

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL

OMB Number:	3235-0006
Estimated average burden	
hours per response:	23.8

Report for the Calendar Year or Quarter Ended: 09-30-2024

Check here if Amendment ☒ Amendment Number: 1

This Amendment (Check only one.): ☐ is a restatement.

☒ adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: BANK OF AMERICA CORP /DE/
Address: BANK OF AMERICA CORPORATE
CENTER
100 N TRYON ST
CHARLOTTE, NC 28255

Form 13F File Number: 028-00158

CRD Number (if applicable):

SEC File Number (if applicable): 001-06523

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Andres Ortiz
Title: Authorized Signatory
Phone: 980-388-3188

Signature, Place, and Date of Signing:

Andres Ortiz Charlotte, NC 03-18-2025
[Signature] [City, State] [Date]

Report Type (Check only one.):

- ☒ 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)
- ☐ 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
- ☐ 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2
Form 13F Information Table Entry Total: 357
Form 13F Information Table Value Total: 40,307,507,108
(round to
nearest dollar)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Form 13F File Number	Name
1	028-10264	BANK OF AMERICA NA
43	028-12631	MANAGED ACCOUNT ADVISORS LLC

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FORM 13F INFORMATION TABLE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8			
			VALUE	SHRS OR	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY			
NAME OF ISSUER	TITLE OF CLASS	CUSIP	(x\$1000)	PRN	AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	121,115	11,204	SH			DFND	43	0	0	11,204
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	7,102	657	SH			DFND	43,01	0	0	657
AAON INC	COM PAR \$0.004	000360206	9,055,864	83,975	SH			DFND	43	0	0	83,975
AAON INC	COM PAR \$0.004	000360206	3,858,300	35,778	SH			DFND	43,01	0	0	35,778
AAR CORP	COM	000361105	6,123,840	93,694	SH			DFND	43	0	0	93,694
AAR CORP	COM	000361105	3,444,080	52,694	SH			DFND	43,01	0	0	52,694
ABBOTT LABS	COM	002824100	769,048,640	6,745,449	SH			DFND	43	0	0	6,745,449
ABBOTT LABS	COM	002824100	156,580,308	1,373,391	SH			DFND	43,01	0	0	1,373,391
ABERCROMBIE & FITCH CO	CL A	002896207	2,564,367	18,330	SH			DFND	43	0	0	18,330
ABERCROMBIE & FITCH CO	CL A	002896207	1,601,715	11,449	SH			DFND	43,01	0	0	11,449
ABM INDS INC	COM	000957100	11,563,620	219,174	SH			DFND	43	0	0	219,174
ABM INDS INC	COM	000957100	6,050,675	114,683	SH			DFND	43,01	0	0	114,683
ABRDN AUSTRALIA EQUITY FD IN	COM	003011103	862	183	SH			DFND	43	0	0	183
ABRDN ETFS	BBRG ALL COMD K1	003261104	9,757,892	477,392	SH			DFND	43	0	0	477,392
ABRDN PALLADIUM ETF TRUST	PHYSICAL PALLADM	003262102	1,122,102	12,242	SH			DFND	43	0	0	12,242
ABRDN PLATINUM ETF TRUST	PHYSCL PLATM SHS	003260106	999,115	11,126	SH			DFND	43	0	0	11,126
ABRDN PRECIOUS METALS BASKET	PHYSCL PRECS MET	003263100	24,397,228	215,352	SH			DFND	43	0	0	215,352
ABRDN SILVER ETF TRUST	PHYSCL SILVR SHS	003264108	6,319,227	212,411	SH			DFND	43	0	0	212,411
ACADIA PHARMACEUTICALS INC	COM	004225108	5,025,323	326,744	SH			DFND	43	0	0	326,744
ACADIA PHARMACEUTICALS INC	COM	004225108	168,057	10,927	SH			DFND	43,01	0	0	10,927
ACADIA RLTY TR	COM SH BEN INT	004239109	77,813	3,314	SH			DFND	43	0	0	3,314
ACCOLADE INC	COM	00437E102	1,552	403	SH			DFND	43	0	0	403
ACCOLADE INC	COM	00437E102	10,691	2,777	SH			DFND	43,01	0	0	2,777
ACI WORLDWIDE INC	COM	004498101	17,693,909	347,621	SH			DFND	43	0	0	347,621
ACI WORLDWIDE INC	COM	004498101	4,566,188	89,709	SH			DFND	43,01	0	0	89,709
ACUSHNET HLDGS CORP	COM	005098108	2,753,108	43,186	SH			DFND	43	0	0	43,186
ADDUS HOMECARE CORP	COM	006739106	6,962,258	52,336	SH			DFND	43	0	0	52,336
ADDUS HOMECARE CORP	COM	006739106	337,763	2,539	SH			DFND	43,01	0	0	2,539
ADMA BIOLOGICS INC	COM	000899104	3,578,850	179,032	SH			DFND	43	0	0	179,032
ADMA BIOLOGICS INC	COM	000899104	1,305,007	65,283	SH			DFND	43,01	0	0	65,283
ADVANCED ENERGY INDS	COM	007973100	52,989,603	503,512	SH			DFND	43	0	0	503,512

