NPORT-EX 2 edgar.htm **Schedule of Investments(a)**

March 31, 2020 (Unaudited)

	Principal Amount	Value		Principal Amount	Value
U.S. Dollar Denominated Bor	ds & Notes-39.60)%	Asset Management & Custody Banks–(continued)		
Advertising-0.62%			Carlyle Finance Subsidiary		
Interpublic Group of Cos., Inc.			LLC, 3.50%, 09/19/2029(b)	\$ 124,000	\$ 111,389
(The),			Northern Trust Corp., 3.38% (3		
2.75% 40/04/2024	Ф 054.000	ф осо c70	mo. USD LIBOR + 1.13%),	00.000	00.000
3.75%, 10/01/2021	\$ 251,000	\$ 253,579	05/08/2032(c)	92,000	89,300
4.20%, 04/15/2024	242,000	245,615	State Street Corp.,	40.000	44.054
WPP Finance 2010 (United			2.90%, 03/30/2026(b)(c)	43,000	44,054
Kingdom), 3.75%, 09/19/2024	249,000	253,573	3.15%, 03/30/2031(b)(c)	29,000	29,817
09/19/2024	249,000				756,921
		752,767	Automobile Manufacturers-1.94	%	
Aerospace & Defense–0.64%			Daimler Finance North America		
BAE Systems Holdings, Inc.			LLC (Germany), 2.55%,		
(United Kingdom), 3.85%,	404.000	404.070	08/15/2022(b)	319,000	306,257
12/15/2025(b)	191,000	194,679	General Motors Co., 6.25%,		
L3Harris Technologies, Inc.,			10/02/2043	61,000	48,628
3.85%, 06/15/2023(b)	246,000	256,257	General Motors Financial Co.,		
Northrop Grumman Corp.,			Inc.,		
4.75%, 06/01/2043	136,000	163,874	4.20%, 11/06/2021	250,000	238,790
Raytheon Technologies Corp.,			4.15%, 06/19/2023	241,000	219,502
3.95%, 08/16/2025	149,000	163,336	Harley-Davidson Financial		
		778,146	Services, Inc., 2.55%,		
Agricultural & Farm Machinery-	0.16%		06/09/2022(b)	246,000	236,092
Deere & Co.,			Hyundai Capital America,		
2.75%, 04/15/2025	43,000	44,553	4.13%, 06/08/2023(b)	245,000	240,579
3.10%, 04/15/2030	56,000	59,452	Nissan Motor Acceptance		
3.75%, 04/15/2050	78,000	91,167	Corp., 3.65%, 09/21/2021(b)	310,000	303,880
		195,172	Toyota Motor Credit Corp.,		
Agricultural Products-0.42%		<u> </u>	3.00%, 04/01/2025	312,000	313,827
Archer-Daniels-Midland Co.,			2.15%, 02/13/2030	157,000	146,352
2.75%, 03/27/2025	56,000	57,202	Volkswagen Group of America	7	
3.25%, 03/27/2030	125,000	132,586	Finance LLC (Germany),		
Bunge Ltd. Finance Corp.,	120,000	102,000	4.00%, 11/12/2021(b)	298,000	294,967
3.50%, 11/24/2020	313,000	315,643			2,348,874
0.3070, 1172-72020	010,000	505,431	Automotive Retail-0.20%		2,010,011
Airlines 0.440/		303,431	AutoZone, Inc., 3.63%,		
Airlines-0.44%			04/15/2025	129,000	130,938
Delta Air Lines Pass Through Trust, Series 2020-1, Class			O'Reilly Automotive, Inc.,	120,000	100,000
AA, 2.00%, 06/10/2028	280,000	256,408	4.20%, 04/01/2030	110,000	114,144
· · · · · · · · · · · · · · · · · · ·	200,000	200,400	1.2070, 0 1/0 1/2000	110,000	245,082
Delta Air Lines, Inc., 2.90%, 10/28/2024	212,000	170,206	Dietochnology 0 629/		243,002
United Airlines Pass Through	212,000	170,200	Biotechnology-0.63%		
Trust, Series 2019-2, Class			AbbVie, Inc., 2.95%, 11/21/2026(b)	99 000	90 970
AA, 2.70%, 05/01/2032	116,000	106,019		88,000	89,870
74 1, 2.76 76, 6676 172662	110,000	532,633	3.20%, 11/21/2029(b)	296,000	303,807
Apparel Retail-0.21%		002,000	4.05%, 11/21/2039(b)	99,000	104,312
• •			4.88%, 11/14/2048	102,000	118,813
Ross Stores, Inc., 3.38%, 09/15/2024	251,000	258,529	Amgen, Inc., 3.15%,		
	231,000	200,029	02/21/2040	151,000	150,483
Application Software–0.07%					767,285
Autodesk, Inc., 4.38%, 06/15/2025	76,000	Q1 A22	Brewers-0.32%		
-		81,423			
Asset Management & Custody B	anks-0.62%				

Ameriprise Financial, Inc.,			Anheuser-Busch InBev		
3.00%, 04/02/2025	120,000	119,492	Worldwide, Inc. (Belgium),		
·	120,000	113,432	8.20%, 01/15/2039	145,000	218,555
Apollo Management Holdings L.P., 4.95%, 01/14/2050(b)	183,000	165,092	Bacardi Ltd. (Bermuda), 4.70%,	110,000	210,000
	103,000	103,092	05/15/2028(b)	163,000	174,650
Brookfield Asset Management, Inc. (Canada), 4.00%,			00/10/2020(5)	100,000	393,205
01/15/2025	195,000	197,777	Due a de cation y 0.470/		393,203
01/13/2023	193,000	191,111	Broadcasting-0.17%		
			Fox Corp.,	00.000	70.075
			3.05%, 04/07/2025	80,000	79,875
			3.50%, 04/08/2030	55,000	54,890
See accompanying notes which	are an integral par	t of this schedule.			
, , ,					
Invesco Oppenheimer V.I. Total Return B	ond Fund				
	Principal			Principal	
	Amount	Value		Amount	Value
Broadcasting-(continued)			Diversified Banks-(continued)		
ViacomCBS, Inc., 4.38%,			Bank of America Corp.,		
03/15/2043	\$ 78,000	\$ 69,538	3.82%, (3 mo. USD LIBOR		
		204,303	+ 1.58%), 01/20/2028(c)	\$ 144,000	\$ 149,670
Cable & Satellite-0.38%			4.27%, (3 mo. USD LIBOR		
Charter Communications			+ 1.31%), 07/23/2029(c)	196,000	213,083
Operating LLC/Charter			7.75%, 05/14/2038	232,000	343,692
Communications			Bank of Montreal (Canada),	- ,	
Operating Capital Corp.,			Series E, 3.30%,		
5.13%, 07/01/2049	68,000	72,668	02/05/2024	191,000	199,842
Comcast Corp.,			BBVA USA, 2.50%,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2.65%, 02/01/2030	69,000	71,136	08/27/2024	255,000	249,126
4.00%, 03/01/2048	82,000	94,987	BPCE S.A. (France), 4.50%,	200,000	240,120
Discovery Communications	02,000	<u> </u>	03/15/2025(b)	185,000	183,932
LLC, 4.13%, 05/15/2029	148,000	143,762		165,000	103,932
Time Warner Cable LLC,	1 10,000	110,102	Citigroup, Inc.,	240,000	207 700
4.50%, 09/15/2042	82,000	77,453	Series U, 5.00%(d)	249,000	227,799
4.0070, 00/10/2042	02,000	460,006	4.08%, (3 mo. USD LIBOR		aa=
Communications Favinaset 0	470/	400,000	+ 1.19%), 04/23/2029(c)	199,000	211,485
Communications Equipment–0.	17%		4.41%, 03/31/2031(c)	217,000	239,248
British Telecommunications			Series V, 4.70%(d)	165,000	143,034
PLC (United Kingdom),	204.000	200,000	Credit Agricole S.A. (France),		
4.50%, 12/04/2023	201,000	209,999	4.38%, 03/17/2025(b)	310,000	310,293
Construction Materials-0.59%			Danske Bank A/S (Denmark),		_
Carrier Global Corp.,			3.24% (3 mo. USD LIBOR +		
2.24%, 02/15/2025(b)	334,000	327,296	1.59%), 12/20/2025(b)(c)	200,000	186,270
2.49%, 02/15/2027(b)	136,000	130,444	Discover Bank, 4.65%,	<u> </u>	<u> </u>
2.72%, 02/15/2030(b)	277,000	256,497	09/13/2028	116,000	117,889
-		714,237	HSBC Holdings PLC (United		
Consumer Finance-0.65%		<u> </u>	Kingdom), 3.95% (3 mo.		
American Express Co.,			USD LIBOR + 0.99%),		
Series C, 4.03% (3 mo.			05/18/2024(c)	103,000	105,698
USD LIBOR + 3.29%)(d)	246,000	208,244	JPMorgan Chase & Co.,	•	<u> </u>
3.13%, 05/20/2026	147,000	152,671	3.80%, (3 mo. USD LIBOR		
Capital One Financial Corp.,	147,000	102,071	+ 0.89%), 07/23/2024(c)	245,000	256,777
3.75%, 03/09/2027	80,000	78,502	3.78%, 02/01/2028	262,000	281,937
			3.54%, 05/01/2028	201,000	
3.80%, 01/31/2028	70,000	68,734		201,000	212,409
Discover Financial Services,	07.000	00.000	4.49%, (SOFR + 3.79%),	202 222	074 704
3.75%, 03/04/2025	87,000	86,098	03/24/2031(c)	320,000	371,724
Synchrony Financial,			Series HH, 4.60%(d)	202,000	177,043
4.25%, 08/15/2024	195,000	188,053	Lloyds Bank PLC (United		
		782,302	Kingdom), 2.25%,		
Data Processing & Outsourced	Services-0.79%		08/14/2022	256,000	255,359

Fiserv, Inc., 3.50%,			Lloyds Banking Group PLC		
07/01/2029	178,000	189,450	(United Kingdom), 6.66%(b)		
Global Payments, Inc.,			(d)	304,000	330,693
3.20%, 08/15/2029	119,000	116,956	Mitsubishi UFJ Financial		
Mastercard, Inc.,			Group, Inc. (Japan), 3.74%,		
3.30%, 03/26/2027	148,000	161,072	03/07/2029	152,000	161,741
3.35%, 03/26/2030	110,000	122,490	National Australia Bank Ltd.		
Visa, Inc.,			(Australia), 3.93%,		
1.90%, 04/15/2027	230,000	229,352	08/02/2034(b)	153,000	150,964
2.05%, 04/15/2030	55,000	54,920	Nordea Bank Abp (Finland),		
2.70%, 04/15/2040	85,000 84,374 958,614		4.63% (5 yr. U.S. Swap		
			Rate + 1.69%), 09/13/2033(b)(c)	112,000	119,402
Distillers & Vintners-0.26%				112,000	119,402
Pernod Ricard S.A.			Royal Bank of Canada (Canada), 3.70%,		
(France), 4.25%,			10/05/2023	211,000	222,557
07/15/2022(b)	307,000	309,848	SunTrust Banks, Inc., 4.05%,	211,000	222,001
Diversified Banks-5.57%			11/03/2025	105,000	108,894
Australia & New Zealand			Truist Bank, 2.64% (5 yr. U.S.	· · · · · · · · · · · · · · · · · · ·	<u>, </u>
Banking Group Ltd.			Treasury Yield Curve Rate +		
(Australia), 2.95%,			1.15%), 09/17/2029(c)	390,000	374,065
07/22/2030(b)	200,000	189,920	U.S. Bancorp, Series W,		
			3.10%, 04/27/2026	158,000	160,379
			Wells Fargo & Co.,		
			3.58%, (3 mo. USD LIBOR		
			+ 1.31%), 05/22/2028(c)	200,000	209,824
			4.75%, 12/07/2046	124,000	143,796
			Westpac Banking Corp.		
			(4		

(Australia), 2.89%, 02/04/2030

149,000

143,245 6,751,790

See accompanying notes which are an integral part of this schedule.

	Principal Amount	Value		Principal Amount	Value	
Diversified Capital Markets-0.88		value	Electronic Equipment & Instrun		value	
Credit Suisse AG	70		FLIR Systems, Inc., 3.13%,	101110 0.2070		
(Switzerland), 3.63%,			06/15/2021	\$ 308,000	\$ 308,419	
09/09/2024	\$ 189,000	\$ 200,009	Food Retail-0.06%	. ,	· · · · · · · · · · · · · · · · · · ·	
Credit Suisse Group AG			Alimentation Couche-Tard,			
(Switzerland),			Inc. (Canada), 3.80%,			
5.10%(b)(d)	201,000	155,524	01/25/2050(b)	88,000	78,258	
4.19%, 04/01/2031(b)(c)	250,000	256,618	Footwear-0.11%			
Credit Suisse Group Funding			NIKE, Inc.,			
Guernsey Ltd.			2.40%, 03/27/2025	54,000	56,016	
(Switzerland), 4.55%,			2.75%, 03/27/2027	72,000	75,308	
04/17/2026	147,000	155,561			131,324	
UBS Group AG (Switzerland),			General Merchandise Stores-0.	11%	·	
4.13%, 04/15/2026(b)	153,000	155,358	Target Corp.,			
4.25%, 03/23/2028(b)	135,000	141,857	2.25%, 04/15/2025	76,000	77,212	
		1,064,927	2.65%, 09/15/2030	54,000	55,365	
Diversified Chemicals-0.24%					132,577	
Dow Chemical Co. (The),			Gold-0.13%			
3.63%, 05/15/2026	161,000	157,910	Newmont Corp., 2.25%,			
Eastman Chemical Co.,			10/01/2030	174,000	161,349	
3.50%, 12/01/2021	126,000	129,468	Health Care Equipment-0.11%	· · · · · · · · · · · · · · · · · · ·		
		287,378	4. 1			

