UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL

OMB Number:	3235-0006
Expires:	Oct 31, 2018
Estimated average burden hours per response:	23.8

Report for the Calendar Year or Quarter Ended: 03-31-2019

Check here if Amendment [X] Amendment Number: 1

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

[X] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: PRUDENTIAL FINANCIAL INC

Address: 751 BROAD ST

NEWARK, NJ 07102

Form 13F File Number: 028-10077

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: Richard Baker

Title: Second Vice President

Phone: 973-802-6691

Signature, Place, and Date of Signing:

/s/ Richard Baker	Newark, NJ	08-05-2021
[Signature]	[City, State]	[Date]

This amended filing reflects a revised listing of 13F securities which takes into account 13F securities for Pruco Securities, LLC. The inclusion of Pruco Securities, LLCs 13F securities increased the reporting threshold for certain 13F securities held by QMA LLC, which previously reported an accurate list of reportable 13F securities.

Report Type (Check only one.):

[X] 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:	1,115
Form 13F Information Table Value Total:	235,632
	(thousands)

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
14	028-11173	QMA LLC
28	028-21192	PRUCO SECURITIES, LLC.

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

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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
ADT INC	COM	00090Q103	2	377	SH		DFND	28	0	377	0
AFLAC INC	COM	001055102	24	488	SH		DFND	28	0	488	0
AGNC INVT CORP	COM	00123Q104	9	495	SH		DFND	28	0	495	0
AES CORP	COM	00130H105	204	11,295	SH		DFND	28	0	11,295	0
ALPS ETF TR	ALERIAN MLP	00162Q866	181	18,055	SH		DFND	28	0	18,055	0
AMN HEALTHCARE SERVICES INC	COM	001744101	44	941	SH		DFND	28	0	941	0
ASGN INC	COM	00191U102	18	277	SH		DFND	28	0	277	0
AT&T INC	COM	00206R102	295	9,422	SH		DFND	28	0	9,422	0
ABBOTT LABS	COM	002824100	351	4,395	SH		DFND	28	0	4,395	0
ABBVIE INC	COM	00287Y109	420	5,207	SH		DFND	28	0	5,207	0
ABIOMED INC	COM	003654100	31	107	SH		DFND	28	0	107	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	54	1,832	SH		DFND	28	0	1,832	0
ACCELERON PHARMA INC	COM	00434H108	6	123	SH		DFND	28	0	123	0
ACTIVISION BLIZZARD INC	COM	00507V109	73	1,602	SH		DFND	28	0	1,602	0
ACUITY BRANDS INC	COM	00508Y102	37	310	SH		DFND	28	0	310	0
ADOBE INC	COM	00724F101	881	3,306	SH		DFND	28	0	3,306	0
ADVANCE AUTO PARTS INC	COM	00751Y106	48	283	SH		DFND	28	0	283	0
ADVANSIX INC	COM	00773T101	0	3	SH		DFND	28	0	3	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	10	289	SH		DFND	28	0	289	0
ADVANCED MICRO DEVICES INC	COM	007903107	3	115	SH		DFND	28	0	115	0
ADVANCED ENERGY INDS	COM	007973100	35	711	SH		DFND	28	0	711	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	3	24	SH		DFND	28	0	24	0
AGILENT TECHNOLOGIES INC	COM	00846U101	367	4,567	SH		DFND	28	0	4,567	0
AGREE REALTY CORP	COM	008492100	16	237	SH		DFND	28	0	237	0
AIR LEASE CORP	CL A	00912X302	55	1,604	SH		DFND	28	0	1,604	0
AIR PRODS & CHEMS INC	COM	009158106	8	44	SH		DFND	28	0	44	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	561	7,823	SH		DFND	28	0	7,823	0
ALARM COM HLDGS INC	COM	011642105	12	189	SH		DFND	28	0	189	0
ALASKA AIR GROUP INC	COM	011659109	6	114	SH		DFND	28	0	114	0
ALBANY INTL CORP	CL A	012348108	5	74	SH		DFND	28	0	74	0
ALBEMARLE CORP	COM	012653101	74	899	SH		DFND	28	0	899	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	95	664	SH		DFND	28	0	664	0

