Tractebel Energia SA, Strike Price BRL 24.36, Expires 12/02/10, Broker Deutsche Bank Securities Corp.	187,000	(197,941)
TransCanada Corp., Strike Price CAD 38.49, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	74,000	(7,507)
Tryg AS, Strike Price DKK 279.96, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	39,300	(17,674)
Tullow Oil Plc, Strike Price GBP 12.96, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	107,600	(9,224)
Tullow Oil Plc, Strike Price GBP 13.19, Expires 11/11/10, Broker Credit Suisse First Boston	210,000	(5,764)
Tyco Electronics Ltd., Strike Price USD 27.48, Expires 11/09/10, Broker Citigroup Global Markets, Inc.	21,500	(90,300)
Tyco Electronics Ltd., Strike Price USD 28.50, Expires 11/09/10, Broker Goldman Sachs & Co.	69,000	(219,420)
UBS AG, Strike Price CHF 17.15, Expires 12/07/10, Broker Credit Suisse First Boston	133,800	(59,160)
Unibail-Rodamco SE - REIT, Strike Price EUR 141.92, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	21,648	(253,345)
UniCredit SpA, Strike Price EUR 1.92, Expires 12/07/10, Broker Citigroup Global Markets, Inc.	761,500	(65,745)
Unilever Plc, Strike Price GBP 18.21, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	156,600	(48,525)
Vodafone Group Plc - ADR, Strike Price USD 25.79, Expires 11/02/10, Broker JPMorgan Chase Securities	234,000	(402,878)
Volkswagen AG, Preference Shares, Strike Price EUR 90.49, Expires 11/11/10, Broker Morgan Stanley & Co., Inc.	32,100	(795,041)
Volvo AB, B Shares, Strike Price SEK 94.13, Expires 12/07/10, Broker Morgan Stanley & Co., Inc.	300,000	(80,390)
Want Want China Holdings Ltd., Strike Price HKD 7.42, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	2,928,000	(18,804)
WPP Plc, Strike Price GBP 7.24, Expires 11/11/10, Broker UBS Securities LLC	299,000	(66,223)
WPP Plc, Strike Price GBP 7.24, Expires 11/16/10, Broker UBS Securities LLC	299,000	(78,700)
Xstrata Plc, Strike Price GBP 12.05, Expires 11/11/10, Broker UBS Securities LLC	164,000	(112,880)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Xstrata Plc, Strike Price GBP 13.28, Expires 12/07/10, Broker Morgan Stanley & Co., Inc.	33,000	(13,039)
Yara International ASA, Strike Price NOK 266.30, Expires 11/03/10, Broker Deutsche Bank Securities Corp.	185,000	(1,343,996)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Zurich Financial Services AG, Strike Price CHF 235.98, Expires 11/16/10, Broker UBS Securities LLC	8,000	\$ (54,566)
Total Over-the-Counter Call Options Written		(26,457,294)
Over-the-Counter Put Options Written (0.0)%		
Deutsche Lufthansa AG, Strike Price EUR 12.50, Expires 11/02/10, Broker Citigroup Global Markets, Inc.	148,000	(2)
KT Corp. - ADR, Strike Price USD 20.75, Expires 11/30/10, Broker Citigroup Global Markets, Inc.	40,000	(30,421)
Total Over-the-Counter Put Options Written		(30,423)
Total Options Written (Premiums Received \$20,442,255) (2.6)%		(29,344,549)
Total Investments Net of Outstanding Options Written 95.7%		1,106,800,080
Other Assets Less Liabilities 4.3%		49,782,440
Net Assets 100.0%		\$ 1,156,582,520

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 1,084,173,265	
Gross unrealized appreciation	\$ 94,810,100	
Gross unrealized depreciation	(42,838,736)	
Net unrealized appreciation	\$ 51,971,364	

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (b) Non-income producing security.
- (c) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
	73,117,275	(15,667,236)	57,450,039	\$ 82,923

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

BlackRock Liquidity Funds, TempFund, Institutional Class BlackRock Liquidity Series, LLC Money Market Series	4,855,000	(4,855,000)	\$ 5,181
---	-----------	-------------	----------

(d) Represents current yield as of report date.
See Notes to Financial Statements.