Diversified Metals & Mining-0.46	5%		Becton, Dickinson and Co.,		
Anglo American Capital PLC			3.70%, 06/06/2027	128,000	130,355
(South Africa),			Health Care REITs-0.40%		
3.63%, 09/11/2024(b)	83,000	78,238	Healthcare Trust of America		
5.38%, 04/01/2025(b)	231,000	233,716	Holdings L.P., 3.50%,		
5.63%, 04/01/2030(b)	240,000	244,094	08/01/2026	170,000	168,501
	·	556,048	Healthpeak Properties, Inc.,		
Diversified REITs-0.11%			3.00%, 01/15/2030	230,000	216,353
Brixmor Operating Partnership			Welltower, Inc., 2.70%,		
L.P., 4.13%, 05/15/2029	126,000	129,465	02/15/2027	108,000	102,951
Drug Retail-0.19%	, , , , , , , , , , , , , , , , , , ,	·			487,805
Walgreen Co., 3.10%,			Health Care Services-0.73%		
09/15/2022	235,000	235,716	Cigna Corp., 4.13%,		
Electric Utilities-1.44%	·	<u> </u>	11/15/2025	191,000	204,867
AEP Texas, Inc., 3.95%,			CVS Health Corp.,	400.000	
06/01/2028(b)	162,000	169,791	3.75%, 04/01/2030	138,000	143,078
AEP Transmission Co. LLC,	·	<u> </u>	4.13%, 04/01/2040	220,000	221,897
Series M, 3.65%,			4.25%, 04/01/2050	73,000	76,216
04/01/2050	118,000	122,049	Fresenius Medical Care US		
Consolidated Edison Co. of			Finance II, Inc. (Germany),		
New York, Inc., Series 20A,			5.88%, 01/31/2022(b)	229,000	237,470
3.35%, 04/01/2030	32,000	33,075			883,528
EDP Finance B.V. (Portugal),		_	Home Improvement Retail-1.019	%	
3.63%, 07/15/2024(b)	219,000	221,173	Home Depot, Inc. (The),		
Emera US Finance L.P.		_	2.50%, 04/15/2027	77,000	77,841
(Canada), 2.70%,			2.70%, 04/15/2030	165,000	168,374
06/15/2021	168,000	169,977	3.30%, 04/15/2040	220,000	226,113
Enel Finance International			3.35%, 04/15/2050	119,000	129,768
N.V. (Italy), 2.88%,			Lowe's Cos., Inc.,		
05/25/2022(b)	309,000	299,124	4.50%, 04/15/2030	220,000	243,223
Exelon Corp., 4.45%,	00.000	70.457	5.00%, 04/15/2040	219,000	248,629
04/15/2046	69,000	70,157	5.13%, 04/15/2050	109,000	131,836
FirstEnergy Corp., Series B,	100.000	407.750			1,225,784
3.90%, 07/15/2027	136,000	137,756	Homebuilding-0.64%		
Fortis, Inc. (Canada), 3.06%, 10/04/2026	00.000	04.070	D.R. Horton, Inc., 4.75%,		
-	98,000	94,079	02/15/2023	224,000	225,697
Mid-Atlantic Interstate Transmission LLC, 4.10%,			M.D.C. Holdings, Inc., 3.85%,		
05/15/2028(b)	126,000	132,855	01/15/2030	250,000	226,406
NRG Energy, Inc., 4.45%,	120,000	102,000			
06/15/2029(b)	123,000	125,324			
Oklahoma Gas & Electric Co.,	120,000	120,024			
3.25%, 04/01/2030	166,000	166,563			
0.2070, 0470 172000	100,000	1,741,923			
Electronic Components-0.06%		1,7 4 1,920			
•					
Corning, Inc., 5.45%, 11/15/2079	66,000	68,340			
11/13/2013	00,000	00,040			
See accompanying notes whic	h are an integral p	art of this schedu	ıle.		
Invesco Oppenheimer V.I. Total Return Bo	ond Fund				
	Principal Amount	Value		Principal Amount	Value
Homebuilding–(continued)			Investment Banking & Brokerag	e-(continued)	

75,000

4.88%, 03/15/2027

	Principal					Pri	ncipal		
	Α	mount		Value		An	nount	Value	
Homebuilding-(continued)					Investment Banking & Brol	kerage–(co	ntinued)		
Toll Brothers Finance Corp.,					Morgan Stanley,				
4.38% 04/15/2023	\$	257.000	\$	246.397	5.00% 11/24/2025	\$	205.000	\$ 226.999	

70,766

769,266

4.43%, (3 mo. USD LIBOR

185,000

217,000

205,992

226,314

+ 1.63%), 01/23/2030(c)

3.62%, 04/01/2031(c)

Industrial Conglomerates-0.51%		
3M Co.,		
2.65%, 04/15/2025	37,000	38,644
3.05%, 04/15/2030	77,000	80,743
3.70%, 04/15/2050	77,000	86,403
GE Capital International		
Funding Co. Unlimited Co.,		
3.37%, 11/15/2025	163,000	164,178
General Electric Co., 2.70%,		
10/09/2022	248,000	244,254
		614,222
Industrial REITs-0.03%		
Prologis L.P., 3.00%,		
04/15/2050	37,000	32,243
Insurance Brokers-0.07%		
Marsh & McLennan Cos., Inc.,	00.000	05.540
4.35%, 01/30/2047	82,000	85,546
Integrated Oil & Gas-0.55%		
Cenovus Energy, Inc.		
(Canada), 4.25%, 04/15/2027	145,000	71,227
	145,000	11,221
Occidental Petroleum Corp., Series 1, 4.10%,		
02/01/2021	310,000	262,353
4.85%, 03/15/2021	201,000	168,427
2.90%, 08/15/2024	267,000	145,784
4.50%, 07/15/2044	49,000	20,244
4.50 /0, 07 / 15/2044		
·	10,000	
		668,035
Integrated Telecommunication Se		
Integrated Telecommunication Se AT&T, Inc.,	rvices-0.63%	668,035
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030	rvices-0.63% 185,000	668,035 199,514
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045	rvices-0.63% 185,000 98,000	199,514 104,101
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048	rvices-0.63% 185,000	668,035 199,514
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom	rvices-0.63% 185,000 98,000	199,514 104,101
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V.	rvices-0.63% 185,000 98,000	199,514 104,101
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%,	185,000 98,000 105,000	199,514 104,101 114,507
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b)	rvices-0.63% 185,000 98,000	199,514 104,101
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc.,	185,000 98,000 105,000	199,514 104,101 114,507
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b)	185,000 98,000 105,000	199,514 104,101 114,507 163,266 181,301
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Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail-	185,000 98,000 105,000 149,000 143,000	199,514 104,101 114,507 163,266 181,301 762,689
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025	185,000 98,000 105,000 149,000 143,000	199,514 104,101 114,507 163,266 181,301
Integrated Telecommunication Se AT&T, Inc.,	185,000 98,000 105,000 149,000 143,000	199,514 104,101 114,507 163,266 181,301 762,689
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025 Internet Services & Infrastructure- VeriSign, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025 Internet Services & Infrastructure- VeriSign, Inc., 5.25%, 04/01/2025	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25%	199,514 104,101 114,507 163,266 181,301 762,689 332,226
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025 Internet Services & Infrastructure- VeriSign, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226
Integrated Telecommunication Se AT&T, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226
Integrated Telecommunication Se AT&T, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226 101,847 197,970
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025 Internet Services & Infrastructure- VeriSign, Inc., 5.25%, 04/01/2025 4.75%, 07/15/2027 Investment Banking & Brokerage- Goldman Sachs Group, Inc.	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226 101,847 197,970
Integrated Telecommunication Se AT&T, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226 101,847 197,970
Integrated Telecommunication Se AT&T, Inc.,	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226 101,847 197,970 299,817
Integrated Telecommunication Se AT&T, Inc., 4.30%, 02/15/2030 4.35%, 06/15/2045 4.50%, 03/09/2048 Deutsche Telekom International Finance B.V. (Germany), 4.38%, 06/21/2028(b) Verizon Communications, Inc., 4.52%, 09/15/2048 Internet & Direct Marketing Retail- QVC, Inc., 4.45%, 02/15/2025 Internet Services & Infrastructure- VeriSign, Inc., 5.25%, 04/01/2025 4.75%, 07/15/2027 Investment Banking & Brokerage- Goldman Sachs Group, Inc. (The),	185,000 98,000 105,000 149,000 143,000 -0.27% 403,000 -0.25% 99,000 190,000	199,514 104,101 114,507 163,266 181,301 762,689 332,226 101,847 197,970 299,817

Raymond James Financial,		
Inc.,		
3.63%, 09/15/2026	122,000	123,574
4.65%, 04/01/2030	108,000	113,174
		1,401,698
Life & Health Insurance–1.53%		
Athene Global Funding, 2.95%, 11/12/2026(b)	242.000	220 000
	342,000	328,899
Athene Holding Ltd., 6.15%, 04/03/2030	338,000	337,351
Brighthouse Financial, Inc., 4.70%, 06/22/2047	257,000	207,221
Lincoln National Corp., 3.80%, 03/01/2028	149,000	148,572
Manulife Financial Corp. (Canada), 4.06% (5 yr. USD		
ICE Swap Rate + 1.65%), 02/24/2032(c)	149,000	143,991
Principal Financial Group,	147.000	450 404
Inc., 3.70%, 05/15/2029	147,000	152,181
Prudential Financial, Inc., 5.20%, 03/15/2044	243,000	213,416
3.70%, 03/13/2051	116,000	109,191
Reliance Standard Life Global	110,000	109,191
Funding II, 2.75%,		
01/21/2027(b)	233,000	217,350
	<u>·</u>	1,858,172
Managed Health Care-0.21%		
Anthem, Inc., 3.13%,		
05/15/2022	245,000	249,401
Multi-Utilities-0.74%		
Ameren Corp.,		
2.50%, 09/15/2024	162,000	157,786
3.50%, 01/15/2031	110,000	109,739
CenterPoint Energy, Inc., 4.25%, 11/01/2028	114,000	117,173
Dominion Energy, Inc., 2.72%, 08/15/2021(e)	203,000	200,408
Series C, 3.38%,		
04/01/2030	183,000	181,161
Sempra Energy, 3.40%, 02/01/2028	134,000	134,707
	·	900,974
Oil & Gas Equipment & Services-	0.18%	·
Enterprise Products Operating LLC, 4.20%, 01/31/2050	90,000	85,322
Schlumberger Holdings Corp.,	,	,
4.00%, 12/21/2025(b)	143,000	132,075
		217,397
Oil & Gas Exploration & Production	n–0.26%	
Apache Corp., 4.38%, 10/15/2028	184,000	98,475
Continental Resources, Inc., 4.38%, 01/15/2028	135,000	62,982
EQT Corp., 3.00%,	,	,
10/01/2022	177,000	149,122
		310,579

	Principal Amount Value				ncipal nount	Value	
Oil & Gas Storage & Transportation	on–1.10%			Pharmaceuticals–(continued)			
Energy Transfer Operating L.P.,							
				Pfizer, Inc., 2.63%, 04/01/2030	\$	104,000	\$ 109,273
4.25%, 03/15/2023	\$ 190,000	\$	170,511				1,316,538
5.30%, 04/15/2047	73,000		55,807	Property & Casualty Insurance-0	0.14%		
Kinder Morgan Energy				CNA Financial Corp., 3.45%,			
Partners L.P., 5.80%,				08/15/2027		186,000	172,663
03/01/2021	124,000		124,881	Railroads-0.32%			
Kinder Morgan, Inc., 5.20%,	400.000		100 101	Union Pacific Corp.,			
03/01/2048	103,000		102,494	2.15%, 02/05/2027		177,000	173,816
MPLX L.P.,				2.40%, 02/05/2030		221,000	216,481
2.10%, (3 mo. USD LIBOR	4.40.000		400.000				390,297
+ 1.10%), 09/09/2022(c)	149,000		138,688	Regional Banks–1.36%			
4.25%, 12/01/2027(b)	151,000		130,922	Citizens Financial Group, Inc.,			
ONEOK, Inc., 4.35%,				2.50%, 02/06/2030		170,000	150,974
03/15/2029	125,000		102,134	Fifth Third Bank, 3.85%,			
Sabine Pass Liquefaction LLC,				03/15/2026		168,000	177,414
4.20%, 03/15/2028	128,000		110,179	Huntington Bancshares, Inc.,			
Sunoco Logistics Partners				4.00%, 05/15/2025		246,000	258,012
Operations L.P., 4.00%,				KeyCorp,			
10/01/2027	150,000		118,979	4.15%, 10/29/2025		78,000	82,088
Western Midstream Operating				2.25%, 04/06/2027		247,000	233,978
L.P., 3.10%, 02/01/2025	87,000		45,651	PNC Financial Services		·	
Williams Cos., Inc. (The),				Group, Inc. (The), 3.15%,			
3.70%, 01/15/2023	246,000		227,720	05/19/2027		183,000	192,131
		1	1,327,966	Santander Holdings USA, Inc.,			
Other Diversified Financial Service	es-0.18%			3.50%, 06/07/2024		199,000	194,635
AXA Equitable Holdings, Inc.,				Synovus Financial Corp.,			
4.35%, 04/20/2028	128,000		124,808	3.13%, 11/01/2022		140,000	141,083
Blackstone Holdings Finance				Zions Bancorporation N.A.,			
Co. LLC, 3.15%,				3.25%, 10/29/2029		250,000	212,603
10/02/2027(b)	94,000		91,695				1,642,918
			216,503	Reinsurance-0.10%			
Packaged Foods & Meats-1.25%				Berkshire Hathaway Finance			
Conagra Brands, Inc.,				Corp., 1.85%, 03/12/2030		120,000	117,114
3.80%, 10/22/2021	240,000		241,736	Renewable Electricity-0.09%		· · · · · · · · · · · · · · · · · · ·	
4.60%, 11/01/2025	234,000		247,216	San Diego Gas & Electric Co.,			
General Mills, Inc., 2.88%,				Series UUU, 3.32%,			
04/15/2030	55,000		54,890	04/15/2050		108,000	107,856
Lamb Weston Holdings, Inc.,				Residential REITs-0.21%			
4.88%, 11/01/2026(b)	308,000		315,062	Essex Portfolio L.P., 3.00%,			
Mondelez International				01/15/2030		115,000	109,159
Holdings Netherlands B.V.,				Spirit Realty L.P., 3.20%,		·	<u> </u>
2.00%, 10/28/2021(b)	319,000		317,865	01/15/2027		162,000	147,660
Smithfield Foods, Inc., 3.35%,						· · · · · · · · · · · · · · · · · · ·	256,819
02/01/2022(b)	135,000		131,478	Restaurants-0.23%			
Tyson Foods, Inc., 3.90%,				McDonald's Corp.,			
09/28/2023	198,000		206,049	3.30%, 07/01/2025		34,000	35,237
		1	1,514,296	3.50%, 07/01/2027		87,000	91,900
Paper Packaging-0.31%				3.60%, 07/01/2030		56,000	58,772
Packaging Corp. of America,				4.20%, 04/01/2050		78,000	86,798
3.65%, 09/15/2024	212,000		228,032	+.20 /0, U4/U I/20JU		10,000	
							272,707

WRKCo, Inc., 3.90%,			Retail REITs-0.27%
06/01/2028	148,000	152,278	Kite Realty Group L.P., 4.00%
		380,310	10/01/2026
Pharmaceuticals-1.09%			Regency Centers L.P., 2.95%,
Allergan Funding S.C.S.,			09/15/2029
3.85%, 06/15/2024	302,000	316,833	
Bayer US Finance II LLC			
(Germany), 3.88%,			
12/15/2023(b)	313,000	320,863	
Bristol-Myers Squibb Co.,			
3.40%, 07/26/2029(b)	174,000	191,660	
Elanco Animal Health, Inc.,			
5.65%, 08/28/2028	137,000	144,860	
Mylan, Inc., 3.13%,			
01/15/2023(b)	240,000	233,049	

166,000

175,000

166,299

165,384 331,683

See accompanying notes which are an integral part of this schedule.