ALEXION PHARMACEUTICALS INC	COM	015351109	286	2,118	SH	DFND	28	0	2,118	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	484	2,655	SH	DFND	28	0	2,655	0
ALIGN TECHNOLOGY INC	COM	016255101	72	254	SH	DFND	28	0	254	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	95	3,700	SH	DFND	28	0	3,700	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	7	42	SH	DFND	28	0	42	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	195	4,347	SH	DFND	28	0	4,347	0
ALLSTATE CORP	COM	020002101	47	500	SH	DFND	28	0	500	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	4	40	SH	DFND	28	0	40	0
ALPHABET INC	CAP STK CL C	02079K107	1,318	1,123	SH	DFND	28	0	1,123	0
ALPHABET INC	CAP STK CL A	02079K305	539	458	SH	DFND	28	0	458	0
ALTRA INDL MOTION CORP	COM	02208R106	0	10	SH	DFND	28	0	10	0
ALTRIA GROUP INC	COM	02209S103	170	2,967	SH	DFND	28	0	2,967	0
AMAZON COM INC	COM	023135106	2,037	1,144	SH	DFND	28	0	1,144	0
AMBEV SA	SPONSORED ADR	02319V103	130	30,290	SH	DFND	28	0	30,290	0
AMEREN CORP	COM	023608102	26	358	SH	DFND	28	0	358	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	193	4,047	SH	DFND	28	0	4,047	0
AMERICAN ELEC PWR CO INC	COM	025537101	66	786	SH	DFND	28	0	786	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	46	1,703	SH	DFND	28	0	1,703	0
AMERICAN EXPRESS CO	COM	025816109	212	1,941	SH	DFND	28	0	1,941	0
AMERICAN INTL GROUP INC	COM NEW	026874784	235	5,466	SH	DFND	28	0	5,466	0
AMERICAN STS WTR CO	COM	029899101	67	937	SH	DFND	28	0	937	0
AMERICAN TOWER CORP NEW	COM	03027X100	473	2,402	SH	DFND	28	0	2,402	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	11	101	SH	DFND	28	0	101	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	22	268	SH	DFND	28	0	268	0
AMERISAFE INC	COM	03071H100	43	718	SH	DFND	28	0	718	0
AMERISOURCEBERGEN CORP	COM	03073E105	54	677	SH	DFND	28	0	677	0
AMERIPRISE FINL INC	COM	03076C106	15	120	SH	DFND	28	0	120	0
AMETEK INC NEW	COM	031100100	318	3,827	SH	DFND	28	0	3,827	0
AMGEN INC	COM	031162100	425	2,238	SH	DFND	28	0	2,238	0
AMICUS THERAPEUTICS INC	COM	03152W109	1	49	SH	DFND	28	0	49	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	33	2,332	SH	DFND	28	0	2,332	0
AMPHENOL CORP NEW	CL A	032095101	463	4,906	SH	DFND	28	0	4,906	0
ANALOG DEVICES INC	COM	032654105	8	74	SH	DFND	28	0	74	0
ANGIODYNAMICS INC	COM	03475V101	17	722	SH	DFND	28	0	722	0
ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR	03524A108	210	2,507	SH	DFND	28	0	2,507	0
ANIXTER INTL INC	COM	035290105	14	251	SH	DFND	28	0	251	0
ANSYS INC	COM	03662Q105	282	1,545	SH	DFND	28	0	1,545	0
ANTHEM INC	COM	036752103	281	978	SH	DFND	28	0	978	0
ANTERO MIDSTREAM CORP	COM	03676B102	72	5,223	SH	DFND	28	0	5,223	0
APACHE CORP	COM	037411105	13	377	SH	DFND	28	0	377	0
APERGY CORP	COM	03755L104	73	1,786	SH	DFND	28	0	1,786	0
APPLE INC	COM	037833100	1,315	6,924	SH	DFND	28	0	6,924	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	168	2,832	SH	DFND	28	0	2,832	0
APPLIED MATLS INC	COM	038222105	114	2,867	SH	DFND	28	0	2,867	0