ADVANCED ENERGY INDS	COM	007973100	16,932,906	160,898	SH	DFND	43,01	0	0	160,898
ADVANCED MICRO DEVICES INC	COM	007903107	324,132,985	1,975,457	SH	DFND	43	0	0	1,975,457
ADVANCED MICRO DEVICES INC	COM	007903107	51,486,827	313,791	SH	DFND	43,01	0	0	313,791
AEROVIRONMENT INC	COM	008073108	2,995,069	14,938	SH	DFND	43	0	0	14,938
AEROVIRONMENT INC	COM	008073108	672,277	3,353	SH	DFND	43,01	0	0	3,353
AFFILIATED MANAGERS GROUP IN	COM	008252108	22,924,287	128,933	SH	DFND	43	0	0	128,933
AFFILIATED MANAGERS GROUP IN	COM	008252108	6,255,182	35,181	SH	DFND	43,01	0	0	35,181
AFLAC INC	COM	001055102	148,535,132	1,328,579	SH	DFND	43	0	0	1,328,579
AFLAC INC	COM	001055102	73,341	656	SH	DFND	43,01	0	0	656
AGCO CORP	COM	001084102	25,099,818	256,487	SH	DFND	43	0	0	256,487
AGCO CORP	COM	001084102	12,072,597	123,366	SH	DFND	43,01	0	0	123,366
AGNICO EAGLE MINES LTD	COM	008474108	588,667,307	7,307,191	SH	DFND	43	0	0	7,307,191
AGREE RLTY CORP	COM	008492100	19,973,222	265,143	SH	DFND	43	0	0	265,143
AGREE RLTY CORP	COM	008492100	3,739,306	49,639	SH	DFND	43,01	0	0	49,639
AIR PRODS & CHEMS INC	COM	009158106	954,049,771	3,204,305	SH	DFND	43	0	0	3,204,305
AIR PRODS & CHEMS INC	COM	009158106	33,735,431	113,305	SH	DFND	43,01	0	0	113,305
AIRBNB INC	COM CL A	009066101	88,351,063	696,720	SH	DFND	43	0	0	696,720
AIRBNB INC	COM CL A	009066101	5,566,832	43,899	SH	DFND	43,01	0	0	43,899
ALAMO GROUP INC	COM	011311107	12,996,199	72,149	SH	DFND	43	0	0	72,149
ALAMO GROUP INC	COM	011311107	8,945,796	49,663	SH	DFND	43,01	0	0	49,663
ALAMOS GOLD INC NEW	COM CL A	011532108	596,744	29,927	SH	DFND	43	0	0	29,927
ALARM COM HLDGS INC	COM	011642105	5,387,346	98,543	SH	DFND	43	0	0	98,543
ALARM COM HLDGS INC	COM	011642105	4,925,603	90,097	SH	DFND	43,01	0	0	90,097
ALASKA AIR GROUP INC	COM	011659109	3,955,152	87,484	SH	DFND	43	0	0	87,484
ALASKA AIR GROUP INC	COM	011659109	2,234,504	49,425	SH	DFND	43,01	0	0	49,425
ALBANY INTL CORP	CL A	012348108	91,418,831	1,028,912	SH	DFND	43	0	0	1,028,912
ALBANY INTL CORP	CL A	012348108	11,371,378	127,984	SH	DFND	43,01	0	0	127,984
ALBEMARLE CORP	COM	012653101	55,885,151	590,066	SH	DFND	43	0	0	590,066
ALBEMARLE CORP	COM	012653101	2,947,470	31,121	SH	DFND	43,01	0	0	31,121
ALBEMARLE CORP	7.25% DEP SHS A	012653200	3,444,885	76,553	SH	DFND	43	0	0	76,553
ALBERTSONS COS INC	COMMON STOCK	013091103	31,176	1,687	SH	DFND	43	0	0	1,687
ALCOA CORP	COM	013872106	14,786,942	383,280	SH	DFND	43	0	0	383,280
ALCOA CORP	COM	013872106	873,413	22,639	SH	DFND	43,01	0	0	22,639
ALEXANDER & BALDWIN INC NEW	COM	014491104	3,475,546	181,018	SH	DFND	43	0	0	181,018
ALEXANDER & BALDWIN INC NEW	COM	014491104	958,483	49,921	SH	DFND	43,01	0	0	49,921
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	99,923,969	841,465	SH	DFND	43	0	0	841,465
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	7,952,450	66,968	SH	DFND	43,01	0	0	66,968
ALIGN TECHNOLOGY INC	COM	016255101	39,326,519	154,634	SH	DFND	43	0	0	154,634
ALIGN TECHNOLOGY INC	COM	016255101	9,662,634	37,994	SH	DFND	43,01	0	0	37,994
ALLETE INC	COM NEW	018522300	4,753,719	74,057	SH	DFND	43	0	0	74,057
ALLETE INC	COM NEW	018522300	278,841	4,344	SH	DFND	43,01	0	0	4,344
ALLIANT ENERGY CORP	COM	018802108	86,450,417	1,424,459	SH	DFND	43	0	0	1,424,459
ALLIANT ENERGY CORP	COM	018802108	21,643,086	356,617	SH	DFND	43,01	0	0	356,617