Invesco Oppenheimer V.I. Total Return Bond Fund

	Principal Amount	Value			ncipal nount	Value	
Semiconductors-0.62%			Tobacco-(continued)				
Microchip Technology, Inc.,			Imperial Brands Finance PLC				
3.92%, 06/01/2021	\$ 316,000	\$ 308,123	(United Kingdom),				
NXP B.V./NXP Funding LLC							
(Netherlands), 4.13%,			2.95%, 07/21/2020(b)	\$	233,000	\$	232,568
06/01/2021(b)	292,000	294,835	3.75%, 07/21/2022(b)		308,000		308,274
NXP B.V./NXP Funding							1,416,920
LLC/NXP USA, Inc.			Trading Companies & Distributors-	-0.5	1%		
(Netherlands), 3.88%,			AerCap Ireland Capital				
06/18/2026(b)	158,000	154,009	DAC/AerCap Global				
		756,967	Aviation Trust (Ireland),				
Soft Drinks-0.34%			3.50%, 05/26/2022		295,000		246,170
Keurig Dr Pepper, Inc., 4.06%,			Air Lease Corp., 3.00%,				
05/25/2023	236,000	246,096	02/01/2030		295,000		214,577
PepsiCo, Inc., 2.75%,		-	GATX Corp., 3.50%,				
03/19/2030	155,000	165,844	03/15/2028		156,000		157,212
	· · · · · · · · · · · · · · · · · · ·	411,940					617,959
Specialized REITs-0.53%		<u> </u>	Trucking-0.47%				
American Tower Corp.,			Penske Truck Leasing Co.				
3.00%, 06/15/2023	204,000	204,547	L.P./PTL Finance Corp.,				
4.00%, 06/01/2025	130,000	133,779	3.65%, 07/29/2021(b)		110,000		111,431
Crown Castle International	· · · · · · · · · · · · · · · · · · ·		3.40%, 11/15/2026(b)		214,000		226,801
Corp.,			Ryder System, Inc., 2.50%,				
3.30%, 07/01/2030	80,000	79,343	09/01/2024		241,000		229,922
4.15%, 07/01/2050	55,000	54,395					568,154
Weyerhaeuser Co., 4.00%,			Wireless Telecommunication Servi	ces	-0.21%		
04/15/2030	165,000	166,005	Vodafone Group PLC (United				
		638,069	Kingdom), 3.75%,				
Specialty Chemicals-0.22%			01/16/2024		243,000		253,469
RPM International, Inc.,			Total U.S. Dollar				
3.45%, 11/15/2022	260,000	261,765	Denominated Bonds &				
Steel-0.09%	·		Notes (Cost \$48,420,725)			47	,967,922
ArcelorMittal S.A.			Asset-Backed Securities-24.70	%			
(Luxembourg), 4.25%,			American Credit Acceptance	-			
07/16/2029	124,000	111,606	Receivables Trust,				
Technology Distributors-0.14%	· · · · · · · · · · · · · · · · · · ·	`	Series 2017-4, Class C,				
			2.04% 04/40/2024/5		40.004		40.055

2.94%, 01/10/2024(b)

40,624

40,355

Arrow Electronics, Inc., 3.88%,			Series 2017-4, Class D,		
01/12/2028	180,000	172,980	3.57%, 01/10/2024(b)	227,000	226,643
Technology Hardware, Storage & Pe	ripherals–0.35%	6	Series 2018-2, Class C,		
Apple, Inc., 4.38%,			3.70%, 07/10/2024(b)	231,514	227,961
05/13/2045	146,000	186,626	Series 2018-3, Class B,		
Dell International LLC/EMC			3.49%, 06/13/2022(b)	14,514	14,507
Corp., 5.30%, 10/01/2029(b)	246,000	239,808	Series 2018-3, Class D,		
		426,434	4.14%, 10/15/2024(b)	25,000	24,328
Thrifts & Mortgage Finance-0.13%			Series 2018-4, Class C,		
Nationwide Building Society			3.97%, 01/13/2025(b)	180,000	173,853
(United Kingdom), 3.96% (3			Series 2019-2, Class D,		
mo. USD LIBOR + 1.86%),			3.41%, 06/12/2025(b)	145,000	125,478
07/18/2030(b)(c)	150,000	151,961	Series 2019-3, Class C,	<u> </u>	<u> </u>
Tobacco-1.17%			2.76%, 09/12/2025(b)	160,000	158,619
Altria Group, Inc., 3.49%,			AmeriCredit Automobile		
02/14/2022	162,000	165,859	Receivables Trust,		
BAT Capital Corp. (United			Series 2017-2, Class D,		
Kingdom),			3.42%, 04/18/2023	300,000	299,030
4.70%, 04/02/2027	93,000	94,977	Series 2017-4, Class D,		
3.56%, 08/15/2027	131,000	123,656	3.08%, 12/18/2023	190,000	186,628
4.91%, 04/02/2030	134,000	137,720	Series 2018-3, Class C,		
5.28%, 04/02/2050	110,000	110,789	3.74%, 10/18/2024	260,000	260,979
BAT International Finance			Series 2019-2, Class C,		
PLC (United Kingdom),			2.74%, 04/18/2025	100,000	97,450
3.25%, 06/07/2022(b)	244,000	243,077	Series 2019-2, Class D,		
			2.99%, 06/18/2025	280,000	275,027
			Series 2019-3, Class D,		
			2.58%, 09/18/2025	135,000	128,069
			Angel Oak Mortgage Trust,		
			Series 2020-1, Class A1,		

2.47%, 12/25/2059(b)(f)

168,142

166,870

See accompanying notes which are an integral part of this schedule.

	Principal Amount	Value		Principal Amount	Value
Banc of America Funding Trust, Series 2007-1, Class 1A3, 6.00%, 01/25/2037	\$ 63,213	\$ 57,440	CHL Mortgage Pass-Through Trust, Series 2005-17, Class 1A8, 5.50%, 09/25/2035	\$ 6,980	\$ 6,534
Series 2007-C, Class 1A4, 4.07%, 05/20/2036(f) Banc of America Mortgage	21,543	19,111	Series 2005-26, Class 1A8, 5.50%, 11/25/2035	53,305	\$ 6,534 44,925
Securities Trust, Series 2007-1, Class 1A24, 6.00%,	44.544	07.000	Series 2005-JA, Class A7, 5.50%, 11/25/2035	6,537	6,144
03/25/2037 Bank, Series 2019-BNK16, Class XA, 0.97%, 02/15/2052(f)	41,511 1,575,841	37,609 103,467	Citigroup Commercial Mortgage Trust, Series 2013-GC17, Class XA, 1.04%, 11/10/2046(f)	384,629	12,027
Bear Stearns Adjustable Rate Mortgage Trust,			Series 2014-GC21, Class AAB, 3.48%, 05/10/2047	78,902	81,326
Series 2005-9, Class A1, 4.27% (1 yr. U.S. Treasury Yield Curve Rate + 2.30%),			Series 2017-C4, Class XA, 1.11%, 10/12/2050(f) Citigroup Mortgage Loan	2,049,142	115,316
10/25/2035(c) Series 2006-1, Class A1, 3.84% (1 yr. U.S. Treasury Yield Curve Rate + 2.25%), 02/25/2036(c)	59,813 73,839	56,283 69,605	Trust, Inc., Series 2006-AR1, Class 1A1, 3.88% (1 yr. U.S. Treasury Yield Curve Rate + 2.40%), 10/25/2035(c)	173,089	160.827