ANNUAL REPORT

OCTOBER 31, 2010

51

Schedule of Investments (concluded)

BlackRock International Growth and Income Trust (BGY)

Foreign currency exchange contracts as of October 31, 2010 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
CAD 2,101,000	USD 2,058,018	Citigroup Global Markets	11/02/10	\$ 1,987
HKD 4,356,000	USD 561,702	Citigroup Global Markets	11/02/10	272
USD 2,083,206	CAD 2,140,000	Deutsche Bank Securities	11/01/10	(15,039)
USD 950,150	DKK 5,088,000	Deutsche Bank Securities	11/02/10	560
USD 44,798	SGD 58,000	Citigroup Global Markets	11/02/10	(14)
Total				\$ (12,234)

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks:				
Australia		\$ 6,296,585		\$ 6,296,585
Austria		3,646,164		3,646,164
Belgium		8,013,781		8,013,781
Brazil	\$ 39,977,559			39,977,559

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Canada	108,309,054		108,309,054
China	788,739	23,280,583	24,069,322
Denmark	3,712,137	15,000,796	18,712,933
Finland		6,633,901	6,633,901
France		28,344,386	28,344,386
Germany	13,447,045	81,552,988	95,000,033
Gibraltar		3,785,142	3,785,142
Hong Kong	13,112,136	41,112,479	54,224,615
India	3,318,048		3,318,048
Indonesia		16,039,450	16,039,450
Ireland	7,495,560		7,495,560
Israel	986,100		986,100
Italy		16,914,640	16,914,640
Japan		125,357,302	125,357,302
Malaysia		11,299,404	11,299,404
Mexico	17,312,826		17,312,826
Netherlands	4,074,714	17,224,681	21,299,395
Norway		16,292,900	16,292,900
Philippines	3,893,302		3,893,302
Singapore		18,617,271	18,617,271
South Africa	6,006,525	9,660,535	15,667,060
South Korea	3,057,982	18,931,224	21,989,206
Spain		29,917,507	29,917,507
Sweden		18,138,281	18,138,281
Switzerland	9,044,700	61,833,015	70,877,715
Taiwan	13,250,471	11,268,617	24,519,088
Thailand		11,971,363	11,971,363
United Kingdom	41,626,871	173,518,556	215,145,427
United States	14,629,270		14,629,270
Short-Term Securities	57,450,039		57,450,039
Total	\$ 361,493,078	\$ 774,651,551	\$ 1,136,144,629

Derivative Financial Instruments¹

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency exchange contracts		\$ 2,819		\$ 2,819
Liabilities:				
Equity contracts	\$ (2,587,131)	(26,757,418)		(29,344,549)
Foreign currency exchange contracts		(15,053)		(15,053)
Total	\$ (2,587,131)	\$ (26,769,652)		\$ (29,356,783)

¹ Derivative financial instruments are foreign currency exchange contracts and options. Foreign currency exchange contracts are shown at the unrealized appreciation/depreciation on the instrument and options are shown at value. See Notes to Financial Statements.

Schedule of Investments October 31, 2010

BlackRock Real Asset Equity Trust (BCF)
(Percentages shown are based on Net Assets)

Common Stocks	Shares	Value
Chemicals 10.8%		
Agrium, Inc. (a)	83,800	\$ 7,417,138
Air Products & Chemicals, Inc.	97,600	8,293,072
Celanese Corp., Series A	110,400	3,935,760
Dow Chemical (The) (a)	189,825	5,852,305
E.I. du Pont de Nemours & Co. (a)	462,979	21,889,647
Monsanto Co. (a)	78,000	4,634,760
Mosaic Co. (The) (a)	20,900	1,529,044
Olin Corp. (a)	199,900	3,996,001
Potash Corp. of Saskatchewan, Inc. (a)	67,500	9,793,575
Praxair, Inc.	168,700	15,409,058
		82,750,360
Containers & Packaging 0.9%		
Temple-Inland, Inc. (a)	347,183	7,193,632
Energy Equipment & Services 4.9%		
Basic Energy Services, Inc. (b)	58,300	644,798
Calfrac Well Services Ltd.	18,000	452,515
Core Laboratories NV	132,272	10,286,793
Halliburton Co.	198,400	6,321,024
Key Energy Services, Inc. (a)(b)	294,800	2,903,780
Noble Corp. (a)	54,900	1,895,697
Schlumberger Ltd. (a)	134,428	9,395,173
Seadrill Ltd.	103,700	3,147,909
Technip SA	29,700	2,502,035
		37,549,724
Gas Utilities 0.8%		
EQT Corp. (a)	161,100	6,031,584
Machinery 3.6%		
Caterpillar, Inc. (a)	265,825	20,893,845
Deere & Co. (a)	82,700	6,351,360
		27,245,205
Metals & Mining 45.3%		
African Rainbow Minerals Ltd.	278,750	7,098,241
Agnico-Eagle Mines Ltd. (a)	113,650	8,818,103
Alamos Gold, Inc.	915,000	14,165,948
Alcoa, Inc.	319,150	4,190,440
Allegheny Technologies, Inc. (a)	43,100	2,270,939
Alumina, Ltd.	1,575,866	3,148,898
Anglo American Plc	97,945	4,563,571
Anglo Platinum Ltd. (b)	50,444	4,983,769
Barrick Gold Corp.	102,800	4,943,652
BHP Billiton Plc	878,600	31,124,565
Carpenter Technology Corp. (a)	44,966	1,603,488
Cia de Minas Buenaventura SA - ADR (a)	219,500	11,642,280