APTARGROUP INC	COM	038336103	88	825	SH	DFND	28	0	825	0
ARAMARK	COM	03852U106	3	85	SH	DFND	28	0	85	0
ARCHER DANIELS MIDLAND CO	COM	039483102	15	346	SH	DFND	28	0	346	0
ARCOSA INC	COM	039653100	0	10	SH	DFND	28	0	10	0
ARCONIC INC	COM	03965L100	215	11,270	SH	DFND	28	0	11,270	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	1	13	SH	DFND	28	0	13	0
ARISTA NETWORKS INC	COM	040413106	19	62	SH	DFND	28	0	62	0
ARROW ELECTRS INC	COM	042735100	30	391	SH	DFND	28	0	391	0
ASPEN TECHNOLOGY INC	COM	045327103	108	1,040	SH	DFND	28	0	1,040	0
AUTODESK INC	COM	052769106	516	3,314	SH	DFND	28	0	3,314	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	375	2,349	SH	DFND	28	0	2,349	0
AUTOZONE INC	COM	053332102	12	12	SH	DFND	28	0	12	0
AVALONBAY CMNTYS INC	COM	053484101	7	33	SH	DFND	28	0	33	0
AVANOS MED INC	COM	05350V106	0	1	SH	DFND	28	0	1	0
AVANGRID INC	COM	05351W103	7	136	SH	DFND	28	0	136	0
AVERY DENNISON CORP	COM	053611109	330	2,917	SH	DFND	28	0	2,917	0
AVISTA CORP	COM	05379B107	6	153	SH	DFND	28	0	153	0
AVNET INC	COM	053807103	46	1,060	SH	DFND	28	0	1,060	0
BB&T CORP	COM	054937107	35	758	SH	DFND	28	0	758	0
BOK FINL CORP	COM NEW	05561Q201	163	2,002	SH	DFND	28	0	2,002	0
BP PLC	SPONSORED ADR	055622104	277	6,329	SH	DFND	28	0	6,329	0
BWX TECHNOLOGIES INC	COM	05605H100	264	5,334	SH	DFND	28	0	5,334	0
BADGER METER INC	COM	056525108	108	1,950	SH	DFND	28	0	1,950	0
BAIDU INC	SPON ADR REP A	056752108	495	3,003	SH	DFND	28	0	3,003	0
BAKER HUGHES A GE CO	CL A	05722G100	7	239	SH	DFND	28	0	239	0
BALCHEM CORP	COM	057665200	21	225	SH	DFND	28	0	225	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	05946K101	324	56,573	SH	DFND	28	0	56,573	0
BANK AMER CORP	COM	060505104	571	20,681	SH	DFND	28	0	20,681	0
BANK HAWAII CORP	COM	062540109	41	526	SH	DFND	28	0	526	0
BANK NEW YORK MELLON CORP	COM	064058100	37	729	SH	DFND	28	0	729	0
BANK OZK	COM	06417N103	44	1,503	SH	DFND	28	0	1,503	0
BANKUNITED INC	COM	06652K103	0	5	SH	DFND	28	0	5	0
BARNES GROUP INC	COM	067806109	33	640	SH	DFND	28	0	640	0
BAXTER INTL INC	COM	071813109	562	6,908	SH	DFND	28	0	6,908	0
BECTON DICKINSON & CO	COM	075887109	80	321	SH	DFND	28	0	321	0
BEMIS CO INC	COM	081437105	3	48	SH	DFND	28	0	48	0
BENCHMARK ELECTRS INC	COM	08160H101	16	601	SH	DFND	28	0	601	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	74	369	SH	DFND	28	0	369	0
BERRY GLOBAL GROUP INC	COM	08579W103	123	2,285	SH	DFND	28	0	2,285	0
BIG LOTS INC	COM	089302103	18	477	SH	DFND	28	0	477	0
BIO RAD LABS INC	CL A	090572207	183	600	SH	DFND	28	0	600	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	137	1,539	SH	DFND	28	0	1,539	0
BIOGEN INC	COM	09062X103	189	800	SH	DFND	28	0	800	0
BIOTELEMETRY INC	COM	090672106	0	5	SH	DFND	28	0	5	0
BJS RESTAURANTS INC	COM	09180C106	83	1,756	SH	DFND	28	0	1,756	0
BLACK HILLS CORP	COM	092113109	15	207	SH	DFND	28	0	207	0
BLACK KNIGHT INC	COM	09215C105	96	1,758	SH	DFND	28	0	1,758	0