Series 2018-B1, Class XA	Benchmark Mortgage Trust,			Series 2017-C, Class B,		
Capital Auto Receivables Asset Trust				2.54%, 05/15/2025	65,000	64,937
COLT Mortgage Loan Trust, Series 2017-1, Class D, 3.15%, 02/20/2025(b) 40,000 39,573 2.49%, 02/25/2050(b)(f) 388,253 379,359 348%, 10/20/2023(b) 120,000 120,166 Series 2018-2, Class C, 3.89%, 12/20/2023(b) 115,000 115,413 Series 2018-2, Class C, 3.69%, 12/20/2023(b) 115,000 115,413 Series 2013-CR, G. Class AM, 3.15%, 03/10/2045(b) 1,921,638 61,884 Series 2013-CR, G. Class AM, 3.15%, 03/10/2045(b) 245,000 245,867 Series 2013-CR, G. Class AM, 3.15%, 03/10/2046(b) 245,000 245,867 Series 2013-CR, G. Class AM, 3.15%, 03/10/2046(b) 245,000 245,867 Series 2014-CR21, Class C, 3.43%, 07/17/20/23 230,000 231,330 AM, 4.20%, 04/10/2047 715,000 774,279 Series 2014-C, Class C, 3.85%, 07/15/20/24 85,000 80,403 Series 2014-LUBS, Class C, 3.85%, 07/15/20/24 85,000 80,403 Series 2014-LUBS, Class C, 3.85%, 07/15/20/26 80,000 80,034 Series 2014-LUBS, Class C, 2.75%, 11/14/20/20 230,000 229,914 Series 2018-L, Class B, 2.77%, 04/18/20/22(b) 42,770 42,892 2.75%, 04/18/20/22(b) 42,75%, 04/18/20/22(b) 42,770 42,892 2.75%, 04/18/20/22(b)	0.52%, 01/15/2051(f)	1,776,854	56,589	Series 2019-A, Class A4,		
Series 2017-1, Class D, 40,000 39,573 24,9% (025/205/05)(9)(9) 388,253 379,359	Capital Auto Receivables Asset			3.22%, 01/15/2026	125,000	121,735
3.15%, 02/20/2025(b) 40,000 39,573 2,49%, 02/25/205(b) 388,253 379,359 Sories 2018-2, Class B, 3.48%, 10/20/2023(b) 120,000 120,166 Series 2018-2, Class C, 3.69%, 12/20/2025(b) 115,000 115,413 Series 2018-2, Class C, 3.69%, 12/20/2023(b) 115,000 115,413 Series 2018-2, Class C, 3.69%, 12/20/2023(b) 115,000 115,413 Series 2018-2, Class C, 3.69%, 12/20/2023(b) 245,000 245,867 Series 2018-C, Class C, 3.49%, 03/10/2046(b) 245,000 245,867 Series 2018-C, Class C, 3.49%, 03/10/2047 59,875 61,747 Series 2018-C, Class C, 3.49%, 03/10/2047 59,875 61,747 Series 2018-C, Class C, 3.49%, 03/10/2047 715,000 744,279 Series 2018-C, Class C, 3.49%, 03/10/2047 715,000 744,279 Series 2018-C, Class C, 3.49%, 03/10/2047 715,000 177,387 Series 2018-C, Class C, 3.49%, 03/16/20247 715,000 177,387 Series 2018-C, Class C, 3.49%, 01/16/20247 475,000 495,586 Series 2018-C, Class C, 3.49%, 01/16/20247 475,000 495,586 Series 2018-C, Class C, 3.49%, 01/16/2026 80,000 80,034 Series 2018-C, Class B, 2.77%, 01/18/20240 42,770 42,692 Series 2018-C, Class B, 2.77%, 01/18/20240 42,770 42,692 Series 2018-C, Class B, 2.79%, 01/18/2024(b) 20,000 20,047 Series 2018-C, Class B, 3.49%, 01/15/2026(b) 20,000 10,047 Series 2018-C, Class C, 3.49%, 06/16/2025(b) 85,000 80,883 Series 2018-C, Class C, 3.49%, 06/16/2025(b) 20,000 20,047 Series 2018-C, Class B, 3.29%, 09/14/2026(b) 40,000 40,000 40,200 Series 2018-C, Class C, 3.49%, 03/16/2027(b) 100,000 105,511 Series 2018-C, Class B, 3.29%, 09/14/2026(b) 40,000 40,200 Series 2018-C, Class B, 3.29%, 09/14/2026(b) 100,000 103,511 Series 2018-C, Class C, 3.49%, 03/16/2027(b) 100,000 103,511 Series 2018-C, Class C, 3.49%, 03/16/2027(b) 100,000 103,511 Series 2018-C, Class C, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%, 14,64%	Trust,			COLT Mortgage Loan Trust,		
Series 2018-2, Class B, 3.48%, 10/20/20/23(b)	Series 2017-1, Class D,			Series 2020-1, Class A1,		
3.48%, 10/20/20/23(b) 120,000 120,166 Series 2012-CR5, Class XA, 1.53%, 12/10/2045(f) 1,921,838 61,884 50,89%, 12/20/20/20(b) 115,000 115,413 Series 2013-CR6, Class AM, 3.15%, 03/10/2046(b) 245,000 245,867 AM, 3.15%, 03/10/2047 59,875 61,747 AM, 3.25%, 03/10/2047 715,000 744,279 AM, 3.95%, 12/10/2047 715,000 744,279 AM, 3.95%, 12/10/2047 715,000 744,279 AM, 3.95%, 12/10/2047 475,000 495,586 AM, 4.05%, 12/10/2047 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,000 475,0	3.15%, 02/20/2025(b)	40,000	39,573	2.49%, 02/25/2050(b)(f)	388,253	379,359
Series 2018-1, Class C, 3,69%, 12/10/2023(b)	Series 2018-2, Class B,			COMM Mortgage Trust,		
Series 2013-CR8, Class	3.48%, 10/20/2023(b)	120,000	120,166	Series 2012-CR5, Class		
Am. 3.15%, 0.31/0.2004(b) 245,000 245,867	Series 2018-2, Class C,			XA, 1.53%, 12/10/2045(f)	1,921,638	61,884
AM. 3.15%, 0.31/10/2046(b) 245,000 245,867		115,000	115,413	Series 2013-CR6, Class		
Securitization L.P., Series Series 2014-CR20. Class ASB, 3.31%, 11/10/2047 59,875 61,747 60/22/2024(b)(f) 90,749 1,332 Series 2014-CR21, Class ASB, 3.31%, 11/10/2047 715,000 744,279 Series 2017-1, Class D, 3.43%, 07/17/2023 230,000 231,330 AM, 4.20%, 04/10/2047 170,000 177,387 Series 2017-4, Class D, 3.00%, 05/15/2024 100,000 99,054 Series 2014-UR5, Class C, 3.85%, 07/15/2024 85,000 80,403 Series 2018-4, Class D, 2.85%, 01/15/2026 80,000 80,034 Series 2018-1, Class B, 2.77%, 04/18/2022(b) 42,770 42,692 42,693 42,770 42,692 42,75%, 11/14/2023(b) 230,000 229,914 Series 2018-1, Class B, 3.09%, 06/16/2025(b) 85,000 83,831 3.46%, 10/15/2026(b) 20,000 20,4147 Series 2018-1, Class C, 3.42%, 06/16/2025(b) 80,000 60,889 3.87%, 12/15/2026(b) 170,000 170,681 Series 2018-1, Class C, 3.67%, 09/14/2026(b) 170,000 170,681 Series 2018-1, Class B, 2.25%, 03/15/2027(b) 105,000 147,159 Series 2018-1, Class B, 3.23%, 09/15/2027(b) 105,000 240,4147 Series 2018-1, Class C, 3.42%, 06/16/2025(b) 60,000 60,889 3.77%, 06/15/2027(b) 250,000 250,545 Series 2018-1, Class B, 3.23%, 09/15/2027(b) 105,000 170,681 Series 2018-2, Class C, 3.57%, 09/14/2026(b) 170,000 170,681 Series 2018-3, Class C, 3.57%, 09/14/2026(b) 40,000 40,209 40,40%, 12/15/2027(b) 150,000 147,159 Series 2019-2, Class B, 2.55%, 03/15/2027(b) 105,000 103,511 Series 2019-1, Class C, 2.89%, 03/15/2027(b) 105,000 103,511 Series 2019-1, Class C, 2.89%, 03/15/2027(b) 105,000 103,511 Series 2019-1, Class C, 3.49%, 04/15/2027(b) 100,000 98,337 Series 2019-2, Class C, 2.89%, 03/15/2027(b) 105,000 103,511 Series 2019-1, Class C, 2.89%, 03/15/2027(b) 105,000 103,511 Series 2019-2, Class C, 2.89%, 03/1	Capital Lease Funding	·	·	AM, 3.15%, 03/10/2046(b)	245,000	245,867
1997-CT-L1, Class 10, 1.41%, 06/22/2024(b)(f) 90,749 1,332 Series 2014-CR21, Class A, M. 3.99%, 12/10/2047 715,000 744,279 Series 2017-CR21, Class D, 3.43%, 07/117/2023 230,000 231,330 Series 2014-LC15, Class A, 3.43%, 07/117/2023 230,000 99,054 AM, 4.99%, 04/10/2047 170,000 177,387 Series 2018-4, Class D, 3.00%, 05/15/2024 85,000 80,403 Series 2018-4, Class D, 3.69%, 07/15/2024 85,000 80,403 Series 2018-A, Class B, 2.75%, 07/15/2024 85,000 80,003 Series 2018-B, Class B, 2.75%, 11/14/2023(b) 230,000 229,914 Series 2018-B, Class B, 2.75%, 11/14/2023(b) 230,000 229,914 Series 2018-B, Class B, 3.23%, 07/15/2022(b) 105,854 105,528 Credit Acceptance Auto Loan Trust, Series 2018-1, Class B, 3.43%, 10/15/2025(b) 20,000 20,047 Series 2018-1, Class B, 3.48%, 10/15/2025(b) 205,000 204,147 Series 2018-1, Class B, 3.48%, 10/15/2025(b) 205,000 204,147 Series 2018-1, Class B, 3.23%, 07/15/2022(b) 165,000 165,665 Series 2018-1, Class B, 3.23%, 07/15/2022(b) 205,000 204,147 Series 2018-1, Class B, 3.23%, 07/15/2027(b) 250,000 250,545 Series 2018-1, Class B, 3.23%, 07/15/2027(b) 250,000 250,545 Series 2018-1, Class B, 3.23%, 07/15/2027(b) 250,000 250,545 Series 2018-1, Class B, 3.25%, 03/15/2027(b) 105,000 103,511 35,920 Series 2018-1, Class B, 3.75%, 08/117/2028(b) 100,000 98,337 Series 2019-1, Class C, 3.75				Series 2014-CR20, Class		_
Deliziz20224(b)(f) 90,749 1,332 Series 2014-CR21, Class AM, 3.99%, 12/10/2047 715,000 744,279 745,000 745,00	i i				59,875	61,747
CarlMax Auto Owner Trust, Series 2017-1, Class D, 3-43%, 07/11/2023 230,000 231,330 3-43%, 07/11/2023 230,000 231,330 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2023 3-43%, 07/11/2024 3-45,000 3-45,686 3-30%, 05/15/2024 3-50,000 3-64,03	06/22/2024(b)(f)	90,749	1,332	Series 2014-CR21, Class	<u> </u>	·
Series 2017-1, Class D. 3.43%, 07/17/2023 230,000 231,330	CarMax Auto Owner Trust.	·	·	•	715,000	744,279
3.43%, 07/17/2023 230,000 231,330 AM, 4.20%, 04/10/2047 170,000 177,387	•				•	
Series 2017-4, Class D, 3.30%, 05/15/2024 100,000 99,054 AM, 4.05%, 12/10/2047 475,000 495,586 AM, 4.05%, 12/10/2047 475,000 426,92 42770 42,692 42,	·	230,000	231,330	•	170.000	177.387
3.30%, 0.5/15/2024 100,000 99,054 AM, 4.05%, 12/10/2047 475,000 495,586	Series 2017-4. Class D.	·	·		,	
Series 2018-4, Class C, 3.85%, 07/15/2024		100,000	99,054	•	475 000	495 586
3.85%, 0.7/15/2024 85,000 80,403 Series 2018-A, Class B, 2.77%, 0.4/18/2022(b) 42,770 42,692 2.85%, 0.1/15/2026 80,000 80,034 Series 2018-B, Class B, 2.77%, 0.4/18/2022(b) 105,854 105,528 10		,	<u> </u>		17 0,000	100,000
Series 2019-3, Class D, 2.85%, 01/15/2026		85.000	80.403	•		
Series 2018-B, Class B, Series 2018-B, Class B, Series 2018-B, Class B, Series 2017-1, Class B, Series 2017-1, Class B, Series 2018-1, Class C, Series 2018-2, Class C, Series 2018-3, Class C, Series 2018-2, Class C, Series 2018-3, Class C, Series 2018-3, Class C, Series 2018-3, Class C, Series 2018-4, Class C, Series 2018-4, Class C, Series 2018-4, Class C, Series 2018-4, Class C, Series 2018-2, Class C, Series 2018-4, Class C, Seri		,			42 770	42 692
CCG Receivables Trust, Series 2017-1, Class B, S. 275%, 11/14/2023(b) 230,000 229,914 Series 2017-1, Class B, S. 3.3%, 07/15/2022(b) 105,854 105,528 Series 2018-1, Class B, S. 3.09%, 06/16/2025(b) 85,000 83,831 Series 2018-3, Class C, S. 3.42%, 06/16/2025(b) 20,000 20,417 Series 2018-1, Class C, S. 3.42%, 06/16/2025(b) 20,000 20,447 Series 2018-12, Class C, S. 3.87%, 12/15/2025(b) 60,000 60,889 Series 2018-14, Class B, S. 2019-1, Class B, S. 2019-1, Class B, S. 2018-3A, Class C, S. 2018-3A, Class C, S. 2018-3A, Class C, S. 2018-3A, Class B, S. 2018-3A, Class B, S. 2018-3A, Class B, S. 2018-3A, Class B, S. 2018-3B, Class B, S. 2018-3B,		80 000	80 034		72,110	42,002
Series 2017-1, Class B, 2.75%, 11/14/2023(b)		00,000		· · · · · · · · · · · · · · · · · · ·	105 951	105 529
2.75%, 11/14/2023(b) 230,000 229,914 Series 2018-1, Class B, 3.09%, 06/16/2025(b) 85,000 83,831 3.48%, 10/15/2026(b) 205,000 204,147 Series 2018-1, Class C, 3.42%, 06/16/2025(b) 20,000 20,047 Series 2018-2, Class C, 3.87%, 12/15/2025(b) 60,000 60,889 3.77%, 06/15/2027(b) 250,000 250,545 Series 2019-1, Class B, 3.22%, 09/14/2026(b) 170,000 170,681 4.16%, 09/15/2027(b) 150,000 147,159 Series 2019-1, Class C, 3.57%, 09/14/2026(b) 40,000 40,209 4.04%, 12/15/2027(b) 210,000 209,643 Series 2019-2, Class B, 2.55%, 03/15/2027(b) 105,000 103,511 3.75%, 04/17/2028(b) 100,000 98,337 Series 2019-2, Class C, 2.89%, 03/15/2027(b) 100,000 98,533 Series 2019-1A, Class C, 2.89%, 03/15/2027(b) 100,000 98,533 Credit Suisse Mortgage Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) 738,511 35,920 Credit Suisse Mortgage Trust, Series 2019- ATRI, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Home Lending Mortgage Trust, Series 2019- ATRI, Class A3, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	•				100,004	105,526
Series 2018-1, Class B, 3.09%, 06/16/2025(b) 85,000 83,831 3.48%, 10/15/2026(b) 205,000 204,147		230 000	229 914	•		
3.09%, 06/16/2025(b) 85,000 83,831 3.48%, 10/15/2026(b) 205,000 204,147		200,000	220,014	•		
Series 2018-1, Class C, 3.42%, 06/16/2025(b) 20,000 20,047 3.60%, 04/15/2027(b) 165,000 165,665		95 000	02 024		205.000	204 147
3.42%, 06/16/2025(b) 20,000 20,047 3.60%, 04/15/2027(b) 165,000 165,665		65,000	03,031		203,000	204,147
Series 2018-2, Class C, 3.87%, 12/15/2025(b) 60,000 60,889 3.77%, 06/15/2027(b) 250,000 250,545	·	00.000	00.047	· · · · · · · · · · · · · · · · · · ·	405.000	405.005
3.87%, 12/15/2025(b) 60,000 60,889 3.77%, 06/15/2027(b) 250,000 250,545		20,000	20,047		165,000	165,665
Series 2019-1, Class B, 3.22%, 09/14/2026(b)				·		
3.22%, 09/14/2026(b) 170,000 170,681 4.16%, 09/15/2027(b) 150,000 147,159		60,000	60,889		250,000	250,545
Series 2019-1, Class C, 3.57%, 09/14/2026(b) 40,000 40,209 4.04%, 12/15/2027(b) 210,000 209,643 Series 2019-2, Class B, 2.55%, 03/15/2027(b) 105,000 103,511 3.75%, 04/17/2028(b) 100,000 98,337 Series 2019-2, Class C, 2.89%, 03/15/2027(b) 100,000 98,533 3.94%, 06/15/2028(b) 190,000 186,842 CD Commercial Mortgage Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) 738,511 35,920 Credit Suisse Mortgage Trust, Series 2019-AR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,						
3.57%, 09/14/2026(b)	3.22%, 09/14/2026(b)	170,000	170,681	4.16%, 09/15/2027(b)	150,000	147,159
Series 2019-2, Class B, 2.55%, 03/15/2027(b)	·			·		
2.55%, 03/15/2027(b) 105,000 103,511 3.75%, 04/17/2028(b) 100,000 98,337 Series 2019-2, Class C, 2.89%, 03/15/2027(b) 100,000 98,533 3.94%, 06/15/2028(b) 190,000 186,842 CD Commercial Mortgage Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) 738,511 35,920 CSAIL Commercial Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Home Lending Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	3.57%, 09/14/2026(b)	40,000	40,209	4.04%, 12/15/2027(b)	210,000	209,643
Series 2019-2, Class C, Series 2019-1A, Class C, 2.89%, 03/15/2027(b) 100,000 98,533 3.94%, 06/15/2028(b) 190,000 186,842 CD Commercial Mortgage	Series 2019-2, Class B,			Series 2019-1A, Class B,		
2.89%, 03/15/2027(b) 100,000 98,533 3.94%, 06/15/2028(b) 190,000 186,842 CD Commercial Mortgage Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) 738,511 35,920 07/25/2036 123,181 90,421 Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	2.55%, 03/15/2027(b)	105,000	103,511	3.75%, 04/17/2028(b)	100,000	98,337
CD Commercial Mortgage Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3, Credit Suisse Mortgage Trust, Series 2006-6, Class 1A4, 6.00%, 07/25/2036 123,181 90,421 CSAIL Commercial Mortgage Trust, Series 2020-C19, Class A3, 2020-C19, Class A3, 2.56%, 03/15/2053 637,000 619,084	Series 2019-2, Class C,			Series 2019-1A, Class C,		
Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3, Trust, Series 2006-6, Class 1A4, 6.00%, 07/25/2036 123,181 90,421 CSAIL Commercial Mortgage Trust, Series 2020-C19, Class A3, 2020-C19, Class A3, 2.56%, 03/15/2053 637,000 619,084	2.89%, 03/15/2027(b)	100,000	98,533	3.94%, 06/15/2028(b)	190,000	186,842
Trust, Series 2017-CD6, Class XA, 0.96%, 11/13/2050(f) Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3, Trust, Series 2006-6, Class 1A4, 6.00%, 07/25/2036 123,181 90,421 CSAIL Commercial Mortgage Trust, Series 2020-C19, Class A3, 2020-C19, Class A3, 2.56%, 03/15/2053 637,000 619,084	CD Commercial Mortgage		_	Credit Suisse Mortgage		_
11/13/2050(f) 738,511 35,920 07/25/2036 123,181 90,421 Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	0 0			8 8		
Chase Home Lending Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3, CSAIL Commercial Mortgage Trust, Series 2020-C19, Class A3, 2.56%, 03/15/2053 637,000 619,084						
Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	11/13/2050(f)	738,511	35,920	07/25/2036	123,181	90,421
Mortgage Trust, Series 2019- ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	Chase Home Lending			CSAIL Commercial		
ATR1, Class A15, 4.00%, 04/25/2049(b)(f) 50,462 52,165 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	•					
04/25/2049(b)(f) 50,462 52,165 2.56%, 03/15/2053 637,000 619,084 Chase Mortgage Finance Trust, Series 2005-A2, Class 1A3,	~ ~					
Series 2005-A2, Class 1A3,	04/25/2049(b)(f)	50,462	52,165	2.56%, 03/15/2053	637,000	619,084
Series 2005-A2, Class 1A3,	Chase Mortgage Finance Trust,					
3.88%, 01/25/2036(f) 60,885 52,513	5 5					
	3.88%, 01/25/2036(f)	60,885	52,513			