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Cliffs Natural Resources, Inc.	30,200	1,969,040
Eramet	16,250	5,641,186
First Quantum Minerals Ltd.	130,000	11,383,763
Freeport-McMoRan Copper & Gold, Inc. (a)	75,300	7,129,404
Fresnillo Plc	500,000	10,011,857
Goldcorp, Inc.	190,150	8,478,788
Harry Winston Diamond Corp. (a)(b)	159,700	2,040,289
Iluka Resources Ltd. (b)	1,712,586	11,335,106
Impala Platinum Holdings Ltd.	510,200	14,404,035
Industrias Penoles SAB de CV	513,569	14,555,281
Jiangxi Copper Co. Ltd.	1,679,500	4,700,881
Kazakhmys Plc	251,400	5,297,326
Minara Resources Ltd. (b)	1,673,050	1,245,559
Minsur SA	1,504,804	5,135,207
MMC Norilsk Nickel	17,866	3,161,119
MMC Norilsk Nickel - ADR	17,323	322,386
Newcrest Mining Ltd.	138,585	5,453,838
Newmont Mining Corp.	69,150	4,209,161
OZ Minerals Ltd.	5,643,057	8,703,275
Rio Tinto Plc	517,104	33,586,222
Southern Copper Corp. (a)	85,500	3,659,400

Common Stocks

	Shares	Value
Metals & Mining (concluded)		
Straits Resources Ltd.	723,850	\$ 1,326,974
Teck Resources Ltd., Class B (a)	308,800	13,806,530
United States Steel Corp.	42,100	1,801,459
Vale SA - ADR (a)	849,600	27,306,144
Vedanta Resources Plc	432,700	14,389,256
Xstrata Plc	1,177,996	22,821,768
Zijin Mining Group Co. Ltd.	4,273,750	4,040,055
		346,469,203

Oil & Gas Services 0.2%

Trican Well Service Ltd. (a)	114,300	1,981,394
------------------------------	---------	-----------

Oil, Gas & Consumable Fuels 27.7%

Alpha Natural Resources, Inc. (a)(b)	119,400	5,393,298
Apache Corp.	100,300	10,132,306
Arch Coal, Inc.	90,800	2,232,772
Bill Barrett Corp. (a)(b)	77,300	2,918,075
Cenovus Energy, Inc.	133,700	3,719,534
Chevron Corp.	18,500	1,528,285
ConocoPhillips (a)	23,900	1,419,660
Consol Energy, Inc. (a)	245,279	9,016,456
Crescent Point Energy Corp. (a)	168,800	6,686,459
Denbury Resources, Inc. (a)(b)	385,900	6,568,018
EnCana Corp. (a)	158,850	4,482,747
Energy XXI Bermuda Ltd. (a)(b)	137,600	2,991,424
EOG Resources, Inc. (a)	107,300	10,270,756
Exxon Mobil Corp.	117,000	7,776,990
Forest Oil Corp. (a)(b)	150,100	4,612,573
Galleon Energy, Inc. (b)	322,900	1,234,739
Gasco Energy, Inc. (b)	579,700	197,098
Hess Corp. (a)	59,800	3,769,194
Massey Energy Co. (a)	291,500	12,263,405
Murphy Oil Corp. (a)	34,300	2,234,988
Newfield Exploration Co. (b)	142,900	8,519,698
Noble Energy, Inc. (a)	81,300	6,624,324
Occidental Petroleum Corp. (a)	121,100	9,522,093
OGX Petroleo e Gas Participacoes SA (b)	610,000	7,975,240
Patriot Coal Corp. (a)(b)	18,960	255,770
Peabody Energy Corp.	190,000	10,051,000
Penn West Energy Trust (a)	391,000	8,914,800

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

PetroBakken Energy Ltd.	38,710	854,740
PetroChina Co. Ltd. - ADR (a)	15,200	1,868,840
Plains Exploration & Production Co. (a)(b)	191,500	5,337,105
Premier Oil Plc (b)	112,700	3,035,658
QEP Resources, Inc.	122,500	4,046,175
Quicksilver Resources, Inc. (a)(b)(c)	357,400	5,350,278
Range Resources Corp.	116,200	4,344,718
Southwestern Energy Co. (a)(b)	154,300	5,223,055
StatoilHydro ASA	204,700	4,471,025
Suncor Energy, Inc. (a)	155,900	4,990,359
Talisman Energy, Inc.	340,200	6,171,228
Ultra Petroleum Corp. (b)	65,300	2,687,095
Whiting Petroleum Corp. (a)(b)	124,000	12,454,560

212,146,538

Paper & Forest Products 5.4%

Fibria Celulose SA - ADR (b)	332,200	5,966,312
International Paper Co.	446,400	11,284,992
MeadWestvaco Corp.	490,700	12,625,711
Mondi Ltd. (b)	19,005	142,519
Mondi Plc	322,512	2,685,381
Weyerhaeuser Co.	515,473	8,360,971

41,065,886

Total Long-Term Investments

(Cost \$652,134,748) 99.6%

762,433,526

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Real Asset Equity Trust (BCF)
(Percentages shown are based on Net Assets)