BLACKBAUD INC	COM	09227Q100	29	365	SH	DFND	28	0	365	0
BLACKROCK INC	COM	09247X101	223	523	SH	DFND	28	0	523	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	9	270	SH	DFND	28	0	270	0
BLOOMIN BRANDS INC	COM	094235108	49	2,374	SH	DFND	28	0	2,374	0
BLUEBIRD BIO INC	COM	09609G100	2	14	SH	DFND	28	0	14	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2	25	SH	DFND	28	0	25	0
BOEING CO	COM	097023105	170	445	SH	DFND	28	0	445	0
BOOKING HLDGS INC	COM	09857L108	408	234	SH	DFND	28	0	234	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	220	3,779	SH	DFND	28	0	3,779	0
BORGWARNER INC	COM	099724106	74	1,925	SH	DFND	28	0	1,925	0
BOSTON PROPERTIES INC	COM	101121101	28	210	SH	DFND	28	0	210	0
BOSTON SCIENTIFIC CORP	COM	101137107	63	1,634	SH	DFND	28	0	1,634	0
BOX INC	CL A	10316T104	5	265	SH	DFND	28	0	265	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	12	93	SH	DFND	28	0	93	0
BRINKS CO	COM	109696104	20	269	SH	DFND	28	0	269	0
BRISTOL MYERS SQUIBB CO	COM	110122108	214	4,486	SH	DFND	28	0	4,486	0
BRITISH AMERN TOB PLC	SPONSORED ADR	110448107	127	3,047	SH	DFND	28	0	3,047	0
BRIXMOR PPTY GROUP INC	COM	11120U105	9	492	SH	DFND	28	0	492	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	101	976	SH	DFND	28	0	976	0
BROADCOM INC	COM	11135F101	94	312	SH	DFND	28	0	312	0
BROOKS AUTOMATION INC	COM	114340102	15	502	SH	DFND	28	0	502	0
BROWN FORMAN CORP	CL B	115637209	167	3,155	SH	DFND	28	0	3,155	0
BRUNSWICK CORP	COM	117043109	0	8	SH	DFND	28	0	8	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	2	165	SH	DFND	28	0	165	0
BURLINGTON STORES INC	COM	122017106	312	1,994	SH	DFND	28	0	1,994	0
CBS CORP NEW	CL B	124857202	5	103	SH	DFND	28	0	103	0
CBOE GLOBAL MARKETS INC	COM	12503M108	15	155	SH	DFND	28	0	155	0
CBRE GROUP INC	CL A	12504L109	371	7,504	SH	DFND	28	0	7,504	0
CDK GLOBAL INC	COM	12508E101	3	45	SH	DFND	28	0	45	0
CDW CORP	COM	12514G108	133	1,384	SH	DFND	28	0	1,384	0
CF INDS HLDGS INC	COM	125269100	17	412	SH	DFND	28	0	412	0
CIGNA CORP NEW	COM	125523100	70	437	SH	DFND	28	0	437	0
CME GROUP INC	COM CL A	12572Q105	68	416	SH	DFND	28	0	416	0
CMS ENERGY CORP	COM	125896100	11	207	SH	DFND	28	0	207	0
CSX CORP	COM	126408103	418	5,592	SH	DFND	28	0	5,592	0
CTS CORP	COM	126501105	13	448	SH	DFND	28	0	448	0
CVB FINL CORP	COM	126600105	12	551	SH	DFND	28	0	551	0
CVS HEALTH CORP	COM	126650100	66	1,227	SH	DFND	28	0	1,227	0
CABLE ONE INC	COM	12685J105	103	105	SH	DFND	28	0	105	0
CABOT CORP	COM	127055101	14	348	SH	DFND	28	0	348	0
CABOT OIL & GAS CORP	COM	127097103	3	110	SH	DFND	28	0	110	0
CABOT MICROELECTRONICS CORP	COM	12709P103	121	1,084	SH	DFND	28	0	1,084	0
CACI INTL INC	CL A	127190304	59	323	SH	DFND	28	0	323	0
CADENCE DESIGN SYSTEM INC	COM	127387108	1	9	SH	DFND	28	0	9	0
CAESARS ENTMT CORP	COM	127686103	1	68	SH	DFND	28	0	68	0
CALAMP CORP	COM	128126109	12	966	SH	DFND	28	0	966	0
CALAVO GROWERS INC	COM	128246105	60	716	SH	DFND	28	0	716	0

CALLON PETE CO DEL	COM	13123X102	83	10,984	SH	DFND	28	0	10,984	0
CAMBREX CORP	COM	132011107	14	348	SH	DFND	28	0	348	0
CANADIAN NATL RY CO	COM	136375102	448	5,009	SH	DFND	28	0	5,009	0
CANADIAN PAC RY LTD	COM	13645T100	217	1,055	SH	DFND	28	0	1,055	0
CANTEL MEDICAL CORP	COM	138098108	50	751	SH	DFND	28	0	751	0
CAPITAL ONE FINL CORP	COM	14040H105	24	288	SH	DFND	28	0	288	0
CARLISLE COS INC	COM	142339100	2	18	SH	DFND	28	0	18	0
CARMAX INC	COM	143130102	236	3,374	SH	DFND	28	0	3,374	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	41	802	SH	DFND	28	0	802	0
CARPENTER TECHNOLOGY CORP	COM	144285103	17	366	SH	DFND	28	0	366	0
CARRIZO OIL & GAS INC	COM	144577103	13	1,012	SH	DFND	28	0	1,012	0
CARTERS INC	COM	146229109	115	1,140	SH	DFND	28	0	1,140	0
CASEYS GEN STORES INC	COM	147528103	253	1,961	SH	DFND	28	0	1,961	0
CATALENT INC	COM	148806102	144	3,545	SH	DFND	28	0	3,545	0
CATERPILLAR INC DEL	COM	149123101	154	1,140	SH	DFND	28	0	1,140	0
CAVCO INDS INC DEL	COM	149568107	90	765	SH	DFND	28	0	765	0
CELANESE CORP DEL	COM	150870103	9	86	SH	DFND	28	0	86	0
CELGENE CORP	COM	151020104	58	619	SH	DFND	28	0	619	0
CENTENE CORP DEL	COM	15135B101	347	6,526	SH	DFND	28	0	6,526	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	0	38	SH	DFND	28	0	38	0
CENTERPOINT ENERGY INC	COM	15189T107	196	6,375	SH	DFND	28	0	6,375	0
CENTURYLINK INC	COM	156700106	124	10,382	SH	DFND	28	0	10,382	0
CERNER CORP	COM	156782104	12	209	SH	DFND	28	0	209	0
CHANGYOU COM LTD	ADS REP CL A	15911M107	1	61	SH	DFND	28	0	61	0
CHARLES RIV LABS INTL INC	COM	159864107	88	605	SH	DFND	28	0	605	0
CHART INDS INC	COM PAR $0.01	16115Q308	48	532	SH	DFND	28	0	532	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	5	14	SH	DFND	28	0	14	0
CHEESECAKE FACTORY INC	COM	163072101	22	446	SH	DFND	28	0	446	0
CHEGG INC	COM	163092109	12	305	SH	DFND	28	0	305	0
CHEMED CORP NEW	COM	16359R103	103	320	SH	DFND	28	0	320	0
CHEMICAL FINL CORP	COM	163731102	75	1,826	SH	DFND	28	0	1,826	0
CHEMOURS CO	COM	163851108	0	1	SH	DFND	28	0	1	0
CHEVRON CORP NEW	COM	166764100	770	6,248	SH	DFND	28	0	6,248	0
CHIMERA INVT CORP	COM NEW	16934Q208	56	2,987	SH	DFND	28	0	2,987	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	161	227	SH	DFND	28	0	227	0
CHURCH & DWIGHT INC	COM	171340102	25	348	SH	DFND	28	0	348	0
CIMAREX ENERGY CO	COM	171798101	39	555	SH	DFND	28	0	555	0
CINEMARK HOLDINGS INC	COM	17243V102	14	359	SH	DFND	28	0	359	0
CISCO SYS INC	COM	17275R102	898	16,641	SH	DFND	28	0	16,641	0
CINTAS CORP	COM	172908105	313	1,550	SH	DFND	28	0	1,550	0
CITIGROUP INC	COM NEW	172967424	258	4,144	SH	DFND	28	0	4,144	0
CITIZENS FINL GROUP INC	COM	174610105	308	9,465	SH	DFND	28	0	9,465	0
CITRIX SYS INC	COM	177376100	5	52	SH	DFND	28	0	52	0
CLEAN HARBORS INC	COM	184496107	6	88	SH	DFND	28	0	88	0
CLOROX CO DEL	COM	189054109	3	21	SH	DFND	28	0	21	0
COCA COLA CO	COM	191216100	262	5,601	SH	DFND	28	0	5,601	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	73	1,350	SH	DFND	28	0	1,350	0