Amount Value Amount Value	Principa	ıl	Principal	
7 till dalle 7 til	Amoun	t Value	Amount	Value

2.4.1%, (10.24/20.226) S 70.000 S 68.820 Series 2015-14 (Class B. 3.3.4%, (0.022/20.286) B 0.000 80.373 Series 2015-15 (Class B. 3.4%, 0.022/20.246) 325.000 325.937 Series 2015-15 (Class B. 3.4%, 0.022/20.246) 115.000 113.359 Drive Aud Reachables Trust. Series 2016-16 (Class B. 3.4%, 0.022/20.246) 127.16 125.871 Series 2017-16 (Class B. 3.4%, 0.022/20.246) 127.246 Series 2018-16 (Class B. 3.4%, 0.022/20.2466) 127.246 Series 2018-16 (Class B. 3.4%, 0.022/20.2466) 127.246 Series 2018-16 (Class B. 3.4%, 0.015/20.236) 128.246 Series 2018-16 (Class B. 3.4%, 0.015/20.236) 128.246 Series 2018-16 (Class B. 3.4%, 0.015/20.236) 128.246 Series	Series 2017-2, Class B,			First Horizon Alternative		
3.34%, 0902202020) 8.0000 8.0373 Series 2019-1, Class C, 3.14%, 09222024b) 3.25,000	2.47%, 10/24/2022(b)	\$ 70,000	\$ 69,830			
Series 2019-1, Class C, 3.14%, 0.032/2024b)	Series 2018-1, Class B,					
Series 2019-1, Class U. Series 2019-2, Class D. Series 2019-2, Class D. J 15, 003 (2022/db) Dive Auto Receivables Trust, Series 2019-2, Class D. J 15, 003 (2022/db) Dive Auto Receivables Trust, Series 2016-1, Class D. J 18, 004 (2022/db) J 127, 116 J 125, 674 J 19, 004 (2022/db) J 127, 116 J 125, 674 J 19, 004 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 005 (2022/db) J 19, 006 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 005 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 005 (2022/db) J 19, 006 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 006 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 006 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 005 (2022/db) J 19, 007 (2022/db) J 19, 007 (2022/db) Series 2018-1, Class D. J 19, 004 (2022/db) J 19, 004 (202	3.34%, 06/22/2023(b)	80,000	80,373	•	Φ 04.000	ф 44.004
Series 2016-1, Class C, 522%, 0415/2026) 115,000 113,350 Ford Credit Floorpian Master Cover Credit Floorpian Master Credit Floorpian Master Credit Floorpian Master Cover Credit Floorpian Master Cover Credit Floorpian Master Credit Floorpian Floorpian					\$ 94,000	\$ 44,691
Series 2019-2, Class D,	3.14%, 03/22/2024(b)	325,000	325,937	•		
Table					345 000	348 140
Diffee Number Procession		115,000	113,359		010,000	0 10,1 10
A.189, 0.31/5/2024b) 127,116 125,871	•			•		
Series 2017+1, Class D. 3,84%, 03152023 295.829 295.226 Series 2018+1, Class D. 3,81%, 05152024 180.000 179.996 179.996 36.000 36.000 379.996 36.000 3		107 116	105 071	Class A2, 1.30% (1 mo. USD		
3.84%, 03/15/2023 265.829 295.226 Series 2011-1. Class D, 3.81%, 05/15/2024 180.000 179.996 Series 2011-2. Class D, 3.14%, 05/15/2024 215.000 217.266 Series 2011-3. Class D, 3.16/2024 215.000 217.266 Series 2011-3. Class D, 3.16/2024 210.000 2198.745 Series 2011-3. Class D, 3.16/2024 210.000 208.827 Series 2011-3. Class D, 3.16/2026 Series 2011-3. Class C, 3.16/2026 Series 2011-3. Class D, 3.16/2026 Series 2011		121,110	125,071	•		
Series 2016-1, Class D. 3.61%, 0.0515/2024 180.000 179.996 179.996 180.000 179.996 180.000 179.996 180.000 179.996 180.0000 180.000 180.0000 180.0000 180.0000 180.0000 180.0000 1		205 820	205 226	09/15/2024(c)	560,000	507,634
3.81%, 0.6716,72024		255,025	290,220	~ ~		
Series 2019-2, Class D,		180.000	179.996		00.000	00.475
4.14%, 08/16/2024 215,000 217,266 367%, 12/25/2046(b)(f) 60,000 59,379 56762 2018-3, Class D, 4.30%, 09/16/2024 200,000 198,745 3.50%, 01/25/2046(b)(f) 95,000 93,704 56762 2018-3, Class C, 3.49%, 01/25/2046(b)(f) 285,000 279,758 56762 2019-3, Class C, 3.49%, 04/25/2046(b)(f) 285,000 279,758 56762 2019-3, Class D, 3.18%, 01/15/2025 215,000 274,757 56762 2019-3, Class D, 2.70%, 02/16/2027 80,000 74,757 56762 2018-3, Class E, 6.49%, 09/15/2023(b) 120,000 119,200 56762 2017-1A, Class D, 3.59%, 01/15/2023(b) 120,000 119,200 56762 2017-3A, Class D, 3.89%, 01/15/2023(b) 119,619 119,569 56762 2017-3A, Class D, 3.89%, 01/15/2023(b) 154,488 154,150 56762 2017-3A, Class E, 5.60%, 09/15/2024(b) 195,000 196,965 579%, 09/15/2022(b) 250,000 29,498 56762 2017-3A, Class B, 5.50%, 09/15/2023(b) 250,000 250,364 56762 2018-3A, Class D, 3.69%, 09/15/2023(b) 250,000 250,364 56762 2018-3A, Class B, 3.69%, 09/15/2023(b) 250,000 250,364 56762 2018-3A, Class D, 3.69%, 09/15/2023(b) 250,000 250,364 56762 2018-3A, Class D		,			90,000	89,175
Series 2018-J, Class D, 4.39%, 99/16/2024 200.000		215,000	217,266	,	60,000	E0 270
A.30%, 09/16/2024 200,000 198,745 3.50%, 01/25/2046(b)(f) 95,000 93,704	Series 2018-3, Class D,				60,000	59,379
Series 2018-5, Class C, 3,99%, 01/15/2025 210,000 208,827 34,9%, 60/25/2046(b)t) 285,000 279,758 279,7	4.30%, 09/16/2024	200,000	198,745		95 000	93 704
3.99%, 0.17512/0.25	Series 2018-5, Class C,				93,000	93,704
Series 2019-1, Class C, 345,000 344,477 344,466	3.99%, 01/15/2025	210,000	208,827		285 000	270 758
Series 2019-3, Class D, 3-15, 00 344,476 34,9%, 04/25/2046(b)(f) 245,000 244,466 Series 2019-4, Class D, 2-10%, 02/16/2027 80,000 74,757 Series 2014-K715, Class C, 4-12%, 02/25/204(b)(f) 190,000 190,619 190,019	Series 2019-1, Class C,				203,000	219,130
Series 2019-3, Class D, 3.18%, 10/15/2026 215,000 207,800 318%, 10/15/2026 215,000 207,800 318%, 10/15/2026 30,000 74,757 20,000 319,000 319,019 319,0		345,000	344,477		245 000	244 466
Series 2019-4, Class D, 270%, 02/16/2027 80,000 74,757 GLS Auto Receivables Trust, Series 2018-1A, Class D, 270%, 02/16/2027 80,000 74,757 GLS Auto Receivables Trust, Series 2018-1A, Class E, 6.49%, 09/15/2023(b) 120,000 119,200 119,200 GM Financial Automobile Leasing Trust, Series 2017-1A, Class D, 3.55%, 11/15/2022(b) 70,202 70,061 Series 2017-2A, Class D, 3.89%, 01/15/2023(b) 119,619 119,569 Series 2017-2A, Class D, 3.89%, 01/15/2023(b) 68,018 67,807 GMF Floorplan Owner Revolving Trust, Series 2017-3A, Class D, 3.69%, 08/15/2023(b) 195,000 196,965 3.49%, 09/15/2022(b) 240,000 229,498 Series 2017-4A, Class D, 3.47%, 07/17/2023(b) 154,486 154,150 Series 2018-3A, Class B, 3.56%, 09/15/2022(b) 250,000 250,354 Series 2018-3A, Class B, 3.56%, 09/15/2023(b) 250,000 250,354 Series 2018-3A, Class B, 3.56%, 09/15/2022(b) 250,000 250,354 Series 2018-3A, Class C, 3.79%, 07/15/2024(b) 100,000 98,447 Series 2018-3A, Class D, 3.48%, 09/15/2022(b) 250,000 250,354 Series 2018-3A, Class D, 3.48%, 09/15/2023(b) 250,000 250,354 Series 2018-3A, Class D, 3.48%, 09/15/202					2 10,000	211,100
Series 2019-4, Class D, 27-0%, 02/16/2027 80,000 74,757 Series 2018-1A, Class D, 28-26, 07/15/2022(b) 71,078 70,798 70,798 70,798 70,798 70,798 70,498		215,000	207,800		190.000	190.619
Date		00.000	74757		,	,
Series 2016-4A, Class E, 6.49%, 09/15/2023(b) 120,000 119,200 119,200 GM Financial Automobile Leasing Trust, Series 2017-1A, Class D, 3.55%, 11/15/2022(b) 70,202 70,061 Series 2017-3, Class C, 2.73%, 09/20/2021 120,000 120,007 120,007 Series 2017-2A, Class D, 3.89%, 01/15/2023(b) 119,619 119,569 3.50%, 04/20/2022 135,000 135,500		80,000	74,757	•		
Content	·				71,078	70,798
Leasing Trust,		120 000	110 200	GM Financial Automobile		
3.55%, 11/15/2022(b) 70,202 70,061 Series 2017-3, Class C, 2.73%, 09/20/2021 120,000 120,007		120,000	119,200	Leasing Trust,		
Series 2017-2A, Class D, 3.89%, 01/15/2023(b)		70 202	70 061			
Series 2017-3A, Class D, 3.58%, 05/15/2023(b)		70,202	70,001	2.73%, 09/20/2021	120,000	120,007
Series 2017-3A, Class D, 3.58%, 05/15/2023(b)		119 619	119 569			
Series 2017-3A, Class E, 5.60%, 08/15/2024(b)		110,010	110,000		135,000	135,500
Series 2017-3A, Class E, 5.60%, 08/15/2024(b)	*	68.018	67.807			
Series 2017-4A, Class D, 3.47%, 07/17/2023(b)		00,010		•		
Series 2017-4A, Class D, 3.47%, 07/17/2023(b)		195,000	196,965	•	240 000	229 498
3.47%, 07/17/2023(b) 154,488 154,150 3.68%, 09/15/2022(b) 200,000 190,611	Series 2017-4A, Class D,	,	<u>, </u>		210,000	220,100
Series 2017-4A, Class E, 5.15%, 11/15/2024(b) 215,000 215,901 Series 2018-4, Class B, 3.68%, 09/15/2023(b) 200,000 192,849 Series 2018-3A, Class B, 3.56%, 09/15/2022(b) 250,000 250,354 3.88%, 09/15/2023(b) 250,000 238,493 Series 2018-3A, Class C, 3.79%, 07/15/2024(b) 100,000 98,447 Series 2012-GC6, Class A3, 3.48%, 01/10/2045 59,774 60,836 Series 2019-2A, Class D, 3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class A3, 4.65%, 11/10/2046 45,000 47,437 Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class A3, 4.65%, 11/10/2046 45,000 47,437 Series 2019-4A, Class D, 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class A1, 2.68%, 06/10/2046 21,689 21,844 Element Rail Leasing I LLC, Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B, Series 2018-AA, Class B, 32,514 28,077		154,488	154,150		200.000	190.611
5.15%, 11/15/2024(b) 215,000 215,901 3.68%, 09/15/2023(b) 200,000 192,849 Series 2018-3A, Class B, 3.56%, 09/15/2022(b) 250,000 250,354 3.88%, 09/15/2023(b) 250,000 238,493 Series 2018-3A, Class C, 3.79%, 07/15/2024(b) 100,000 98,447 Series 2012-GC6, Class A3, 3.48%, 01/10/2045 59,774 60,836 Series 2019-2A, Class D, 3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class A3, 48%, 01/10/2045 59,774 60,836 Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class A3, 4.65%, 11/10/2046 45,000 47,437 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class AAB, 2.68%, 06/10/2046 21,689 21,844 2.85%, 07/15/2025(b) 225,000 220,641 AAB, 2.68%, 06/10/2046 21,689 21,844 2.85%, 07/15/2025(b) 225,000 220,641 AAB, 3.65%, 01/10/2047 65,565 67,611 Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B,<	Series 2017-4A, Class E,	·	<u> </u>			
Series 2018-3A, Class B, 3.56%, 09/15/2022(b) 250,000 250,354 Series 2018-4, Class C, 3.88%, 09/15/2023(b) 250,000 238,493 Series 2018-3A, Class C, 3.79%, 07/15/2024(b) 100,000 98,447 Series 2012-GC6, Class A3, 3.48%, 01/10/2045 59,774 60,836 Series 2019-2A, Class D, 3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class A3, 3.48%, 01/10/2045 59,774 60,836 Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GC16, Class A3, 45, 4.65%, 11/10/2046 45,000 47,437 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class A8, 2.68%, 06/10/2046 21,689 21,844 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class AA, 3.65%, 01/10/2047 65,565 67,611 Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B, Series 2018-4A, Class B, Series 2018-4A, Class B, 32,514 28,077	5.15%, 11/15/2024(b)	215,000	215,901	•	200,000	192,849
3.56%, 09/15/2022(b) 250,000 250,354 3.88%, 09/15/2023(b) 250,000 238,493	Series 2018-3A, Class B,			Series 2018-4, Class C,	,	, , , , , , , , , , , , , , , , , , ,
3.79%, 07/15/2024(b) 100,000 98,447 Series 2012-GC6, Class A3, 3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class Series 2019-4A, Class D, 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class Element Rail Leasing I LLC, Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2015-AR, Class 6A1, Exeter Automobile Receivables Trust, Series 2018-4A, Class B,	3.56%, 09/15/2022(b)	250,000	250,354	•	250,000	238,493
Series 2019-2A, Class D, 3.48%, 01/10/2045 59,774 60,836 3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class Series 2019-3A, Class D, AS, 4.65%, 11/10/2046 45,000 47,437 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class Series 2019-4A, Class D, AAB, 2.68%, 06/10/2046 21,689 21,844 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class Element Rail Leasing I LLC, AAB, 3.65%, 01/10/2047 65,565 67,611 Series 2014-1A, Class A1, GSR Mortgage Loan Trust, Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B, 4.66%, 07/25/2035(f) 32,514 28,077	Series 2018-3A, Class C,			GS Mortgage Securities Trust,		
3.48%, 02/18/2025(b) 125,000 103,886 Series 2013-GC16, Class AS, 4.65%, 11/10/2046 45,000 47,437 Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class AAB, 2.68%, 06/10/2046 21,689 21,844 Series 2019-4A, Class D, 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class AAB, 2.68%, 06/10/2046 21,689 21,844 Element Rail Leasing I LLC, Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) GSR Mortgage Loan Trust, Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B,	3.79%, 07/15/2024(b)	100,000	98,447	Series 2012-GC6, Class A3,		
Series 2019-3A, Class D, 2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class Series 2019-4A, Class D, AAB, 2.68%, 06/10/2046 21,689 21,844 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class Element Rail Leasing I LLC, AAB, 3.65%, 01/10/2047 65,565 67,611 Series 2014-1A, Class A1, GSR Mortgage Loan Trust, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, Exeter Automobile Receivables 4.66%, 07/25/2035(f) 32,514 28,077	Series 2019-2A, Class D,			3.48%, 01/10/2045	59,774	60,836
2.96%, 04/15/2025(b) 75,000 72,610 Series 2013-GCJ12, Class Series 2019-4A, Class D, 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class Element Rail Leasing I LLC, Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Exeter Automobile Receivables Trust, Series 2018-4A, Class B, Series 2018-4A, Class B,	3.48%, 02/18/2025(b)	125,000	103,886	Series 2013-GC16, Class		
Series 2019-4A, Class D, 2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class Element Rail Leasing I LLC, AAB, 3.65%, 01/10/2047 65,565 67,611 Series 2014-1A, Class A1, GSR Mortgage Loan Trust, 2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, Exeter Automobile Receivables 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B,	Series 2019-3A, Class D,				45,000	47,437
2.85%, 07/15/2025(b) 225,000 220,641 Series 2014-GC18, Class AAB, 3.65%, 01/10/2047 65,565 67,611 GSR Mortgage Loan Trust, Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Series 2018-4A, Class B,	2.96%, 04/15/2025(b)	75,000	72,610			
Element Rail Leasing I LLC, Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Exeter Automobile Receivables Trust, Series 2018-4A, Class B, AAB, 3.65%, 01/10/2047 65,565 67,611 GSR Mortgage Loan Trust, Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077					21,689	21,844
Series 2014-1A, Class A1, 2.30%, 04/19/2044(b) 56,575 56,349 Exeter Automobile Receivables Trust, Series 2018-4A, Class B, GSR Mortgage Loan Trust, Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077		225,000	220,641		05 505	07.044
2.30%, 04/19/2044(b) 56,575 56,349 Series 2005-AR, Class 6A1, 4.66%, 07/25/2035(f) 32,514 28,077 Trust, Series 2018-4A, Class B,				·	05,505	67,611
Exeter Automobile Receivables Trust, Series 2018-4A, Class B, 4.66%, 07/25/2035(f) 32,514 28,077		F0 575	50.040			
Trust, Series 2018-4A, Class B,		56,575	56,349		32 514	28 077
Series 2018-4A, Class B,					02,017	20,011
	•					
110,100		171.531	170.488			
	,	,50 1	,			