Short-Term Securities	Shares/Beneficial Interest	Value
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.21% (d)(e)	22,448,837	\$ 22,448,837
BlackRock Liquidity Series, LLC, Money Market Series, 0.39% (d)(e)(f)	2,250,000	2,250,000
Total Short-Term Securities (Cost \$24,698,837) 3.3%		24,698,837

Options Purchased	Contracts	
Over-The-Counter Put Options Purchased 0.0%		
Energy XXI Bermuda Ltd., Strike Price USD 18, Expires 11/02/10, Broker UBS Securities LLC	17,500	2
Total Options Purchased (Cost \$2,100) 0.0%		2
Total Investments Before Outstanding Options Written (Cost \$676,835,685*) 102.9%		787,132,365

Options Written

Exchange-Traded Call Options Written (1.0%)		
Agnico-Eagle Mines Ltd., Strike Price USD 65, Expires 11/22/10	300	(389,250)
Agnico-Eagle Mines Ltd., Strike Price USD 70, Expires 11/22/10	150	(122,625)
Agrium, Inc., Strike Price USD 72, Expires 11/05/10	250	(412,786)
Agrium, Inc., Strike Price USD 75, Expires 11/02/10	65	(87,821)
Allegheny Technologies, Inc., Strike Price USD 45, Expires 11/02/10	150	(115,350)
Alpha Natural Resources, Inc., Strike Price USD 43, Expires 11/22/10	250	(80,000)
Alpha Natural Resources, Inc., Strike Price USD 43, Expires 12/20/10	130	(52,650)
Bill Barrett Corp., Strike Price USD 35.75, Expires 11/08/10	60	(13,357)
Carpenter Technology Corp., Strike Price USD 35, Expires 11/22/10	158	(29,625)
Caterpillar, Inc., Strike Price USD 72.50, Expires 11/22/10	997	(650,543)
Cia de Minas Buenaventura SA - ADR, Strike Price USD 40, Expires 11/05/10	408	(532,032)
ConocoPhillips, Strike Price USD 61.45, Expires 12/10/10	85	(7,290)
Consol Energy, Inc., Strike Price USD 39, Expires 11/22/10	350	(14,700)
Crescent Point Energy Corp., Strike Price CAD 42, Expires 1/24/11	300	(16,913)
Deere & Co., Strike Price USD 70, Expires 12/20/10	310	(250,325)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Denbury Resources, Inc., Strike Price USD 16, Expires 12/20/10	835	(129,425)
Dow Chemical Co. (The), Strike Price USD 28, Expires 11/22/10	400	(124,000)
E.I. du Pont de Nemours & Co., Strike Price USD 43, Expires 11/04/10	110	(47,080)
EnCana Corp., Strike Price USD 30, Expires 11/22/10	150	(5,250)
Energy XXI Bermuda Ltd., Strike Price USD 25, Expires 12/18/10	37	(3,422)
Energy XXI Bermuda Ltd., Strike Price USD 30, Expires 11/22/10	40	(300)
EOG Resources, Inc., Strike Price USD 105, Expires 11/22/10	250	(18,625)
EQT Corp., Strike Price USD 35, Expires 11/22/10	300	(78,000)
Forest Oil Corp., Strike Price USD 31, Expires 11/22/10	500	(52,500)
Freeport-McMoRan Copper & Gold, Inc., Strike Price USD 75, Expires 11/22/10	282	(564,000)
Harry Winston Diamond Corp., Strike Price CAD 13, Expires 11/22/10	260	(11,089)
Hess Corp., Strike Price USD 55, Expires 11/22/10	200	(163,500)

Options Written

Contracts

Value

Exchange-Traded Call Options Written (concluded)