COGNEX CORP	COM	192422103	289	5,678	SH	DFND	28	0	5,678	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	45	627	SH	DFND	28	0	627	0
COHERENT INC	COM	192479103	31	222	SH	DFND	28	0	222	0
COLGATE PALMOLIVE CO	COM	194162103	66	968	SH	DFND	28	0	968	0
COLUMBIA BKG SYS INC	COM	197236102	29	898	SH	DFND	28	0	898	0
COMFORT SYS USA INC	COM	199908104	63	1,207	SH	DFND	28	0	1,207	0
COMCAST CORP NEW	CL A	20030N101	708	17,706	SH	DFND	28	0	17,706	0
COMERICA INC	COM	200340107	9	127	SH	DFND	28	0	127	0
COMMVAULT SYSTEMS INC	COM	204166102	24	377	SH	DFND	28	0	377	0
CONCHO RES INC	COM	20605P101	5	42	SH	DFND	28	0	42	0
CONDUENT INC	COM	206787103	0	32	SH	DFND	28	0	32	0
CONOCOPHILLIPS	COM	20825C104	353	5,283	SH	DFND	28	0	5,283	0
CONSTELLATION BRANDS INC	CL A	21036P108	3	15	SH	DFND	28	0	15	0
CONTINENTAL RESOURCES INC	COM	212015101	108	2,415	SH	DFND	28	0	2,415	0
COOPER COS INC	COM NEW	216648402	130	440	SH	DFND	28	0	440	0
COPART INC	COM	217204106	10	166	SH	DFND	28	0	166	0
CORE MARK HOLDING CO INC	COM	218681104	72	1,938	SH	DFND	28	0	1,938	0
CORESITE RLTY CORP	COM	21870Q105	97	902	SH	DFND	28	0	902	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	29	525	SH	DFND	28	0	525	0
CORNING INC	COM	219350105	41	1,226	SH	DFND	28	0	1,226	0
COSTCO WHSL CORP NEW	COM	22160K105	876	3,619	SH	DFND	28	0	3,619	0
COSTAR GROUP INC	COM	22160N109	41	87	SH	DFND	28	0	87	0
COVETRUS INC	COM	22304C100	2	72	SH	DFND	28	0	72	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	202	1,578	SH	DFND	28	0	1,578	0
CROWN HOLDINGS INC	COM	228368106	4	76	SH	DFND	28	0	76	0
CUBESMART	COM	229663109	10	297	SH	DFND	28	0	297	0
CUMMINS INC	COM	231021106	599	3,792	SH	DFND	28	0	3,792	0
CYRUSONE INC	COM	23283R100	42	810	SH	DFND	28	0	810	0
D R HORTON INC	COM	23331A109	177	4,269	SH	DFND	28	0	4,269	0
DTE ENERGY CO	COM	233331107	16	129	SH	DFND	28	0	129	0
DXC TECHNOLOGY CO	COM	23355L106	24	374	SH	DFND	28	0	374	0
DANAHER CORPORATION	COM	235851102	485	3,672	SH	DFND	28	0	3,672	0
DARDEN RESTAURANTS INC	COM	237194105	166	1,369	SH	DFND	28	0	1,369	0
DARLING INGREDIENTS INC	COM	237266101	42	1,956	SH	DFND	28	0	1,956	0
DAVE & BUSTERS ENTMT INC	COM	238337109	30	594	SH	DFND	28	0	594	0
DEERE & CO	COM	244199105	1	6	SH	DFND	28	0	6	0
DELEK US HLDGS INC NEW	COM	24665A103	29	789	SH	DFND	28	0	789	0
DELTA AIR LINES INC DEL	COM NEW	247361702	52	1,014	SH	DFND	28	0	1,014	0
DENNYS CORP	COM	24869P104	28	1,527	SH	DFND	28	0	1,527	0
DENTSPLY SIRONA INC	COM	24906P109	47	941	SH	DFND	28	0	941	0
DEVON ENERGY CORP NEW	COM	25179M103	1	31	SH	DFND	28	0	31	0
DEXCOM INC	COM	252131107	316	2,651	SH	DFND	28	0	2,651	0
DIAGEO P L C	SPON ADR NEW	25243Q205	258	1,580	SH	DFND	28	0	1,580	0
DIAMONDBACK ENERGY INC	COM	25278X109	28	272	SH	DFND	28	0	272	0
DIGITAL RLTY TR INC	COM	253868103	12	101	SH	DFND	28	0	101	0
DIODES INC	COM	254543101	17	495	SH	DFND	28	0	495	0
DISNEY WALT CO	COM DISNEY	254687106	417	3,758	SH	DFND	28	0	3,758	0
DISCOVER FINL SVCS	COM	254709108	26	360	SH	DFND	28	0	360	0