Series 2019-1A, Class D, 4.13%, 12/16/2024(b)	260,000	235,009	HomeBanc Mortgage Trust, Series 2005-3, Class A2,	
Series 2019-2A, Class C, 3.30%, 03/15/2024(b)	317,000	295,097	2.25% (1 mo. USD LIBOR + 0.31%), 07/25/2035(c)	9,946
Series 2019-4A, Class D, 2.58%, 09/15/2025(b)	240,000	227,973		

9,779

See accompanying notes which are an integral part of this schedule.

	Principal Amount	Value		Principal Amount	Value
JP Morgan Chase Commercial Mortgage Securities Trust, Series 2013-C10, Class AS, 3.37%, 12/15/2047 Series 2013-C16, Class AS,	\$ 315,000	\$ 320,038	Neuberger Berman Loan Advisers CLO 24 Ltd., Series 2017-24A, Class AR, 1.80% (3 mo. USD LIBOR + 1.02%), 04/19/2030(b)(c)	\$ 293,000	\$ 282,260
4.52%, 12/15/2046	300,000	317,514	OHA Loan Funding Ltd., Series	, ,	, , , , , ,
Series 2013-LC11, Class AS, 3.22%, 04/15/2046 Series 2014-C20, Class AS,	40,000	40,452	2016-1A, Class AR, 2.99% (3 mo. USD LIBOR + 1.26%), 01/20/2033(b)(c)	287,936	273,108
4.04%, 07/15/2047	220,000	229,932	Prestige Auto Receivables Trust,		
Series 2016-JP3, Class A2, 2.43%, 08/15/2049	141,171	141,770	Series 2019-1A, Class C, 2.70%, 10/15/2024(b)	115,000	111,062
JP Morgan Mortgage Trust, Series 2007-A1, Class 5A1, 3.98%, 07/25/2035(f)	36,564	33,611	Progress Residential Trust, Series 2020-SFR1, Class A, 1.73%, 04/17/2037(b)	395,000	378,145
Series 2018-8, Class A17, 4.00%, 01/25/2049(b)(f) JPMBB Commercial Mortgage	50,000	48,948	RBSSP Resecuritization Trust, Series 2010-1, Class 2A1, 4.22% (Acquired 02/25/2015; Cost \$4,746), 07/26/2045(b)(f)	3,752	3,757
Securities Trust, Series 2014-C24, Class B, 4.12%, 11/15/2047(f)	245,000	243,664	Residential Accredit Loans, Inc. Trust, Series 2006-QS13, Class 1A8,		
Series 2014-C25, Class AS, 4.07%, 11/15/2047	200,000	209,648	6.00%, 09/25/2036	533	450
Series 2015-C27, Class XA, 1.17%, 02/15/2048(f)	2,147,419	99,944	Series 2007-QS6, Class A28, 5.75%, 04/25/2037	6,296	5,404
LB Commercial Conduit Mortgage Trust, Series 1998- C1, Class IO, 0.78%,			Residential Mortgage Loan Trust, Series 2020-1, Class A1, 2.38%, 02/25/2024(b)(f)	153,329	148,125
02/18/2030(f)	51,013	11	Santander Drive Auto Receivables Trust,		
Lehman Structured Securities Corp., Series 2002-GE1, Class A, 0.00%, 07/26/2024(b)(f)	19,570	12,438	Series 2017-1, Class E, 5.05%, 07/15/2024(b)	355,000	353,178
MASTR Asset Backed Securities Trust, Series 2006-WMC3,			Series 2017-2, Class D, 3.49%, 07/17/2023	70,000	69,851
Class A3, 1.73% (1 mo. USD LIBOR + 0.10%), 08/25/2036(c)	43,563	17,343	Series 2017-3, Class D, 3.20%, 11/15/2023	280,000	281,481
Morgan Stanley BAML Trust, Series 2013-C9, Class AS,	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	Series 2018-1, Class D, 3.32%, 03/15/2024	100,000	97,062
3.46%, 05/15/2046	225,000	227,751	Series 2018-2, Class D, 3.88%, 02/15/2024	165,000	164,737
Series 2014-C19, Class AS, 3.83%, 12/15/2047	595,000	615,064	Series 2018-5, Class C, 3.81%,	·	·
Morgan Stanley Capital I Trust, Series 2011-C2, Class A4, 4.66%, 06/15/2044(b)	72,183	74,327	12/16/2024 Series 2019-2, Class D, 3.22%, 07/15/2025	215,000	212,716 192,967
Series 2017-HR2, Class XA, 0.79%, 12/15/2050(f)	677,896	32,514	Series 2019-3, Class D, 2.68%, 10/15/2025	165,000	157,735

Morgan Stanley ReRemic Trust,			Series 2019-A, Class C,		
Series 2012-R3, Class 1B,			3.30%, 05/22/2023(b)	315,000	318,342
3.27%, 11/26/2036(b)(f)	372,128	325,440	Series 2019-B, Class C,		
Mortgage-Linked Amortizing			2.77%, 08/21/2023(b)	115,000	99,802
Notes, Series 2012-1, Class			Series 2019-C, Class C,		
A10, 2.06%, 01/15/2022	179,418	183,672	2.39%, 11/20/2023(b)	210,000	207,443
Navistar Financial Dealer Note			Sonic Capital LLC, Series 2020-		
Master Owner Trust II,			1A, Class A2I, 3.85%,		
Series 2018-1, Class A, 2.26%			01/20/2050(b)	90,924	88,482
(1 mo. USD LIBOR + 0.63%),	440.000	400.000	Starwood Mortgage Residential		
09/25/2023(b)(c)	110,000	106,823	Trust, Series 2020-1, Class A1,		
Series 2018-1, Class B, 2.43%			2.28%, 02/25/2050(b)(f)	220,086	211,386
(1 mo. USD LIBOR + 0.80%),			Symphony CLO XXII Ltd., Series		
09/25/2023(b)(c)	125,000	121,252	2020-22A, Class A1A, 2.60%		
Series 2019-1, Class C, 2.58%			(3 mo. USD LIBOR + 1.29%),		
(1 mo. USD LIBOR + 0.95%),			04/18/2033(b)(c)	250,000	239,182
05/25/2024(b)(c)	25,000	24,323	TICP CLO XV Ltd., Series 2020-		
Series 2019-1, Class D, 3.08%			15A, Class A, 2.92% (3 mo.		
(1 mo. USD LIBOR + 1.45%),			USD LIBOR + 1.28%),		
05/25/2024(b)(c)	25,000	24,317	04/20/2033(b)(c)	271,000	258,831
			UBS Commercial Mortgage Trust,		
			Series 2017-C5, Class XA,		
			1.01%, 11/15/2050(f)	1,239,165	65,468

	Principal Amount	Value		Principal Amount	Value
United Auto Credit			Collateralized Mortgage Obligati	ions–(continued)	
Securitization Trust, Series			Fannie Mae Interest STRIPS,	,	
2019-1, Class C, 3.16%,			IO,		
08/12/2024(b)	\$ 150,000	\$ 145,181	7.50%, 05/25/2023 to		
Verus Securitization Trust,			11/25/2029	\$ 87,706	\$ 10,533
Series 2020-1, Class A1,			7.00%, 06/25/2023 to		
2.42%, 01/25/2060(b)(f)	471,609	453,229	04/25/2032	186,643	30,308
Series 2020-1, Class A2,			6.50%, 04/25/2029 to		
2.64%, 01/25/2060(b)(f)	103,165	99,161	02/25/2033	391,549	90,250
WaMu Mortgage Pass-Through			6.00%, 02/25/2033 to		
Ctfs. Trust,			03/25/2036	311,382	63,546
Series 2003-AR10, Class			5.50%, 09/25/2033 to		
A7, 4.18%, 10/25/2033(f)	45,583	41,694	06/25/2035	466,203	88,748
Series 2005-AR14, Class			Fannie Mae REMICs,		
1A4, 3.83%, 12/25/2035(f)	93,471	84,357	3.00%, 05/25/2020 to		
Series 2005-AR16, Class			11/25/2027	135,106	8,191
1A1, 3.75%, 12/25/2035(f)	44,267	38,635	5.50%, 04/25/2023 to		
Wells Fargo Commercial			07/25/2046	236,725	163,406
Mortgage Trust,			6.50%, 06/25/2023 to		
Series 2015-NXS1, Class			10/25/2031	167,428	186,902
ASB, 2.93%, 05/15/2048	299,949	305,572	4.00%, 08/25/2026 to		
Series 2017-C42, Class XA,			08/25/2047	409,096	26,690
0.89%, 12/15/2050(f)	890,865	49,712	6.00%, 11/25/2028 to		
Wells Fargo Mortgage Backed			12/25/2031	105,252	121,135
Securities Trust, Series			1.88%, (1 mo. USD LIBOR +		
2019-1, Class A7, 4.00%,			0.25%), 08/25/2035(c)	1,325	1,312
11/25/2048(b)(f)	46,095	45,986	18.60%, (24.57% - (3.67 x 1		
Westlake Automobile			mo. USD LIBOR)),		
Receivables Trust,			03/25/2036(c)	52,113	88,354