ALLSTATE CORP	COM	020002101	795,068,936	4,192,296	SH	DFND	43	0	0	4,192,296
ALLSTATE CORP	COM	020002101	13,738,436	72,441	SH	DFND	43,01	0	0	72,441
ALPHA METALLURGICAL RESOUR I	COM	020764106	353,798	1,498	SH	DFND	43	0	0	1,498
ALPHA METALLURGICAL RESOUR I	COM	020764106	731,449	3,097	SH	DFND	43,01	0	0	3,097
ALTAIR ENGR INC	COM CL A	021369103	3,534,634	37,008	SH	DFND	43	0	0	37,008
ALTAIR ENGR INC	COM CL A	021369103	316,711	3,316	SH	DFND	43,01	0	0	3,316
ALTO INGREDIENTS INC	COM	021513106	130	81	SH	DFND	43,01	0	0	81
AMAZON COM INC	COM	023135106	6,077,276,673	32,615,664	SH	DFND	43	0	0	32,615,664
AMAZON COM INC	COM	023135106	547,493,625	2,938,301	SH	DFND	43,01	0	0	2,938,301
AMEDISYS INC	COM	023436108	327,362	3,392	SH	DFND	43	0	0	3,392
AMENTUM HOLDINGS INC	COM	023939101	27,242,317	844,723	SH	DFND	43	0	0	844,723
AMENTUM HOLDINGS INC	COM	023939101	3,576,912	110,912	SH	DFND	43,01	0	0	110,912
AMER STATES WTR CO	COM	029899101	6,047,104	72,603	SH	DFND	43	0	0	72,603
AMER STATES WTR CO	COM	029899101	43,644	524	SH	DFND	43,01	0	0	524
AMEREN CORP	COM	023608102	35,020,208	400,414	SH	DFND	43	0	0	400,414
AMEREN CORP	COM	023608102	22,609,285	258,510	SH	DFND	43,01	0	0	258,510
AMERESCO INC	CL A	02361E108	4,348,341	114,611	SH	DFND	43	0	0	114,611
AMERESCO INC	CL A	02361E108	1,295,537	34,147	SH	DFND	43,01	0	0	34,147
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	679,497	109,951	SH	DFND	43	0	0	109,951
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	770,009	124,597	SH	DFND	43,01	0	0	124,597
AMERICAN CENTY ETF TR	US QUALITY VAL	025072208	654,889	10,543	SH	DFND	43	0	0	10,543
AMERICAN CENTY ETF TR	US QUALITY GROW	025072307	5,832,211	64,048	SH	DFND	43	0	0	64,048
AMERICAN CENTY ETF TR	US LARGE CAP VLU	025072349	11,528,347	175,123	SH	DFND	43	0	0	175,123
AMERICAN CENTY ETF TR	QUALITY DIVRSFED	025072406	740,046	14,317	SH	DFND	43	0	0	14,317
AMERICAN CENTY ETF TR	AVANTIS EMGMKT	025072604	9,255,500	143,274	SH	DFND	43	0	0	143,274
AMERICAN CENTY ETF TR	INTL EQT ETF	025072703	5,421,185	80,877	SH	DFND	43	0	0	80,877
AMERICAN CENTY ETF TR	FOCUSED LRG CAP	025072794	634,345	9,067	SH	DFND	43	0	0	9,067
AMERICAN CENTY ETF TR	INTL SMCP VLU	025072802	2,156,212	30,511	SH	DFND	43	0	0	30,511
AMERICAN CENTY ETF TR	US SML CP VALU	025072877	50,319,538	524,435	SH	DFND	43	0	0	524,435
AMERICAN CENTY ETF TR	US EQT ETF	025072885	19,429,725	204,201	SH	DFND	43	0	0	204,201
AMERICAN CENTY ETF TR	SUSTAINABLE EQT	025072752	65,449	931	SH	DFND	43	0	0	931
AMERICAN CENTY ETF TR	FOCUSED DYNAMIC	025072810	805,592	8,695	SH	DFND	43	0	0	8,695
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	6,985,501	311,992	SH	DFND	43	0	0	311,992
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	586,103	26,177	SH	DFND	43,01	0	0	26,177
AMERICAN ELEC PWR CO INC	COM	025537101	126,861,206	1,236,464	SH	DFND	43	0	0	1,236,464
AMERICAN ELEC PWR CO INC	COM	025537101	57,815,305	563,502	SH	DFND	43,01	0	0	563,502
AMERICAN EXPRESS CO	COM	025816109	1,391,547,269	5,131,074	SH	DFND	43	0	0	5,131,074
AMERICAN EXPRESS CO	COM	025816109	57,356,359	211,491	SH	DFND	43,01	0	0	211,491
AMERICAN FINL GROUP INC OHIO	COM	025932104	9,679,490	71,913	SH	DFND	43	0	0	71,913