Key Energy Services, Inc., Strike Price USD 10, Expires 12/20/10	980	\$ (56,350)
Monsanto Co., Strike Price USD 57.50, Expires 12/20/10	255	(110,925)
Mosaic Co. (The), Strike Price USD 65, Expires 12/20/10	79	(77,815)
Murphy Oil Corp., Strike Price USD 66, Expires 11/30/10	150	(26,419)
Noble Corp., Strike Price USD 34, Expires 12/20/10	75	(16,275)
Noble Energy, Inc., Strike Price USD 70, Expires 11/22/10	100	(116,000)
Noble Energy, Inc., Strike Price USD 80, Expires 11/22/10	250	(70,000)
Occidental Petroleum Corp., Strike Price USD 80, Expires 11/22/10	430	(61,490)
Olin Corp., Strike Price USD 20, Expires 11/22/10	635	(33,337)
Patriot Coal Corp., Strike Price USD 14, Expires 12/20/10	63	(5,229)
Penn West Energy Trust, Strike Price USD 22.50, Expires 12/20/10	247	(22,847)
PetroChina Co. Ltd. - ADR, Strike Price USD 115, Expires 12/20/10	57	(55,860)
Plains Exploration & Production Co., Strike Price USD 25, Expires 11/22/10	405	(129,600)
Plains Exploration & Production Co., Strike Price USD 28, Expires 11/22/10	300	(38,400)
Potash Corp of Saskatchewan, Inc., Strike Price USD 150, Expires 11/02/10	55	(2,472)
Quicksilver Resources, Inc., Strike Price USD 13, Expires 11/22/10	400	(84,000)
Schlumberger Ltd., Strike Price USD 60, Expires 11/22/10	380	(382,850)
Schlumberger Ltd., Strike Price USD 62.50, Expires 11/22/10	100	(77,000)
Schlumberger Ltd., Strike Price USD 66, Expires 12/15/10	115	(60,996)
Southern Copper Corp., Strike Price USD 30, Expires 11/08/10	280	(358,400)
Southwestern Energy Co., Strike Price USD 34, Expires 11/22/10	390	(37,245)
Suncor Energy, Inc., Strike Price USD 32.50, Expires 11/05/10	400	(15,480)
Suncor Energy, Inc., Strike Price USD 34, Expires 11/22/10	100	(3,650)
Suncor Energy, Inc., Strike Price USD 35, Expires 11/22/10	100	(2,100)
Teck Resources Ltd., Strike Price CAD 35, Expires 11/22/10	575	(603,245)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Teck Resources Ltd., Strike Price CAD 36, Expires 11/22/10	575	(544,048)
Temple-Inland, Inc., Strike Price USD 19, Expires 11/22/10	800	(164,000)
Temple-Inland, Inc., Strike Price USD 20, Expires 11/22/10	500	(66,250)
Trican Well Service Ltd., Strike Price CAD 16, Expires 11/22/10	430	(74,836)
Vale SA - ADR, Strike Price USD 30, Expires 11/22/10	200	(50,000)
Vale SA - ADR, Strike Price USD 34, Expires 11/22/10	200	(7,000)
Total Exchange-Traded Call Options Written		(7,326,577)

Exchange-Traded Put Options Written (0.0)%

Basic Energy Services, Inc., Strike Price USD 11, Expires 11/08/10	100	(4,269)
Denbury Resources, Inc., Strike Price USD 16, Expires 11/22/10	90	(2,250)
Total Exchange-Traded Put Options Written		(6,519)

Over-the-Counter Call Options Written (2.2)%

African Rainbow Minerals Ltd., Strike Price ZAR 166.86, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	52,000	(87,115)
---	--------	----------

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Real Asset Equity Trust (BCF)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
African Rainbow Minerals Ltd., Strike Price ZAR 172.53, Expires 11/11/10, Broker Citigroup Global Markets, Inc.	52,500	\$ (56,416)
Air Products & Chemicals, Inc., Strike Price USD 77.30, Expires 11/05/10, Broker UBS Securities LLC	36,600	(280,722)
Alcoa, Inc., Strike Price USD 10.53, Expires 11/04/10, Broker JPMorgan Chase Securities	119,700	(310,873)
Alpha Natural Resources, Inc., Strike Price USD 42, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	30,000	(98,171)
Alumina Ltd., Strike Price AUD 2.08, Expires 12/01/10, Broker JPMorgan Chase Securities	520,000	(39,405)
Anglo American Plc, Strike Price GBP 26.52, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	36,800	(151,056)
Anglo Platinum Ltd., Strike Price ZAR 746.20, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	18,900	(558)
Apache Corp., Strike Price USD 90.26, Expires 11/02/10, Broker UBS Securities LLC	17,500	(188,300)
Apache Corp., Strike Price USD 94.85, Expires 11/05/10, Broker JPMorgan Chase Securities	17,500	(109,005)
Arch Coal, Inc., Strike Price USD 24.50, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	31,000	(16,678)
Arch Coal, Inc., Strike Price USD 25.06, Expires 11/02/10, Broker UBS Securities LLC	30,000	(6,437)
Barrick Gold Corp., Strike Price USD 45.28, Expires 11/04/10, Broker JPMorgan Chase Securities	29,000	(83,108)
Barrick Gold Corp., Strike Price USD 45.50, Expires 11/02/10, Broker UBS Securities LLC	10,000	(26,168)
BHP Billiton Plc, Strike Price GBP 20.59, Expires 11/03/10, Broker UBS Securities LLC	329,500	(801,290)
Bill Barrett Corp., Strike Price USD 34.71, Expires 11/08/10, Broker UBS Securities LLC	21,000	(65,629)
Calfrac Well Services Ltd., Strike Price CAD 25.86, Expires 12/15/10, Broker Morgan Stanley & Co., Inc.	6,000	(5,735)
Celanese Corp., Strike Price USD 27.51, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	13,000	(105,820)
Celanese Corp., Strike Price USD 32.68, Expires 11/05/10, Broker JPMorgan Chase Securities	25,700	(76,840)
Cenovus Energy, Inc., Strike Price USD 28.22, Expires 11/10/10, Broker JPMorgan Chase Securities	46,800	(17,910)
Chevron Corp., Strike Price USD 77.41, Expires 11/02/10, Broker JPMorgan Chase Securities	6,500	(33,836)
Cia de Minas Buenaventura SA - ADR, Strike Price USD 37.54, Expires 11/04/10, Broker UBS Securities LLC	41,500	(643,250)
Cliff Natural Resources, Inc., Strike Price USD 63.44, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	12,500	(36,383)
Consol Energy, Inc., Strike Price USD 37.10, Expires 11/02/10, Broker Credit Suisse First Boston	25,000	(9,625)
Consol Energy, Inc., Strike Price USD 42.14, Expires 11/05/10, Broker Credit Suisse First Boston	10,000	(32)
Consol Energy, Inc., Strike Price USD 42.98, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	
Core Laboratories NV, Strike Price USD 79.96, Expires 11/05/10, Broker Deutsche Bank Securities Corp.	15,000	(5,685)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Core Laboratories NV, Strike Price USD 86.86, Expires 11/15/10, Broker Morgan Stanley & Co., Inc.	34,500	(1,052)
Crescent Point Energy Corp., Strike Price CAD 37.91, Expires 11/02/10, Broker Deutsche Bank Securities Corp.	30,000	(73,301)
Denbury Resources, Inc., Strike Price USD 15.47, Expires 11/04/10, Broker JPMorgan Chase Securities	57,500	(90,184)
Dow Chemical Co. (The), Strike Price USD 24.93, Expires 11/04/10, Broker JPMorgan Chase Securities	30,200	(178,231)
E.I. du Pont de Nemours & Co., Strike Price USD 44.95, Expires 11/04/10, Broker JPMorgan Chase Securities	162,000	(379,197)