Series 2017-2A, Class E,			18.23%, (24.20% - (3.67 x 1		
4.63%, 07/15/2024(b)	305,000	304,861	mo. USD LIBOR)),		
Series 2018-1A, Class D,			06/25/2036(c)	32,158	53,199
3.41%, 05/15/2023(b)	160,000	153,318	18.24%, (24.20% - (3.67 x 1		
Series 2018-3A, Class B,			mo. USD LIBOR)),		
3.32%, 10/16/2023(b)	245,000	241,927	06/25/2036(c)	39,515	64,435
Series 2019-3A, Class C,			2.57%, (1 mo. USD LIBOR +		
2.49%, 10/15/2024(b)	260,000	254,526	0.94%), 06/25/2037(c)	16,939	17,100
WFRBS Commercial Mortgage			1.50%, 01/25/2040	138,007	139,145
Trust,			PO,		
Series 2013-C14, Class AS,	450.000	450.000	0.00%, 09/25/2023(h)	23,622	23,215
3.49%, 06/15/2046	150,000	152,023	IO,		
Series 2014-C20, Class AS,	400.000	405 504	5.07%, 02/25/2024 to		
4.18%, 05/15/2047	130,000	135,591	05/25/2035	159,349	29,866
Series 2014-LC14, Class			5.47%, (7.10% - 1 mo. USD		
AS, 4.35%, 03/15/2047(f)	145,000	151,775	LIBOR), 11/25/2030(c)	64,146	11,714
World Financial Network Credit			6.24%, 11/18/2031 to		
Card Master Trust,			12/18/2031	4,207	859
Series 2018-A, Class A,	405.000	404 507	6.27%, 11/25/2031	81,678	15,417
3.07%, 12/16/2024	495,000	494,527	5.62%, (7.25% - 1 mo. USD		
Series 2018-B, Class A,	000 000	000 700	LIBOR), 01/25/2032(c)	4,523	875
3.46%, 07/15/2025	230,000	233,708	6.32%, (7.95% - 1 mo. USD		
Series 2018-C, Class A,	470.000	470.400	LIBOR), 01/25/2032(c)	22,490	4,447
3.55%, 08/15/2025	470,000	478,130	6.34%, 03/18/2032 to		
Series 2019-A, Class A,			12/18/2032	7,956	1,754
3.14%, 12/15/2025	75,000	75,680	6.47%, 03/25/2032 to	·	<u> </u>
Series 2019-B, Class A,			04/25/2032	6,415	1,477
2.49%, 04/15/2026	270,000	271,402	5.37%, 04/25/2032 to	<u> </u>	·
Series 2019-C, Class A,			09/25/2032	20,643	3,874
2.21%, 07/15/2026	235,000	226,857	6.17%, (7.80% - 1 mo. USD		·
Total Asset-Backed Securities			LIBOR), 04/25/2032(c)	743	154
(Cost \$31,111,228)		29,918,851	6.37%, 04/25/2032 to		
U.S. Government Sponsored	Agency Mortgag	e-Backed	12/25/2032	323,902	67,772
Securities–19.76%			6.44%, 12/18/2032	33,779	5,900
Collateralized Mortgage Obligati	ons–3.59%		6.62%, 02/25/2033 to	30,110	
Fannie Mae, TBA,			05/25/2033	126,548	28,311
2.50%, 04/01/2035(g)	1,465,000	1,520,224	7.00%, 04/25/2033	3,255	802
			4.42%, 03/25/2035 to	0,200	002
			4.42%, 03/23/2033 to 07/25/2038	56,917	10 507
			01/23/2030		
			-	30,917	10,507
See accompanying notes which	h aro an intogral :	vart of this schodule		50,917	10,307
See accompanying notes whic	h are an integral լ	part of this schedule		30,917	10,507
See accompanying notes whic		part of this schedule		30,917	10,307
. , ,	ond Fund	part of this schedule			10,307
. , ,		part of this schedule		Principal Amount	Value
. , ,	ond Fund Principal Amount			Principal Amount	
Invesco Oppenheimer V.I. Total Return Bo	ond Fund Principal Amount		9 .	Principal Amount	
Invesco Oppenheimer V.I. Total Return Bo	ond Fund Principal Amount		Collateralized Mortgage Obligate	Principal Amount	
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to	Principal Amount ons–(continued)	Value	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo.	Principal Amount	
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035	Principal Amount ons–(continued)	Value	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c)	Principal Amount tions–(continued)	Value
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035(c)	Principal Amount ons-(continued) \$ 23,848 41,811	Value \$ 4,020 6,591	Collateralized Mortgage Obligat 5.40%, (6.10% - 1 mo. USD LIBOR),	Principal Amount tions–(continued)	Value
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035(c) 3.50%, 08/25/2035	Principal Amount ons–(continued) \$ 23,848	Value \$ 4,020	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS,	Principal Amount tions–(continued)	Value
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035(c) 3.50%, 08/25/2035 4.47%, (6.10% - 1 mo. USD	Principal Amount ons-(continued) \$ 23,848 41,811 354,354	\$ 4,020 6,591 44,492	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS, PO,	Principal Amount tions-(continued) \$ 145,304	Value \$ 15,187
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035 4.47%, (6.10% - 1 mo. USD LIBOR), 10/25/2035(c)	Principal Amount ons-(continued) \$ 23,848 41,811	Value \$ 4,020 6,591	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS, PO, 0.00%, 06/01/2026(h)	Principal Amount tions-(continued) \$ 145,304	Value \$ 15,187
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035 4.47%, (6.10% - 1 mo. USD LIBOR), 10/25/2035(c) 4.92%, (6.55% - 1 mo. USD	Principal Amount ons-(continued) \$ 23,848 41,811 354,354 121,263	\$ 4,020 6,591 44,492 23,977	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS, PO, 0.00%, 06/01/2026(h) IO,	Principal Amount tions-(continued) \$ 145,304 14,879 197,650	Value \$ 15,187 14,331 10,783
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035 4.47%, (6.10% - 1 mo. USD LIBOR), 10/25/2035(c) 4.92%, (6.55% - 1 mo. USD LIBOR), 10/25/2041(c)	Principal Amount ons-(continued) \$ 23,848 41,811 354,354	\$ 4,020 6,591 44,492	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS, PO, 0.00%, 06/01/2026(h) IO, 3.00%, 12/15/2027 3.27%, 12/15/2027(f)	Principal Amount tions–(continued) \$ 145,304 14,879 197,650 51,607	Value \$ 15,187 14,331 10,783 2,815
Collateralized Mortgage Obligati 5.12%, 03/25/2035 to 05/25/2035 4.97%, (6.60% - 1 mo. USD LIBOR), 05/25/2035 4.47%, (6.10% - 1 mo. USD LIBOR), 10/25/2035(c) 4.92%, (6.55% - 1 mo. USD	Principal Amount ons-(continued) \$ 23,848 41,811 354,354 121,263	\$ 4,020 6,591 44,492 23,977	Collateralized Mortgage Obligate 5.40%, (6.10% - 1 mo. USD LIBOR), 01/15/2044(c) Freddie Mac STRIPS, PO, 0.00%, 06/01/2026(h) IO, 3.00%, 12/15/2027	Principal Amount tions-(continued) \$ 145,304 14,879 197,650	Value \$ 15,187 14,331 10,783

6.00%, 12/15/2032

35,151

5,983

4,353,030

4.27%, (5.90% - 1 mo. USD

LIBOR), 09/25/2047(c)

831,007

99,469

Freddie Mac Multifamily			Federal Home Loan Mortgage	Corp. (FHLMC)-0.4	4%
Structured Pass Through			10.50%, 10/01/2020	1	1
Ctfs.,			9.00%, 08/01/2022 to		
0.50%, 03/25/2024(f)	4,562,931	63,026	05/01/2025	2,375	2,601
0.63%, 11/25/2024(f)	2,754,936	55,766	6.00%, 10/01/2022 to		,
0.65%, 02/25/2026(f)	2,048,287	66,779	10/01/2029	172,048	192,300
0.95%, 05/25/2029(f)	1,692,736	123,395	6.50%, 07/01/2028 to		
Series K735, Class X1,			04/01/2034	71,372	80,877
1.10%, 05/25/2026(f)	2,158,612	110,866	7.00%, 10/01/2031 to		
Freddie Mac REMICs,			10/01/2037	62,453	70,673
4.50%, 07/15/2020	22	22	5.00%, 12/01/2034	2,785	3,067
3.00%, 12/15/2020 to			5.50%, 09/01/2039	165,142	186,764
05/15/2040	458,427	29,619			536,283
1.50%, 07/15/2023	31,802	32,072	Federal National Mortgage Ass	ociation (FNMA)-1	1.89%
6.75%, 02/15/2024	3,969	4,258	5.00%, 03/01/2021 to		
6.50%, 02/15/2028 to			07/01/2022	442	464
06/15/2032	453,979	516,898	7.00%, 01/01/2030 to		
8.00%, 03/15/2030	713	861	12/01/2032	10,427	12,268
1.70%, (1 mo. USD LIBOR			8.50%, 07/01/2032	2,511	2,540
+ 1.00%), 02/15/2032(c)	861	877	7.50%, 01/01/2033	2,268	2,709
3.50%, 05/15/2032	15,894	17,003	6.50%, 01/01/2034	4,568	5,214
22.17%, (24.75% - (3.67 x 1			5.50%, 02/01/2035 to		
mo. USD LIBOR)),			05/01/2036	77,534	87,808
08/15/2035(c)	9,056	15,284	TBA,		
1.10%, (1 mo. USD LIBOR			3.00%, 04/01/2035 to		
+ 0.40%), 09/15/2035(c)	1,364	1,351	04/01/2050(g)	8,145,000	8,538,140
4.00%, 04/15/2040 to			3.50%, 04/01/2050(g)	5,435,000	5,749,848
03/15/2045	157,625	17,794			14,398,991
5.00%, 06/15/2040	513	517	Government National Mortgage	Association (GNN	/IA)-3.84%
IO,			7.00%, 12/15/2023 to		
6.95%, 07/15/2026 to			03/15/2026	2,293	2,427
•			-	2,200	
03/15/2029	109,646	15,592	IO,	2,200	
03/15/2029 2.50%, 05/15/2028	85,493	4,521	6.80%, (7.50% - 1 mo.	2,200	_,,
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028	· · · · · · · · · · · · · · · · · · ·		6.80%, (7.50% - 1 mo. USD LIBOR),		
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD	85,493 1,393	4,521 154	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c)	84,889	240
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c)	85,493	4,521	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo.		
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD	85,493 1,393 1,464	4,521 154 291	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR),	84,889	240
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c)	85,493 1,393	4,521 154	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c)		
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD	85,493 1,393 1,464 310,757	4,521 154 291 58,018	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo.	84,889	240
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c)	85,493 1,393 1,464	4,521 154 291	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR),	84,889 44,907	9,030
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470	4,521 154 291 58,018 6,958	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c)	84,889 44,907 286,063	9,030 51,401
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c)	85,493 1,393 1,464 310,757	4,521 154 291 58,018	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047	84,889 44,907	9,030
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470 42,869	4,521 154 291 58,018 6,958 6,918	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo.	84,889 44,907 286,063	9,030 51,401
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c)	85,493 1,393 1,464 310,757 37,470	4,521 154 291 58,018 6,958	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR),	84,889 44,907 286,063 270,072	9,030 51,401 38,605
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470 42,869 13,211	4,521 154 291 58,018 6,958 6,918	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c)	84,889 44,907 286,063	9,030 51,401
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c)	85,493 1,393 1,464 310,757 37,470 42,869	4,521 154 291 58,018 6,958 6,918	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA,	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995	4,521 154 291 58,018 6,958 6,918 1,902 1,596	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211	4,521 154 291 58,018 6,958 6,918	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279	4,521 154 291 58,018 6,958 6,918 1,902 1,596	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995	4,521 154 291 58,018 6,958 6,918 1,902 1,596	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD LIBOR), 05/15/2038(c) 5.55%, (6.25% - 1 mo. USD	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279 205,329	4,521 154 291 58,018 6,958 6,918 1,902 1,596 934 41,461	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD LIBOR), 05/15/2038(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279	4,521 154 291 58,018 6,958 6,918 1,902 1,596	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g) Total U.S. Government Sponsored Agency Mortgage-Backed	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD LIBOR), 05/15/2038(c) 5.55%, (6.25% - 1 mo. USD LIBOR), 12/15/2039(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279 205,329 49,423	4,521 154 291 58,018 6,958 6,918 1,902 1,596 934 41,461 9,014	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g) Total U.S. Government Sponsored Agency Mortgage-Backed Securities (Cost \$24,253,153)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858 4,644,778
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD LIBOR), 05/15/2038(c) 5.55%, (6.25% - 1 mo. USD LIBOR), 12/15/2039(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279 205,329 49,423 ich are an integral	4,521 154 291 58,018 6,958 6,918 1,902 1,596 934 41,461 9,014	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g) Total U.S. Government Sponsored Agency Mortgage-Backed Securities (Cost \$24,253,153)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858 4,644,778
03/15/2029 2.50%, 05/15/2028 7.90%, 07/17/2028 7.40%, (8.10% - 1 mo. USD LIBOR), 06/15/2029(c) 6.00%, (6.70% - 1 mo. USD LIBOR), 01/15/2035(c) 6.05%, (6.75% - 1 mo. USD LIBOR), 02/15/2035(c) 6.02%, (6.72% - 1 mo. USD LIBOR), 05/15/2035(c) 5.45%, (6.15% - 1 mo. USD LIBOR), 07/15/2035(c) 6.30%, (7.00% - 1 mo. USD LIBOR), 12/15/2037(c) 5.30%, (6.00% - 1 mo. USD LIBOR), 04/15/2038(c) 5.37%, (6.07% - 1 mo. USD LIBOR), 05/15/2038(c) 5.55%, (6.25% - 1 mo. USD LIBOR), 12/15/2039(c)	85,493 1,393 1,464 310,757 37,470 42,869 13,211 6,995 5,279 205,329 49,423 ich are an integral	4,521 154 291 58,018 6,958 6,918 1,902 1,596 934 41,461 9,014	6.80%, (7.50% - 1 mo. USD LIBOR), 02/16/2032(c) 5.85%, (6.55% - 1 mo. USD LIBOR), 04/16/2037(c) 5.95%, (6.65% - 1 mo. USD LIBOR), 04/16/2041(c) 4.50%, 09/16/2047 5.50%, (6.20% - 1 mo. USD LIBOR), 10/16/2047(c) TBA, 3.50%, 04/01/2050(g) Total U.S. Government Sponsored Agency Mortgage-Backed Securities (Cost \$24,253,153)	84,889 44,907 286,063 270,072	9,030 51,401 38,605 49,217 4,493,858 4,644,778