AMERICAN FINL GROUP INC OHIO	COM	025932104	1,641,985	12,199	SH	DFND	43,01	0	0	12,199
AMERICAN INTL GROUP INC	COM NEW	026874784	219,804,825	3,001,568	SH	DFND	43	0	0	3,001,568
AMERICAN INTL GROUP INC	COM NEW	026874784	5,029,803	68,685	SH	DFND	43,01	0	0	68,685
AMERICAN SUPERCONDUCTOR CORP	SHS NEW	030111207	23,293	987	SH	DFND	43	0	0	987
AMERICAN WTR WKS CO INC NEW	COM	030420103	136,474,239	933,221	SH	DFND	43	0	0	933,221
AMERICAN WTR WKS CO INC NEW	COM	030420103	21,853,082	149,433	SH	DFND	43,01	0	0	149,433
AMETEK INC	COM	031100100	183,448,439	1,068,362	SH	DFND	43	0	0	1,068,362
AMETEK INC	COM	031100100	24,939,847	145,244	SH	DFND	43,01	0	0	145,244
AMGEN INC	COM	031162100	268,882,634	834,495	SH	DFND	43	0	0	834,495
AMGEN INC	COM	031162100	22,987,750	71,344	SH	DFND	43,01	0	0	71,344
AMKOR TECHNOLOGY INC	COM	031652100	1,596,769	52,182	SH	DFND	43	0	0	52,182
AMKOR TECHNOLOGY INC	COM	031652100	1,097,132	35,854	SH	DFND	43,01	0	0	35,854
AMN HEALTHCARE SVCS INC	COM	001744101	7,245,299	170,920	SH	DFND	43	0	0	170,920
AMN HEALTHCARE SVCS INC	COM	001744101	5,374,882	126,796	SH	DFND	43,01	0	0	126,796
AMPHENOL CORP NEW	CL A	032095101	1,128,534,710	17,319,440	SH	DFND	43	0	0	17,319,440
AMPHENOL CORP NEW	CL A	032095101	6,694,604	102,741	SH	DFND	43,01	0	0	102,741
AMPLIFY ETF TR	CWP ENHANCED DIV	032108409	1,293,448	31,402	SH	DFND	43	0	0	31,402
AMPLIFY ETF TR	AMPLIFY JUNIOR S	032108649	5,801	450	SH	DFND	43	0	0	450
AMPLIFY ETF TR	AMPLIFY CYBERSEC	032108664	116,417	1,705	SH	DFND	43	0	0	1,705
ANALOG DEVICES INC	COM	032654105	667,932,164	2,901,908	SH	DFND	43	0	0	2,901,908
ANALOG DEVICES INC	COM	032654105	160,757,633	698,430	SH	DFND	43,01	0	0	698,430
ANNALY CAPITAL MANAGEMENT IN	COM NEW	035710839	1,026,300	51,136	SH	DFND	43	0	0	51,136
ANNALY CAPITAL MANAGEMENT IN	COM NEW	035710839	7,517,580	374,568	SH	DFND	43,01	0	0	374,568
APPLE INC	COM	037833100	9,365,540,083	40,195,451	SH	DFND	43	0	0	40,195,451
APPLE INC	COM	037833100	758,676,426	3,256,122	SH	DFND	43,01	0	0	3,256,122
APPLIED MATLS INC	COM	038222105	499,815,126	2,473,720	SH	DFND	43	0	0	2,473,720
APPLIED MATLS INC	COM	038222105	59,265,710	293,322	SH	DFND	43,01	0	0	293,322
APTARGROUP INC	COM	038336103	55,861,777	348,722	SH	DFND	43	0	0	348,722
APTARGROUP INC	COM	038336103	6,888,651	43,003	SH	DFND	43,01	0	0	43,003
ARCHER DANIELS MIDLAND CO	COM	039483102	6,158,119	103,082	SH	DFND	43	0	0	103,082
ARCHER DANIELS MIDLAND CO	COM	039483102	3,196,508	53,507	SH	DFND	43,01	0	0	53,507
ARCOSA INC	COM	039653100	16,238,926	171,369	SH	DFND	43	0	0	171,369
ARCOSA INC	COM	039653100	2,272,819	23,985	SH	DFND	43,01	0	0	23,985
ARDELYX INC	COM	039697107	4,900,533	711,253	SH	DFND	43	0	0	711,253
ARDELYX INC	COM	039697107	1,401,185	203,365	SH	DFND	43,01	0	0	203,365
ARISTA NETWORKS INC	COM	040413106	191,862,023	499,875	SH	DFND	43	0	0	499,875
ARISTA NETWORKS INC	COM	040413106	19,580,961	51,016	SH	DFND	43,01	0	0	51,016
ARM HOLDINGS PLC	SPONSORED ADS	042068205	22,243,775	155,540	SH	DFND	43	0	0	155,540
ARM HOLDINGS PLC	SPONSORED ADS	042068205	1,803,499	12,611	SH	DFND	43,01	0	0	12,611
ARROW ELECTRS INC	COM	042735100	101,843,285	766,719	SH	DFND	43	0	0	766,719
ARROW ELECTRS INC	COM	042735100	6,780,839	51,049	SH	DFND	43,01	0	0	51,049