DISH NETWORK CORP	CL A	25470M109	1	25	SH	DFND	28	0	25	0
DOLLAR GEN CORP NEW	COM	256677105	37	314	SH	DFND	28	0	314	0
DOLLAR TREE INC	COM	256746108	15	140	SH	DFND	28	0	140	0
DOMINION ENERGY INC	COM	25746U109	292	3,804	SH	DFND	28	0	3,804	0
DOMINOS PIZZA INC	COM	25754A201	34	131	SH	DFND	28	0	131	0
DORMAN PRODUCTS INC	COM	258278100	196	2,229	SH	DFND	28	0	2,229	0
DOVER CORP	COM	260003108	96	1,018	SH	DFND	28	0	1,018	0
DOWDUPONT INC	COM	26078J100	173	3,239	SH	DFND	28	0	3,239	0
DRIL QUIP INC	COM	262037104	31	686	SH	DFND	28	0	686	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	189	2,095	SH	DFND	28	0	2,095	0
DYCOM INDS INC	COM	267475101	9	200	SH	DFND	28	0	200	0
EOG RES INC	COM	26875P101	21	224	SH	DFND	28	0	224	0
E TRADE FINANCIAL CORP	COM NEW	269246401	16	348	SH	DFND	28	0	348	0
EAGLE MATERIALS INC	COM	26969P108	112	1,332	SH	DFND	28	0	1,332	0
EAGLE PHARMACEUTICALS INC	COM	269796108	17	335	SH	DFND	28	0	335	0
EAST WEST BANCORP INC	COM	27579R104	23	473	SH	DFND	28	0	473	0
EASTERLY GOVT PPTYS INC	COM	27616P103	122	6,801	SH	DFND	28	0	6,801	0
EASTGROUP PPTY INC	COM	277276101	30	270	SH	DFND	28	0	270	0
EASTMAN CHEMICAL CO	COM	277432100	90	1,187	SH	DFND	28	0	1,187	0
EATON VANCE CORP	COM NON VTG	278265103	53	1,321	SH	DFND	28	0	1,321	0
EBAY INC	COM	278642103	65	1,737	SH	DFND	28	0	1,737	0
ECOLAB INC	COM	278865100	368	2,082	SH	DFND	28	0	2,082	0
EDISON INTL	COM	281020107	16	255	SH	DFND	28	0	255	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	427	2,230	SH	DFND	28	0	2,230	0
EL PASO ELEC CO	COM NEW	283677854	11	191	SH	DFND	28	0	191	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	16	500	SH	DFND	28	0	500	0
ELECTRONIC ARTS INC	COM	285512109	379	3,729	SH	DFND	28	0	3,729	0
ELLIE MAE INC	COM	28849P100	3	30	SH	DFND	28	0	30	0
EMCOR GROUP INC	COM	29084Q100	205	2,810	SH	DFND	28	0	2,810	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	5	105	SH	DFND	28	0	105	0
EMERSON ELEC CO	COM	291011104	3	50	SH	DFND	28	0	50	0
EMPIRE ST RLTY TR INC	CL A	292104106	5	294	SH	DFND	28	0	294	0
ENCOMPASS HEALTH CORP	COM	29261A100	210	3,596	SH	DFND	28	0	3,596	0
ENERSYS	COM	29275Y102	3	50	SH	DFND	28	0	50	0
ENPRO INDS INC	COM	29355X107	6	99	SH	DFND	28	0	99	0
ENSIGN GROUP INC	COM	29358P101	103	2,017	SH	DFND	28	0	2,017	0
ENTEGRIS INC	COM	29362U104	92	2,572	SH	DFND	28	0	2,572	0
ENTERGY CORP NEW	COM	29364G103	9	89	SH	DFND	28	0	89	0
EPAM SYS INC	COM	29414B104	132	779	SH	DFND	28	0	779	0
EQUIFAX INC	COM	294429105	19	164	SH	DFND	28	0	164	0
EQUINIX INC	COM	29444U700	227	501	SH	DFND	28	0	501	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	10	131	SH	DFND	28	0	131	0
ESCO TECHNOLOGIES INC	COM	296315104	30	452	SH	DFND	28	0	452	0
ESSEX PPTY TR INC	COM	297178105	45	157	SH	DFND	28	0	157	0
ETSY INC	COM	29786A106	27	396	SH	DFND	28	0	396	0
EURONET WORLDWIDE INC	COM	298736109	10	72	SH	DFND	28	0	72	0
EVERCORE INC	CLASS A	29977A105	293	3,216	SH	DFND	28	0	3,216	0
EVERBRIDGE INC	COM	29978A104	16	209	SH	DFND	28	0	209	0
EVERGY INC	COM	30034W106	14	240	SH	DFND	28	0	240	0