		Prin
		-

Principal Amount Value

	Principal	
	Amount	Value
 Freddie Mac	,ount	Value

U.S. Treasury Securities-9.02%	%		Series 2014-DN1,		
U.S. Treasury Bonds–1.27%			Class M2, STACR®,		
2.38%, 11/15/2049	\$ 1,233,400	\$ 1,540,449	3.83% (1 mo. USD		
U.S. Treasury Notes-7.75%			LIBOR + 2.20%),	ф. 40.004	Ф 40.000
0.38%, 03/31/2022	869,000	871,393	02/25/2024(c)	\$ 19,061	\$ 18,989
0.50%, 03/15/2023	2,127,000	2,140,543	Series 2014-DN3, Class M3, STACR®,		
0.50%, 03/31/2025	2,999,000	3,018,271	5.63% (1 mo. USD		
0.63%, 03/31/2027	1,800	1,810	LIBOR + 4.00%),		
1.50%, 02/15/2030	3,109,700	3,352,828	08/25/2024(c)	151,728	145,643
		9,384,845	Series 2014-HQ2,		-
Total U.S. Treasury Securities		<u> </u>	Class M3, STACR®,		
(Cost \$10,616,204)		10,925,294	5.38% (1 mo. USD		
Agency Credit Risk Transfer N	otes-2.96%		LIBOR + 3.75%),		
Fannie Mae Connecticut Avenue	2.007		09/25/2024(c)	335,000	313,258
Securities			Series 2016-DNA1,		
Series 2014-C02, Class M2,			Class M2, STACR®, 4.53% (1 mo. USD		
6.03% (1 mo. USD LIBOR +			LIBOR + 2.90%),		
4.40%), 01/25/2024(c)	255,649	240,715	07/25/2028(c)	20,336	20,224
Series 2014-C02, Class 1M2,			Series 2016-DNA2,	-,	-,
4.23% (1 mo. USD LIBOR + 2.60%), 05/25/2024(c)	450.044	100 155	Class M3, STACR®,		
	150,311	136,455	6.28% (1 mo. USD		
Series 2014-C03, Class 2M2, 4.53% (1 mo. USD LIBOR +			LIBOR + 4.65%),		
2.90%), 07/25/2024(c)	42,014	39,348	10/25/2028(c)	217,621	209,256
Series 2014-C03, Class 1M2,	42,014	00,040	Series 2016-DNA4,		
4.63% (1 mo. USD LIBOR +			Class M2, STACR®,		
3.00%), 07/25/2024(c)	243,275	225,227	2.93% (1 mo. USD		
Series 2014-C04, Class 2M2,	,	·	LIBOR + 1.30%), 03/25/2029(c)	72,909	71,977
6.63% (1 mo. USD LIBOR +			Series 2017-HQA1,	72,909	71,977
5.00%), 11/25/2024(c)	242,557	236,293	Class M1, STACR®,		
Series 2016-C01, Class 1M2,			2.83% (1 mo. USD		
8.38% (1 mo. USD LIBOR +			LIBOR + 1.20%),		
6.75%), 08/25/2028(c)	133,303	128,641	08/25/2029(c)	2,819	2,807
Series 2016-C02, Class 1M2,			Series 2018-DNA1,		
7.63% (1 mo. USD LIBOR +	000 000	005.074	Class M1, STACR®,		
6.00%), 09/25/2028(c)	238,636	235,371	2.08% (1 mo. USD		
Series 2016-C06, Class 1M2, 5.88% (1 mo. USD LIBOR +			LIBOR + 0.45%),	05.474	04.000
4.25%), 04/25/2029(c)	280,000	272,528	07/25/2030(c)	65,474	64,636
Series 2017-C01, Class 1M2,	200,000	272,020	Series 2018-HQA1, Class M2, STACR®,		
5.18% (1 mo. USD LIBOR +			3.93% (1 mo. USD		
3.55%), 07/25/2029(c)	183,866	170,228	LIBOR + 2.30%),		
Series 2017-C03, Class 1M1,	· · · · · · · · · · · · · · · · · · ·	<u> </u>	09/25/2030(c)	109,240	93,265
2.58% (1 mo. USD LIBOR +			Series 2018-DNA2,		-
0.95%), 10/25/2029(c)	150,521	146,252	Class M1, STACR®,		
Series 2018-C01, Class 1M1,		_	2.43% (1 mo. USD		
2.23% (1 mo. USD LIBOR +			LIBOR + 0.80%),		
0.60%), 07/25/2030(c)	140,204	139,386	12/25/2030(b)(c)	152,554	150,510
Series 2018-C03, Class 1M1,			Series 2018-HRP2,		
2.31% (1 mo. USD LIBOR +	E0 044	55.005	Class M2, STACR®,		
0.68%), 10/25/2030(c)	56,914	55,985	2.88% (1 mo. USD LIBOR + 1.25%),		
Series 2018-C05, Class 1M1,			02/25/2047(b)(c)	199,598	189,934
2.35% (1 mo. USD LIBOR + 0.72%), 01/25/2031(c)	17,237	17,140	Series 2018-DNA3,	100,000	100,004
	11,201	17,140	Class M1, STACR®,		
			2.38% (1 mo. USD		
			LIBOR + 0.75%),		
			09/25/2048(b)(c)	24,316	23,984

Series 2018-HQA2,					
Class M1, STACR®,					
2.38% (1 mo. USD					
LIBOR + 0.75%),					
10/25/2048(b)(c)		174,821	170,287		
Series 2019-HRP1,					
Class M2, STACR®,					
3.03% (1 mo. USD					
LIBOR + 1.40%),					
02/25/2049(b)(c)		60,000	50,987		
Series 2015-HQA2,					
Class M2, STACR®,					
4.43% (1 mo. USD					
LIBOR + 2.80%),					
05/25/2028(c)		8,244	8,164		
Total Agency Credit	Risk				
Transfer Notes (C	ost				
\$3,920,353)			3,577,490		
Municipal Obligation	s-0.43%				
Grand Parkway					
Transportation Corp.,					
Series 2020, Ref. RB,					
3.24%, 10/01/2052		265,000	258,351		
Texas (State of)			_		
Transportation					
Commission (Central					
Texas Turnpike					
System), Series 2020					
C, Ref. RB, 3.03%,					
08/15/2041		280,000	259,669		
Total Municipal Obligations					
(Cost \$545,000) 518,0					
Non-U.S. Dollar Denominated Bonds & Notes-0.24%					
Integrated Telecommunication Services-0.24%					
AT&T, Inc., Series B,					
2.88%					
(Cost \$326,250)(d)	EUR	300,000	294,805		

Invesco Oppenheimer V.I. Total Return Bond Fund

	Shares	
Money Market Funds-17.40%		
Invesco Liquid Assets		
Portfolio,Institutional Class,		
1.07% (Cost \$21,085,873)(i)	21,080,969	\$ 21,072,536
TOTAL INVESTMENTS IN SECURIT	IES-114.11%	
(Cost \$140,278,786)		138,208,000
OTHER ASSETS LESS LIABILITIES—(14.11)%		(17,086,871)
NET ASSETS-100.00%		\$121,121,129

Investment Abbreviations:

CLO - Collateralized Loan Obligation

Ctfs. - Certificates

DAC – Designated Activity Co.

EUR – Euro

ICE - Intercontinental Exchange

IO – Interest OnlyLIBOR – London Interbank Offered Rate

PO – Principal only
RB – Revenue Bonds
Ref. – Refunding

REIT - Real Estate Investment Trust

REMICs - Real Estate Mortgage Investment Conduits

SOFR – Secured Overnight Financing Rate STACR® – Structured Agency Credit Risk

STRIPS - Separately Traded Registered Interest and Principal Security

TBA – To Be Announced USD – U.S. Dollar

Notes to Schedule of Investments:

- (a) Industry and/or sector classifications used in this report are generally according to the Global Industry Classification Standard, which was developed by and is the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.
- (b) Security purchased or received in a transaction exempt from registration under the Securities Act of 1933, as amended (the "1933 Act"). The security may be resold pursuant to an exemption from registration under the 1933 Act, typically to qualified institutional buyers. The aggregate value of these securities at March 31, 2020 was \$28,360,500, which represented 23.41% of the Fund's Net Assets.
- (c) Interest or dividend rate is redetermined periodically. Rate shown is the rate in effect on March 31, 2020.
- (d) Perpetual bond with no specified maturity date.
- (e) Step coupon bond. The interest rate represents the coupon rate at which the bond will accrue at a specified future date.
- (f) Interest rate is redetermined periodically based on the cash flows generated by the pool of assets backing the security, less any applicable fees. The rate shown is the rate in effect on March 31, 2020.
- (g) Security purchased on a forward commitment basis. This security is subject to dollar roll transactions.
- (h) Zero coupon bond issued at a discount. The interest rate shown represents the yield to maturity at issue.
- (i) The money market fund and the Fund are affiliated by having the same investment adviser. The rate shown is the 7-day SEC standardized yield as of March 31, 2020.

Open Futures Contracts

Open ratares contracts					
Long Futures Contracts	Number of Contracts	Expiration Month	Notional Value	Value	Unrealized Appreciation (Depreciation)
Interest Rate Risk					
U.S. Treasury 2 Year Notes	11	June-2020	\$ 2,424,211	\$ 34,439	\$ 34,439
U.S. Treasury Long Bonds	16	June-2020	2,865,000	195,465	195,465
U.S. Treasury Ultra Bonds	57	June-2020	12,646,875	1,131,858	1,131,858
Subtotal—Long Futures Contracts				1,361,762	1,361,762
Short Futures Contracts					
Interest Rate Risk					
U.S. Treasury 5 Year Notes	41	June-2020	(5,139,734)	(154,153)	(154,153)
U.S. Treasury 10 Year Notes	17	June-2020	(2,357,688)	(21,817)	(21,817)
Subtotal—Short Futures Contracts				(175,970)	(175,970)
Total Futures Contracts				\$1,185,792	\$1,185,792

The valuation policy and a listing of other significant accounting policies are available in the most recent shareholder report.

See accompanying notes which are an integral part of this schedule.

Invesco Oppenheimer V.I. Total Return Bond Fund

Notes to Quarterly Schedule of Portfolio Holdings

March 31, 2020 (Unaudited) Generally Accepted Accounting Principles ("GAAP") defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under current market conditions. GAAP establishes a hierarchy that prioritizes the inputs to valuation methods, giving the highest priority to readily available unadjusted quoted prices in an active market for identical assets (Level 1) and the lowest priority to significant unobservable inputs (Level 3), generally when market prices are not readily available or are unreliable. Based on the valuation inputs, the securities or other investments are tiered into one of three levels. Changes in valuation methods may result in transfers in or out of an investment's assigned level:

- Level 1 Prices are determined using quoted prices in an active market for identical assets.
- Level 2 Prices are determined using other significant observable inputs. Observable inputs are inputs that other market participants may use in pricing a security. These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk, yield curves, loss severities, default rates, discount rates, volatilities and others.
- Level 3 Prices are determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable (for example, when there is little or no market activity for an investment at the end of the period), unobservable inputs may be used.

 Unobservable inputs reflect the Fund's own assumptions about the factors market participants would use in determining fair value of the securities or instruments and would be based on the best available information.

The following is a summary of the tiered valuation input levels, as of March 31, 2020. The level assigned to the securities valuations may not be an indication of the risk or liquidity associated with investing in those securities. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

	Level 1	Level 2	Level 3	Total
Investments in Securities				
U.S. Dollar Denominated Bonds & Notes	\$ —	\$ 47,967,922	\$—	\$ 47,967,922
Asset-Backed Securities	_	29,918,851	_	29,918,851
U.S. Government Sponsored Agency Mortgage-Backed Securities	_	23,933,082	_	23,933,082
U.S. Treasury Securities	_	10,925,294	_	10,925,294
Agency Credit Risk Transfer Notes	_	3,577,490	_	3,577,490
Municipal Obligations	_	518,020	_	518,020
Non-U.S. Dollar Denominated Bonds & Notes	_	294,805	_	294,805
Money Market Funds	21,072,536	_	_	21,072,536
Total Investments in Securities	21,072,536	117,135,464	_	138,208,000
Other Investments - Assets*				
Futures Contracts	1,361,762	_	_	1,361,762
Other Investments - Liabilities*				
Futures Contracts	(175,970)	_	_	(175,970)
Total Other Investments	1,185,792	_	_	1,185,792
Total Investments	\$22,258,328	\$117,135,464	\$—	\$139,393,792

Unrealized appreciation (depreciation).

NOTE 2—Significant Event

During the first quarter of 2020, the World Health Organization declared the coronavirus (COVID-19) to be a public health emergency. COVID-19 has led to increased short-term market volatility and may have adverse long-term effects on U.S. and world economies and markets in general. COVID-19 may adversely impact the Fund's ability to achieve its investment objective, as stated in the most recent shareholder report. Because of the uncertainties on valuation, the global economy and business operations, values reflected in the Schedule of Investments may materially differ from the value received upon actual sales of those investments.

The Coronavirus Aid, Relief, and Economic Security Act, commonly referred to as the "CARES Act," was signed into law on March 27, 2020 by President Trump. The Adviser is assessing the components of the Act, and the impacts to the Fund should be immaterial.