ASBURY AUTOMOTIVE GROUP INC	COM	043436104	4,975,079	20,852	SH	DFND	43	0	0	20,852
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	2,109,851	8,843	SH	DFND	43,01	0	0	8,843
ASHLAND INC	COM	044186104	12,613,868	145,037	SH	DFND	43	0	0	145,037
ASHLAND INC	COM	044186104	2,749,730	31,617	SH	DFND	43,01	0	0	31,617
ASSOCIATED BANC CORP	COM	045487105	6,838,282	317,469	SH	DFND	43	0	0	317,469
ASSOCIATED BANC CORP	COM	045487105	4,676,614	217,113	SH	DFND	43,01	0	0	217,113
ASTRAZENECA PLC	SPONSORED ADR	046353108	1,318,076,394	16,917,936	SH	DFND	43	0	0	16,917,936
ASTRAZENECA PLC	SPONSORED ADR	046353108	50,492,458	648,087	SH	DFND	43,01	0	0	648,087
ATKORE INC	COM	047649108	5,254,727	62,010	SH	DFND	43	0	0	62,010
ATKORE INC	COM	047649108	7,784,471	91,863	SH	DFND	43,01	0	0	91,863
ATLASSIAN CORPORATION	CL A	049468101	17,787	112	SH	DFND	43	0	0	112
ATMOS ENERGY CORP	COM	049560105	131,690,580	949,395	SH	DFND	43	0	0	949,395
ATMOS ENERGY CORP	COM	049560105	10,702,309	77,156	SH	DFND	43,01	0	0	77,156
AURORA INNOVATION INC	CLASS A COM	051774107	12,483,504	2,108,700	SH	DFND	43	0	0	2,108,700
AURORA INNOVATION INC	CLASS A COM	051774107	10,372	1,752	SH	DFND	43,01	0	0	1,752
AUTODESK INC	COM	052769106	511,429,997	1,856,505	SH	DFND	43	0	0	1,856,505
AUTODESK INC	COM	052769106	102,563,132	372,307	SH	DFND	43,01	0	0	372,307
AUTOLIV INC	COM	052800109	23,805,055	254,954	SH	DFND	43	0	0	254,954
AUTOLIV INC	COM	052800109	226,796	2,429	SH	DFND	43,01	0	0	2,429
AUTOMATIC DATA PROCESSING IN	COM	053015103	452,002,757	1,633,371	SH	DFND	43	0	0	1,633,371
AUTOMATIC DATA PROCESSING IN	COM	053015103	68,849,040	248,795	SH	DFND	43,01	0	0	248,795
AUTOZONE INC	COM	053332102	177,432,303	56,327	SH	DFND	43	0	0	56,327
AUTOZONE INC	COM	053332102	23,181,144	7,359	SH	DFND	43,01	0	0	7,359
AVALONBAY CMNTYS INC	COM	053484101	80,977,150	359,499	SH	DFND	43	0	0	359,499
AVALONBAY CMNTYS INC	COM	053484101	17,717,489	78,657	SH	DFND	43,01	0	0	78,657
AVEPOINT INC	COM CL A	053604104	10,981	933	SH	DFND	43	0	0	933
AVERY DENNISON CORP	COM	053611109	60,327,306	273,271	SH	DFND	43	0	0	273,271
AVERY DENNISON CORP	COM	053611109	29,735,930	134,698	SH	DFND	43,01	0	0	134,698
AVNET INC	COM	053807103	25,158,890	463,246	SH	DFND	43	0	0	463,246
AVNET INC	COM	053807103	10,737,141	197,701	SH	DFND	43,01	0	0	197,701
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	1,258,410	12,002	SH	DFND	43	0	0	12,002
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	119,529	1,140	SH	DFND	43,01	0	0	1,140
AZZ INC	COM	002474104	9,298,003	112,553	SH	DFND	43	0	0	112,553
AZZ INC	COM	002474104	8,370,210	101,322	SH	DFND	43,01	0	0	101,322
BADGER METER INC	COM	056525108	3,730,443	17,080	SH	DFND	43	0	0	17,080
BADGER METER INC	COM	056525108	445,556	2,040	SH	DFND	43,01	0	0	2,040
BAIDU INC	SPON ADR REP A	056752108	5,627,645	53,449	SH	DFND	43	0	0	53,449
BAIDU INC	SPON ADR REP A	056752108	306,499	2,911	SH	DFND	43,01	0	0	2,911
BALCHEM CORP	COM	057665200	8,514,176	48,376	SH	DFND	43	0	0	48,376
BALCHEM CORP	COM	057665200	7,193,824	40,874	SH	DFND	43,01	0	0	40,874
BALL CORP	COM	058498106	106,289,337	1,565,150	SH	DFND	43	0	0	1,565,150
BALL CORP	COM	058498106	12,009,612	176,846	SH	DFND	43,01	0	0	176,846
BANCO BRADESCO S A	SP ADR PFD NEW	059460303	3,232,467	1,215,213	SH	DFND	43	0	0	1,215,213
BANCO BRADESCO S A	SP ADR PFD NEW	059460303	579,529	217,868	SH	DFND	43,01	0	0	217,868

BANK AMERICA CORP	COM	060505104	40	1	SH	DFND	43	0	0	1
BANK HAWAII CORP	COM	062540109	4,097,375	65,276	SH	DFND	43	0	0	65,276
BANK HAWAII CORP	COM	062540109	45,697	728	SH	DFND	43,01	0	0	728
BANK MONTREAL QUE	COM	063671101	166,599	1,847	SH	DFND	43	0	0	1,847
BANK NEW YORK MELLON CORP	COM	064058100	104,799,474	1,458,384	SH	DFND	43	0	0	1,458,384
BANK NEW YORK MELLON CORP	COM	064058100	39,411,976	548,455	SH	DFND	43,01	0	0	548,455
BARCLAYS PLC	ADR	06738E204	17,492,234	1,439,690	SH	DFND	43	0	0	1,439,690
BARCLAYS PLC	ADR	06738E204	8,530,454	702,095	SH	DFND	43,01	0	0	702,095
BARNES GROUP INC	COM	067806109	39,683	982	SH	DFND	43	0	0	982
BARNES GROUP INC	COM	067806109	2,950	73	SH	DFND	43,01	0	0	73
BARRETT BUSINESS SVCS INC	COM	068463108	166,882	4,449	SH	DFND	43	0	0	4,449
BARRICK GOLD CORP	COM	067901108	65,712,264	3,303,784	SH	DFND	43	0	0	3,303,784
BARRICK GOLD CORP	COM	067901108	3,186,338	160,198	SH	DFND	43,01	0	0	160,198
BATH & BODY WORKS INC	COM	070830104	18,388,889	576,093	SH	DFND	43	0	0	576,093
BATH & BODY WORKS INC	COM	070830104	7,002,450	219,375	SH	DFND	43,01	0	0	219,375
BAXTER INTL INC	COM	071813109	54,206,807	1,427,622	SH	DFND	43	0	0	1,427,622
BAXTER INTL INC	COM	071813109	7,593,506	199,987	SH	DFND	43,01	0	0	199,987
BEACON ROOFING SUPPLY INC	COM	073685109	20,384,343	235,848	SH	DFND	43	0	0	235,848
BEACON ROOFING SUPPLY INC	COM	073685109	6,723,995	77,797	SH	DFND	43,01	0	0	77,797
BECTON DICKINSON & CO	COM	075887109	299,692,604	1,243,022	SH	DFND	43	0	0	1,243,022
BECTON DICKINSON & CO	COM	075887109	78,313,379	324,817	SH	DFND	43,01	0	0	324,817
BELDEN INC	COM	077454106	7,870,433	67,194	SH	DFND	43	0	0	67,194
BELDEN INC	COM	077454106	11,906,499	101,652	SH	DFND	43,01	0	0	101,652
BERKLEY W R CORP	COM	084423102	78,326,374	1,380,687	SH	DFND	43	0	0	1,380,687
BERKLEY W R CORP	COM	084423102	24,098,791	424,798	SH	DFND	43,01	0	0	424,798
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	862,456,360	1,873,846	SH	DFND	43	0	0	1,873,846
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	125,104,651	271,813	SH	DFND	43,01	0	0	271,813
BERKSHIRE HILLS BANCORP INC	COM	084680107	334,551	12,423	SH	DFND	43	0	0	12,423
BERKSHIRE HILLS BANCORP INC	COM	084680107	670,799	24,909	SH	DFND	43,01	0	0	24,909
BEST BUY INC	COM	086516101	51,921,472	502,628	SH	DFND	43	0	0	502,628
BEST BUY INC	COM	086516101	7,879,724	76,280	SH	DFND	43,01	0	0	76,280
BGC GROUP INC	CL A	088929104	6,775,960	738,122	SH	DFND	43	0	0	738,122
BGC GROUP INC	CL A	088929104	768,917	83,760	SH	DFND	43,01	0	0	83,760
BHP GROUP LTD	SPONSORED ADS	088606108	18,045,874	290,547	SH	DFND	43	0	0	290,547
BHP GROUP LTD	SPONSORED ADS	088606108	3,000,348	48,307	SH	DFND	43,01	0	0	48,307
BICARA THERAPEUTICS INC	COM	055477103	107,229	4,210	SH	DFND	43	0	0	4,210
BICARA THERAPEUTICS INC	COM	055477103	5,884	231	SH	DFND	43,01	0	0	231
BILL HOLDINGS INC	COM	090043100	9,183,247	174,057	SH	DFND	43	0	0	174,057
BILL HOLDINGS INC	COM	090043100	1,001,807	18,988	SH	DFND	43,01	0	0	18,988
BIO RAD LABS INC	CL A	090572207	131,322,315	392,499	SH	DFND	43	0	0	392,499
BIO RAD LABS INC	CL A	090572207	8,869,716	26,510	SH	DFND	43,01	0	0	26,510
BLACK HILLS CORP	COM	092113109	16,637,597	272,212	SH	DFND	43	0	0	272,212
BLACK HILLS CORP	COM	092113109	9,451,841	154,644	SH	DFND	43,01	0	0	154,644