Options Written	Contracts	Value
-----------------	-----------	-------

Over-the-Counter Call Options Written (continued)

EnCana Corp., Strike Price USD 29.51, Expires 11/05/10, Broker Credit Suisse First Boston	30,000	\$ (2,194)
Energy XXI Bermuda Ltd., Strike Price USD 22.50, Expires 11/02/10, Broker UBS Securities LLC	16,000	(4,970)
EOG Resources, Inc., Strike Price USD 94.37, Expires 11/02/10, Broker Credit Suisse First Boston	10,000	(21,213)
EQT Corp., Strike Price USD 38.44, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	10,000	(1,418)
EQT Corp., Strike Price USD 39.80, Expires 11/12/10, Broker UBS Securities LLC	10,000	(727)
Eramet, Strike Price EUR 218.40, Expires 11/03/10, Broker Credit Suisse First Boston	3,300	(142,770)
Eramet, Strike Price EUR 232.61, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	2,800	(65,611)
Exxon Mobil Corp., Strike Price USD 62.27, Expires 11/08/10, Broker UBS Securities LLC	41,000	(172,200)
Fibria Celulose SA - ADR, Strike Price USD 17.43, Expires 11/08/10, Broker UBS Securities LLC	124,500	(100,799)
First Quantum Minerals Ltd., Strike Price CAD 60.16, Expires 11/04/10, Broker UBS Securities LLC	48,000	(1,371,899)
Fresnillo Plc, Strike Price GBP 11.26, Expires 11/03/10, Broker Credit Suisse First Boston	187,500	(376,221)
Galleon Energy, Inc., Strike Price CAD 3.67, Expires 11/09/10, Broker Morgan Stanley & Co., Inc.	26,500	(6,830)
Galleon Energy, Inc., Strike Price CAD 3.68, Expires 11/04/10, Broker Goldman Sachs & Co.	80,000	(18,296)
Goldcorp, Inc., Strike Price USD 42.47, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	36,000	(80,189)
Goldcorp, Inc., Strike Price USD 45.21, Expires 12/15/10, Broker UBS Securities LLC	26,500	(46,902)
Halliburton Co., Strike Price USD 29.66, Expires 11/08/10, Broker UBS Securities LLC	69,500	(165,588)
Harry Winston Diamond Corp., Strike Price CAD 11.59, Expires 11/04/10, Broker UBS Securities LLC	30,000	(42,459)
Iluka Resources Ltd., Strike Price AUD 6.95, Expires 12/01/10, Broker Citigroup Global Markets, Inc.	565,200	(102,210)
Impala Platinum Holdings Ltd., Strike Price ZAR 208.92, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	191,500	(7,041)
Industrias Penoles SAB de CV, Strike Price MXN 274.76, Expires 11/08/10, Broker Credit Suisse First Boston	200,000	(1,223,825)
Industrias Penoles SAB de CV, Strike Price MXN 285.61, Expires 11/16/10, Broker Morgan Stanley & Co., Inc.	41,500	(218,547)
International Paper Co., Strike Price USD 21.57, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	167,400	(621,054)
Jiangxi Copper Co. Ltd., Strike Price HKD 22.39, Expires 12/01/10, Broker Deutsche Bank Securities Corp.	555,000	(49,153)
Kazakhmys Plc, Strike Price GBP 12.98, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	94,300	(52,061)
Massey Energy Co., Strike Price USD 33.18, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	100,000	(889,000)
MeadWestvaco Corp., Strike Price USD 21.82, Expires 11/04/10, Broker Credit Suisse First Boston	92,000	(360,143)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

