

EATON VANCE SENIOR INCOME TRUST  
Form NSAR-A  
February 26, 2010

PAGE 1  
000 A000000 12/31/2009  
000 C000000 0001070732  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 EATON VANCE SENIOR INCOME TRUST  
001 B000000 811-09013  
001 C000000 6174828260  
002 A000000 Two International Place  
002 B000000 BOSTON  
002 C000000 MA  
002 D010000 02110  
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008 A000001 Eaton Vance Management  
008 B000001 A  
008 C000001 801-15930  
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012 A000001 American Stock Transfer & Trust Company  
012 B000001 84-00416  
012 C010001 New York  
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012 C030001 11219  
013 A000001 Deloitte & Touche LLP  
013 B010001 Boston  
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013 B030001 02116  
013 B040001 5022  
014 A000001 Eaton Vance Distributors, Inc.  
014 B000001 8-047939  
015 A000001 State Street Bank and Trust Company  
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015 C010001 Boston  
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PAGE 2  
018 000000 Y  
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019 C000000 EATONVANCE  
021 000000 0  
022 A000001 State Street Bank and Trust Company

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022	C000001	874964
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087	A020000	27826S103
087	A030000	EVF
088	A000000	Y
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	BARBARA E. CAMPBELL	
TITLE	TREASURER	