BLACKROCK ETF TRUST II	FLEXIBLE INCOME	092528603	101,128,662	1,889,196	SH	DFND	43	0	0	1,889,196
BLACKROCK HEALTH SCIENCES TE	COM SHS	09260E105	16	1	SH	DFND	43	0	0	1
BLOCK H & R INC	COM	093671105	8,326,957	131,030	SH	DFND	43	0	0	131,030
BLOCK H & R INC	COM	093671105	11,223,947	176,616	SH	DFND	43,01	0	0	176,616
BLOOM ENERGY CORP	COM CL A	093712107	3,313,485	313,777	SH	DFND	43	0	0	313,777
BLOOM ENERGY CORP	COM CL A	093712107	993,062	94,040	SH	DFND	43,01	0	0	94,040
BLOOMIN BRANDS INC	COM	094235108	479,122	28,985	SH	DFND	43	0	0	28,985
BLOOMIN BRANDS INC	COM	094235108	41,127	2,488	SH	DFND	43,01	0	0	2,488
BLUE BIRD CORP	COM	095306106	6,652,436	138,708	SH	DFND	43	0	0	138,708
BLUE BIRD CORP	COM	095306106	318,023	6,631	SH	DFND	43,01	0	0	6,631
BOEING CO	COM	097023105	681,072,911	4,479,564	SH	DFND	43	0	0	4,479,564
BOEING CO	COM	097023105	108,542,724	713,909	SH	DFND	43,01	0	0	713,909
BOOT BARN HLDGS INC	COM	099406100	5,845,098	34,942	SH	DFND	43	0	0	34,942
BOOT BARN HLDGS INC	COM	099406100	8,321,009	49,743	SH	DFND	43,01	0	0	49,743
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	90,177,341	554,051	SH	DFND	43	0	0	554,051
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	21,324,490	131,018	SH	DFND	43,01	0	0	131,018
BORGWARNER INC	COM	099724106	83,640,285	2,304,775	SH	DFND	43	0	0	2,304,775
BORGWARNER INC	COM	099724106	10,389,791	286,299	SH	DFND	43,01	0	0	286,299
BP PLC	SPONSORED ADR	055622104	133,616,714	4,256,665	SH	DFND	43	0	0	4,256,665
BP PLC	SPONSORED ADR	055622104	4,783,145	152,378	SH	DFND	43,01	0	0	152,378
BROADSTONE NET LEASE INC	COM	11135E203	4,942,236	260,804	SH	DFND	43	0	0	260,804
BROADSTONE NET LEASE INC	COM	11135E203	2,368,428	124,983	SH	DFND	43,01	0	0	124,983
CARS COM INC	COM	14575E105	2,217,180	132,290	SH	DFND	43	0	0	132,290
CARS COM INC	COM	14575E105	346,966	20,702	SH	DFND	43,01	0	0	20,702
CENCORA INC	COM	03073E105	536,616,154	2,384,113	SH	DFND	43	0	0	2,384,113
CENCORA INC	COM	03073E105	26,359,794	117,113	SH	DFND	43,01	0	0	117,113
CNO FINL GROUP INC	COM	12621E103	12,979,699	369,792	SH	DFND	43	0	0	369,792
CNO FINL GROUP INC	COM	12621E103	8,812,662	251,073	SH	DFND	43,01	0	0	251,073
DEFINITIVE HEALTHCARE CORP	CLASS A COM	24477E103	93,535	20,925	SH	DFND	43	0	0	20,925
DEFINITIVE HEALTHCARE CORP	CLASS A COM	24477E103	39,542	8,846	SH	DFND	43,01	0	0	8,846
EDWARDS LIFESCIENCES CORP	COM	28176E108	27,270,631	413,254	SH	DFND	43	0	0	413,254
EDWARDS LIFESCIENCES CORP	COM	28176E108	6,633,975	100,530	SH	DFND	43,01	0	0	100,530
ELEVANCE HEALTH INC	COM	036752103	475,870,200	915,135	SH	DFND	43	0	0	915,135
ELEVANCE HEALTH INC	COM	036752103	69,155,320	132,991	SH	DFND	43,01	0	0	132,991
ENACT HLDGS INC	COM	29249E109	28,483	784	SH	DFND	43	0	0	784
EQUITABLE HLDGS INC	COM	29452E101	642,849	15,295	SH	DFND	43	0	0	15,295
EQUITABLE HLDGS INC	COM	29452E101	108,353	2,578	SH	DFND	43,01	0	0	2,578
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	21,450,059	628,113	SH	DFND	43	0	0	628,113
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	2,545,883	74,550	SH	DFND	43,01	0	0	74,550
FIRST TR EXCH TRADED FD III	PFD SECS INC ETF	33739E108	48,871,647	2,700,091	SH	DFND	43	0	0	2,700,091