MeadWestvaco Corp., Strike Price USD 24.35, Expires 11/12/10, Broker Citigroup Global Markets, Inc.	92,000	(132,654)
Minara Resources Ltd., Strike Price AUD 0.83, Expires 12/01/10, Broker Citigroup Global Markets, Inc.	552,100	(5,530)
Minsur SA, Strike Price PEN 6.86, Expires 11/16/10, Broker Citigroup Global Markets, Inc.	250,000	(240,430)
Minsur SA, Strike Price PEN 6.87, Expires 11/08/10, Broker Citigroup Global Markets, Inc.	250,000	(239,500)
MMC Norilsk Nickel - ADR, Strike Price USD 17.60, Expires 11/03/10, Broker Credit Suisse First Boston	17,300	(18,182)
Mondi Plc, Strike Price GBP 4.76, Expires 11/03/10, Broker UBS Securities LLC	121,000	(85,608)
See Notes to Financial Statements.		

ANNUAL REPORT

OCTOBER 31, 2010

55

Schedule of Investments (continued)

BlackRock Real Asset Equity Trust (BCF)
(Percentages shown are based on Net Assets)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (continued)		
Newcrest Mining Ltd., Strike Price AUD 42.03, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	45,800	\$ (27,103)
Newfield Exploration Co., Strike Price USD 52, Expires 11/05/10, Broker UBS Securities LLC	53,500	(407,911)
Newmont Mining Corp., Strike Price USD 59.67, Expires 11/04/10, Broker JPMorgan Chase Securities	26,000	(43,852)
Noble Corp., Strike Price USD 35.27, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	13,198	(3,226)
OGX Petroleo e Gas Participacoes SA, Strike Price BRL 20.49, Expires 11/08/10, Broker Citigroup Global Markets, Inc.	200,000	(207,706)
OZ Minerals Ltd., Strike Price AUD 1.65, Expires 12/01/10, Broker JPMorgan Chase Securities	1,862,200	(74,539)
Peabody Energy Corp., Strike Price USD 47, Expires 11/04/10, Broker Morgan Stanley & Co., Inc.	44,000	(259,600)
Peabody Energy Corp., Strike Price USD 48.12, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	27,500	(131,340)
Penn West Energy Trust, Strike Price USD 19.34, Expires 11/05/10, Broker UBS Securities LLC	55,000	(190,300)
Penn West Energy Trust, Strike Price USD 20.01, Expires 11/05/10, Broker Morgan Stanley & Co., Inc.	66,800	(186,372)
PetroBakken Energy Ltd., Strike Price CAD 20.44, Expires 11/04/10, Broker Goldman Sachs & Co.	14,500	(29,572)
Potash Corp of Saskatchewan, Inc., Strike Price USD 156.35, Expires 11/05/10, Broker UBS Securities LLC	19,800	(2,674)
Praxair, Inc., Strike Price USD 90.80, Expires 11/05/10, Broker JPMorgan Chase Securities	63,500	(85,096)
Premier Oil Plc, Strike Price GBP 15.79, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	42,200	(69,751)
QEP Resources, Inc., Strike Price USD 30.80, Expires 11/02/10, Broker UBS Securities LLC	21,500	(47,945)
QEP Resources, Inc., Strike Price USD 31.39, Expires 11/08/10, Broker UBS Securities LLC	21,500	(36,454)
Quicksilver Resources, Inc., Strike Price USD 12.59, Expires 11/04/10, Broker JPMorgan Chase Securities	85,000	(202,453)
Range Resources Corp., Strike Price USD 35, Expires 11/05/10, Broker Citigroup Global Markets, Inc.	43,500	(107,163)
Range Resources Corp., Strike Price USD 41.71, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	10,000	(7)
Rio Tinto Plc, Strike Price GBP 34.97, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	194,000	(1,730,311)
Seadrill Ltd., Strike Price NOK 147.60, Expires 11/03/10, Broker Credit Suisse First Boston	35,000	(180,396)
Southwestern Energy Co., Strike Price USD 40.30, Expires 11/02/10, Broker Morgan Stanley & Co., Inc.	15,000	
Statoil ASA, Strike Price NOK 128.26, Expires 11/11/10, Broker Deutsche Bank Securities Corp.	76,700	(23,276)
Straits Resources Ltd., Strike Price AUD 1.92, Expires 12/01/10, Broker Morgan Stanley & Co., Inc.	238,900	(11,421)
Talisman Energy, Inc., Strike Price USD 17.56, Expires 11/05/10, Broker UBS Securities LLC	120,000	(82,289)
Technip SA, Strike Price EUR 54.70, Expires 11/03/10, Broker Morgan Stanley & Co., Inc.	11,200	(90,865)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

