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BlackRock Health Sciences Trust  
Form NSAR-A  
June 27, 2008

PAGE 1  
000 A000000 04/30/2008  
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000 E000000 NF  
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000 G000000 N  
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001 A000000 BLACKROCK HEALTH SCIENCES TRUST  
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013 A000001 DELOITTE & TOUCHE LLP  
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014 A000001 BLACKROCK INVESTMENTS, INC.  
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014 A000002 NORTHERN FUND DISTRIBUTORS, LLC  
014 B000002 8-051242  
014 A000003 PNC CAPITAL MARKETS, INC.  
014 B000003 8-032493  
014 A000004 J.J.B. HILLIARD W.L. LYONS, INC.  
014 B000004 8-033133  
014 A000005 PFPC DISTRIBUTORS, INC.  
014 B000005 8-045467  
014 A000006 MGI FUNDS DISTRIBUTOR, INC.  
014 B000006 8-046960  
014 A000007 BB&T AM Distributors, Inc.  
PAGE 2  
014 B000007 8-052396  
014 A000008 BLACKROCK DISTRIBUTORS, INC.  
014 B000008 8-048775  
014 A000009 PERSIMMON SECURITIES  
014 B000009 8-053071  
014 A000010 PNC INVESTMENTS LLC

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014 B000010 8-066195  
014 A000011 MLPF&S AND OTHER ML BROKER/DEALER AFFILIATES  
014 B000011 8-7221  
014 A000012 Harris Williams LLC  
014 B000012 8-53380  
014 A000013 Mercantile Brokerage Services, Inc.  
014 B000013 8-18210  
014 A000014 Northern Trust Securities, Inc.  
014 B000014 8-23689  
014 A000015 PNC Brokerage Corp.  
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SIGNATURE	DONALD C. BURKE	
TITLE	TREASURER	