FIRST TR EXCHANGE-TRADED FD	CAP STRENGTH ETF	33733E104	58,711,371	646,601	SH	DFND	43	0	0	646,601
FIRST TR EXCHANGE-TRADED FD	NY ARCA BIOTECH	33733E203	4,638,499	26,979	SH	DFND	43	0	0	26,979
FIRST TR EXCHANGE-TRADED FD	DJ INTERNT IDX	33733E302	27,683,004	130,685	SH	DFND	43	0	0	130,685
FIRSTSERVICE CORP NEW	COM	33767E202	14,570,891	79,858	SH	DFND	43	0	0	79,858
FIRSTSERVICE CORP NEW	COM	33767E202	550,117	3,015	SH	DFND	43,01	0	0	3,015
FORTINET INC	COM	34959E109	21,906,169	282,478	SH	DFND	43	0	0	282,478
FORTINET INC	COM	34959E109	1,996,913	25,750	SH	DFND	43,01	0	0	25,750
GLOBAL X FDS	MSCI NORWAY ETF	37950E101	174,307	6,760	SH	DFND	43	0	0	6,760
GLOBAL X FDS	GB MSCI AR ETF	37950E259	136,910	2,065	SH	DFND	43	0	0	2,065
GLOBAL X FDS	GLOBX SUPDV US	37950E291	5,650,791	302,343	SH	DFND	43	0	0	302,343
GLOBE LIFE INC	COM	37959E102	19,864,374	187,559	SH	DFND	43	0	0	187,559
GLOBE LIFE INC	COM	37959E102	4,754,406	44,891	SH	DFND	43,01	0	0	44,891
GRUPO AEROPORTUARIO DEL SURE	SPON ADR SER B	40051E202	955,163	3,378	SH	DFND	43	0	0	3,378
HCI GROUP INC	COM	40416E103	275,144	2,570	SH	DFND	43	0	0	2,570
IMAX CORP	COM	45245E109	5,721,716	278,972	SH	DFND	43	0	0	278,972
IMAX CORP	COM	45245E109	1,687,870	82,295	SH	DFND	43,01	0	0	82,295
INVESCO EXCH TRADED FD TR II	EQUAL WEGT 0-30	46138E107	1,347,916	46,352	SH	DFND	43	0	0	46,352
INVESCO EXCH TRADED FD TR II	S&P SMLCP INFO	46138E115	9,105,617	190,148	SH	DFND	43	0	0	190,148
INVESCO EXCH TRADED FD TR II	S&P SMLCP INDL	46138E123	1,018,181	7,696	SH	DFND	43	0	0	7,696
INVESCO EXCH TRADED FD TR II	S&P SMLCAP HIG	46138E131	76,988	4,996	SH	DFND	43	0	0	4,996
INVESCO EXCH TRADED FD TR II	S&P SMLCP HELT	46138E149	224,661	4,867	SH	DFND	43	0	0	4,867
INVESCO EXCH TRADED FD TR II	S&P SMLCP FINL	46138E156	89,905	1,624	SH	DFND	43	0	0	1,624
INVESCO EXCH TRADED FD TR II	S&P SMLCP STAP	46138E172	162,880	4,317	SH	DFND	43	0	0	4,317
INVESCO EXCH TRADED FD TR II	S&P MIDCP LOW	46138E198	1,876,186	30,737	SH	DFND	43	0	0	30,737
INVESCO EXCH TRADED FD TR II	CALIF AMT MUN	46138E206	5,819,287	232,029	SH	DFND	43	0	0	232,029
INVESCO EXCH TRADED FD TR II	S&P INTL QULTY	46138E214	150,193	4,729	SH	DFND	43	0	0	4,729
INVESCO EXCH TRADED FD TR II	S&P INTL LOW	46138E230	2,057,670	67,642	SH	DFND	43	0	0	67,642
INVESCO EXCH TRADED FD TR II	S&P GBL WATER	46138E263	5,910,757	96,581	SH	DFND	43	0	0	96,581
INVESCO EXCH TRADED FD TR II	S&P EMRNG MKTS	46138E297	7,338,360	281,271	SH	DFND	43	0	0	281,271
INVESCO QQQ TR	UNIT SER 1	46090E103	912,876,855	1,870,381	SH	DFND	43	0	0	1,870,381
ISHARES TR	IBONDS 2030 TERM	46436E122	159,763	5,946	SH	DFND	43	0	0	5,946
ISHARES TR	IBONDS DEC 2033	46436E130	15,042,192	569,780	SH	DFND	43	0	0	569,780
ISHARES TR	IBONDS DEC 2033	46436E148	199,792	7,957	SH	DFND	43	0	0	7,957
ISHARES TR	IBONDS DEC 2029	46436E163	857,942	33,658	SH	DFND	43	0	0	33,658
ISHARES TR	IBONDS DEC 29	46436E205	25,578,081	1,087,966	SH	DFND	43	0	0	1,087,966
ISHARES TR	INVT GRD CORP BD	46436E288	2,006,176	70,640	SH	DFND	43	0	0	70,640
ISHARES TR	IBONDS DEC 2032	46436E296	2,012,424	85,708	SH	DFND	43	0	0	85,708
NCR VOYIX CORPORATION	COM	62886E108	2,784,768	205,215	SH	DFND	43	0	0	205,215