EVERSOURCE ENERGY	COM	30040W108	31	431	SH	DFND	28	0	431	0
EVOLENT HEALTH INC	CL A	30050B101	1	59	SH	DFND	28	0	59	0
EXACT SCIENCES CORP	COM	30063P105	30	350	SH	DFND	28	0	350	0
EXELIXIS INC	COM	30161Q104	263	11,062	SH	DFND	28	0	11,062	0
EXLSERVICE HOLDINGS INC	COM	302081104	23	380	SH	DFND	28	0	380	0
EXPEDIA GROUP INC	COM NEW	30212P303	230	1,937	SH	DFND	28	0	1,937	0
EXPONENT INC	COM	30214U102	404	6,995	SH	DFND	28	0	6,995	0
EXTRA SPACE STORAGE INC	COM	30225T102	10	94	SH	DFND	28	0	94	0
EXXON MOBIL CORP	COM	30231G102	436	5,394	SH	DFND	28	0	5,394	0
FLIR SYS INC	COM	302445101	44	922	SH	DFND	28	0	922	0
F M C CORP	COM NEW	302491303	22	285	SH	DFND	28	0	285	0
FNB CORP PA	COM	302520101	7	642	SH	DFND	28	0	642	0
FACEBOOK INC	CL A	30303M102	776	4,654	SH	DFND	28	0	4,654	0
FACTSET RESH SYS INC	COM	303075105	44	178	SH	DFND	28	0	178	0
FASTENAL CO	COM	311900104	19	288	SH	DFND	28	0	288	0
FEDERAL AGRIC MTG CORP	CL C	313148306	56	773	SH	DFND	28	0	773	0
FEDERAL REALTY INVT TR	SH BEN INT NEW	313747206	5	33	SH	DFND	28	0	33	0
FEDEX CORP	COM	31428X106	11	58	SH	DFND	28	0	58	0
F5 NETWORKS INC	COM	315616102	2	10	SH	DFND	28	0	10	0
FIBROGEN INC	COM	31572Q808	1	11	SH	DFND	28	0	11	0
FIDELITY	MSCI HLTH CARE I	316092600	475	10,682	SH	DFND	28	0	10,682	0
FIDELITY	MSCI INDL INDX	316092709	339	8,864	SH	DFND	28	0	8,864	0
FIDELITY NATL INFORMATION SV	COM	31620M106	292	2,579	SH	DFND	28	0	2,579	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	73	1,990	SH	DFND	28	0	1,990	0
58 COM INC	SPON ADR REP A	31680Q104	5	74	SH	DFND	28	0	74	0
FIRST AMERN FINL CORP	COM	31847R102	2	40	SH	DFND	28	0	40	0
FIRST FINL BANCORP OH	COM	320209109	18	737	SH	DFND	28	0	737	0
FIRST FINL BANKSHARES	COM	32020R109	101	1,754	SH	DFND	28	0	1,754	0
FIRST INDUSTRIAL REALTY TRUS	COM	32054K103	15	423	SH	DFND	28	0	423	0
FIRST MIDWEST BANCORP DEL	COM	320867104	13	649	SH	DFND	28	0	649	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	155	1,539	SH	DFND	28	0	1,539	0
FIRST SOLAR INC	COM	336433107	3	64	SH	DFND	28	0	64	0
FIRST TR EXCHANGE TRADED FD	CAP STRENGTH ETF	33733E104	391	7,233	SH	DFND	28	0	7,233	0
FIRST TR EXCHANGE TRADED FD	DORSEY WRT 5 ETF	33738R605	1,295	43,069	SH	DFND	28	0	43,069	0
FIRSTCASH INC	COM	33767D105	88	1,019	SH	DFND	28	0	1,019	0
FISERV INC	COM	337738108	54	615	SH	DFND	28	0	615	0
FIRSTENERGY CORP	COM	337932107	5	117	SH	DFND	28	0	117	0
FIVE BELOW INC	COM	33829M101	256	2,064	SH	DFND	28	0	2,064	0
FIVE9 INC	COM	338307101	14	257	SH	DFND	28	0	257	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	184	747	SH	DFND	28	0	747	0
FLUOR CORP NEW	COM	343412102	0	4	SH	DFND	28	0	4	0
FLOWSERVE CORP	COM	34354P105	6	131	SH	DFND	28	0	131	0
FOOT LOCKER INC	COM	344849104	10	157	SH	DFND	28	0	157	0
FORMFACTOR INC	COM	346375108	1	38	SH	DFND	28	0	38	0
FORTINET INC	COM	34959E109	8	97	SH	DFND	28	0	97	0
FORTIVE CORP	COM	34959J108	407	4,846	SH	DFND	28	0	4,846	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	7	147	SH	DFND	28	0	147	0