Ultra Petroleum Corp., Strike Price USD 40.64, Expires 11/05/10, Broker Goldman Sachs & Co.	23,000	(23,900)
United States Steel Corp., Strike Price USD 48.80, Expires 11/05/10, Broker UBS Securities LLC	15,800	(175)
Vale SA - ADR, Strike Price USD 29.09, Expires 11/04/10, Broker UBS Securities LLC	296,000	(902,800)
Vedanta Resources Plc, Strike Price GBP 26.33, Expires 11/03/10, Broker Citigroup Global Markets, Inc.	162,300	(5)
Weyerhaeuser Co., Strike Price USD 16.80, Expires 11/05/10, Broker JPMorgan Chase Securities	89,500	(7,203)
Weyerhaeuser Co., Strike Price USD 17.05, Expires 11/02/10, Broker JPMorgan Chase Securities	65,000	(1,025)

Options Written	Contracts	Value
Over-the-Counter Call Options Written (concluded)		
Weyerhaeuser Co., Strike Price USD 17.15, Expires 11/02/10, Broker JPMorgan Chase Securities	50,000	\$ (508)
Whiting Petroleum Corp., Strike Price USD 100.10, Expires 11/19/10, Broker JPMorgan Chase Securities	16,000	(54,432)
Whiting Petroleum Corp., Strike Price USD 96.41, Expires 11/05/10, Broker JPMorgan Chase Securities	16,000	(72,502)
Whiting Petroleum Corp., Strike Price USD 98.25, Expires 11/12/10, Broker JPMorgan Chase Securities	16,000	(61,615)
Xstrata Plc, Strike Price GBP 11.06, Expires 11/03/10, Broker Credit Suisse First Boston	440,000	(739,428)
Zijin Mining Group Co. Ltd., Strike Price HKD 8.19, Expires 12/01/10, Broker Deutsche Bank Securities Corp.	1,410,000	(31,078)
Total Over-the-Counter Call Options Written		(16,969,529)
Over-the-Counter Put Option Written (0.0)%		
Energy XXI Bermuda Ltd., Strike Price USD 17.50, Expires 11/02/10, Broker UBS Securities LLC	17,500	(7)
Total Options Written (Premiums Received \$11,589,432) (3.2)%		(24,302,632)
Total Investments Net of Outstanding Options Written 99.7%		762,829,733
Other Assets Less Liabilities 0.3%		2,633,471
Net Assets 100.0%		\$ 765,463,204

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2010, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 714,162,934
Gross unrealized appreciation	\$ 149,273,254
Gross unrealized depreciation	(76,303,823)
Net unrealized appreciation	\$ 72,969,431

- (a) Security, or a portion thereof, pledged/held as collateral for outstanding options written.
- (b) Non-income producing security.
- (c) Security, or a portion of security, is on loan.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSR

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

Affiliate	Shares/ Beneficial Interest Held at October 31, 2009	Net Activity	Shares/ Beneficial Interest Held at October 31, 2010	Income
BlackRock Liquidity Funds, TempFund, Institutional Class	35,341,819	(12,892,982)	22,448,837	\$ 47,952
BlackRock Liquidity Series, LLC Money Market Series	1,360,000	890,000	2,250,000	\$ 3,911

(e) Represents current yield as of report date.

(f) Security purchased with the cash collateral from securities loans.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Real Asset Equity Trust (BCF)

Foreign currency exchange contracts as of October 31, 2010 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Depreciation
USD 19,587	CAD 20,000	Citigroup Global Markets	11/01/10	\$ (22)

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

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 Trust'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 Trust's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of October 31, 2010 in determining the fair valuation of the Trust's investments and derivatives:

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Investments in Securities:				
Common Stocks:				
Chemicals	\$ 82,750,360			\$ 82,750,360
Containers & Packaging	7,193,632			7,193,632
Energy Equipment & Services	31,899,780	\$ 5,649,944		37,549,724
Gas Utilities	6,031,584			6,031,584
Machinery	27,245,205			27,245,205
Metals & Mining	149,109,316	197,359,887		346,469,203
Oil & Gas Services	1,981,394			1,981,394
Oil, Gas & Consumable Fuels	204,639,855	7,506,683		212,146,538
Paper & Forest Products	38,380,505	2,685,381		41,065,886
Short-Term Securities	22,448,837	2,250,000		24,698,837
Total	\$ 571,680,468	\$ 215,451,895		\$ 787,132,363

Derivative Financial Instruments¹

Valuation Inputs	Level 1	Level 2	Level 3	Total
Assets:				
Equity contracts		\$ 2		\$ 2
Liabilities:				
Equity contracts	\$ (5,649,344)	(18,653,288)		(24,302,632)
Foreign currency exchange contracts		(22)		(22)