NCR VOYIX CORPORATION	COM	62886E108	3,234,491	238,356	SH	DFND	43,01	0	0	238,356
NEXTRACKER INC	CLASS A COM	65290E101	5,637,292	150,408	SH	DFND	43	0	0	150,408
NEXTRACKER INC	CLASS A COM	65290E101	3,439,690	91,774	SH	DFND	43,01	0	0	91,774
PENNANT GROUP INC	COM	70805E109	609,506	17,073	SH	DFND	43	0	0	17,073
PENNANT GROUP INC	COM	70805E109	1,415,612	39,653	SH	DFND	43,01	0	0	39,653
PROGYNY INC	COM	74340E103	4,663,420	278,247	SH	DFND	43	0	0	278,247
PROGYNY INC	COM	74340E103	1,398,304	83,431	SH	DFND	43,01	0	0	83,431
PROTAGONIST THERAPEUTICS INC	COM	74366E102	1,437,525	31,945	SH	DFND	43	0	0	31,945
PROTAGONIST THERAPEUTICS INC	COM	74366E102	120,150	2,670	SH	DFND	43,01	0	0	2,670
QUANTA SVCS INC	COM	74762E102	93,738,956	314,402	SH	DFND	43	0	0	314,402
QUANTA SVCS INC	COM	74762E102	83,495,715	280,046	SH	DFND	43,01	0	0	280,046
RENASANT CORP	COM	75970E107	8,371,545	257,586	SH	DFND	43	0	0	257,586
RENASANT CORP	COM	75970E107	7,636,330	234,964	SH	DFND	43,01	0	0	234,964
RTX CORPORATION	COM	75513E101	1,499,931,116	12,379,755	SH	DFND	43	0	0	12,379,755
RTX CORPORATION	COM	75513E101	129,154,016	1,065,979	SH	DFND	43,01	0	0	1,065,979
SALLY BEAUTY HLDGS INC	COM	79546E104	1,388,157	102,296	SH	DFND	43	0	0	102,296
SALLY BEAUTY HLDGS INC	COM	79546E104	190,075	14,007	SH	DFND	43,01	0	0	14,007
SPDR INDEX SHS FDS	MSCI EAFE FS ETF	78470E106	4,201,183	96,049	SH	DFND	43	0	0	96,049
SPDR INDEX SHS FDS	MSCI EMR MKT ETF	78470E205	739,364	20,960	SH	DFND	43	0	0	20,960
SPX TECHNOLOGIES INC	COM	78473E103	5,489,251	34,424	SH	DFND	43	0	0	34,424
SPX TECHNOLOGIES INC	COM	78473E103	5,016,452	31,459	SH	DFND	43,01	0	0	31,459
STRUCTURE THERAPEUTICS INC	SPONSORED ADS	86366E106	517,990	11,802	SH	DFND	43	0	0	11,802
STRUCTURE THERAPEUTICS INC	SPONSORED ADS	86366E106	16,810	383	SH	DFND	43,01	0	0	383
TARGET CORP	COM	87612E106	944,113,222	6,057,444	SH	DFND	43	0	0	6,057,444
TARGET CORP	COM	87612E106	96,767,551	620,862	SH	DFND	43,01	0	0	620,862
TOTALENERGIES SE	SPONSORED ADS	89151E109	290,638,401	4,497,654	SH	DFND	43	0	0	4,497,654
TOTALENERGIES SE	SPONSORED ADS	89151E109	17,159,712	265,548	SH	DFND	43,01	0	0	265,548
TRAVELERS COMPANIES INC	COM	89417E109	571,421,132	2,440,719	SH	DFND	43	0	0	2,440,719
TRAVELERS COMPANIES INC	COM	89417E109	31,620,950	135,063	SH	DFND	43,01	0	0	135,063
TRIUMPH FINANCIAL INC	COM	89679E300	23,622,823	296,993	SH	DFND	43	0	0	296,993
TRIUMPH FINANCIAL INC	COM	89679E300	4,626,842	58,170	SH	DFND	43,01	0	0	58,170
U HAUL HOLDING COMPANY	COM SER N	023586506	800,280	11,115	SH	DFND	43	0	0	11,115
U HAUL HOLDING COMPANY	COM SER N	023586506	2,746,296	38,143	SH	DFND	43,01	0	0	38,143
VALE S A	SPONSORED ADS	91912E105	4,214,016	360,789	SH	DFND	43	0	0	360,789
VALE S A	SPONSORED ADS	91912E105	37,423	3,204	SH	DFND	43,01	0	0	3,204
VERISIGN INC	COM	92343E102	34,970,686	184,095	SH	DFND	43	0	0	184,095
VERISIGN INC	COM	92343E102	8,129,148	42,794	SH	DFND	43,01	0	0	42,794
WORLD GOLD TR	SPDR GLD MINIS	98149E303	83,639,249	1,604,436	SH	DFND	43	0	0	1,604,436