FORWARD AIR CORP	COM	349853101	29	441	SH	DFND	28	0	441	0
FOUR CORNERS PPTY TR INC	COM	35086T109	0	14	SH	DFND	28	0	14	0
FOX CORP	CL A COM	35137L105	2	49	SH	DFND	28	0	49	0
FOX CORP	CL B COM	35137L204	1	18	SH	DFND	28	0	18	0
FRANKLIN ELEC INC	COM	353514102	37	725	SH	DFND	28	0	725	0
FREEPORT-MCMORAN INC	CL B	35671D857	2	165	SH	DFND	28	0	165	0
FRONTIER COMMUNICATIONS CORP	COM NEW	35906A306	0	12	SH	DFND	28	0	12	0
GATX CORP	COM	361448103	82	1,069	SH	DFND	28	0	1,069	0
GEO GROUP INC NEW	COM	36162J106	6	325	SH	DFND	28	0	325	0
GALLAGHER ARTHUR J & CO	COM	363576109	21	268	SH	DFND	28	0	268	0
GARDNER DENVER HLDGS INC	COM	36555P107	127	4,571	SH	DFND	28	0	4,571	0
GARRETT MOTION INC	COM	366505105	0	13	SH	DFND	28	0	13	0
GARTNER INC	COM	366651107	182	1,199	SH	DFND	28	0	1,199	0
GENERAC HLDGS INC	COM	368736104	14	269	SH	DFND	28	0	269	0
GENERAL DYNAMICS CORP	COM	369550108	117	689	SH	DFND	28	0	689	0
GENERAL ELECTRIC CO	COM	369604103	12	1,194	SH	DFND	28	0	1,194	0
GENERAL MLS INC	COM	370334104	337	6,517	SH	DFND	28	0	6,517	0
GENERAL MTRS CO	COM	37045V100	248	6,686	SH	DFND	28	0	6,686	0
GENESCO INC	COM	371532102	11	251	SH	DFND	28	0	251	0
GENTEX CORP	COM	371901109	1	66	SH	DFND	28	0	66	0
GENOMIC HEALTH INC	COM	37244C101	25	354	SH	DFND	28	0	354	0
GENUINE PARTS CO	COM	372460105	14	126	SH	DFND	28	0	126	0
GILEAD SCIENCES INC	COM	375558103	190	2,926	SH	DFND	28	0	2,926	0
GLACIER BANCORP INC NEW	COM	37637Q105	100	2,504	SH	DFND	28	0	2,504	0
GLATFELTER	COM	377316104	22	1,545	SH	DFND	28	0	1,545	0
GLOBAL PMTS INC	COM	37940X102	255	1,867	SH	DFND	28	0	1,867	0
GLOBUS MED INC	CL A	379577208	96	1,949	SH	DFND	28	0	1,949	0
GODADDY INC	CL A	380237107	110	1,464	SH	DFND	28	0	1,464	0
GOLDMAN SACHS GROUP INC	COM	38141G104	41	214	SH	DFND	28	0	214	0
GRACO INC	COM	384109104	327	6,607	SH	DFND	28	0	6,607	0
GRAINGER W W INC	COM	384802104	266	885	SH	DFND	28	0	885	0
GRAND CANYON ED INC	COM	38526M106	18	153	SH	DFND	28	0	153	0
GRANITE CONSTR INC	COM	387328107	20	460	SH	DFND	28	0	460	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	2	143	SH	DFND	28	0	143	0
GREAT WESTN BANCORP INC	COM	391416104	14	429	SH	DFND	28	0	429	0
GREEN DOT CORP	CL A	39304D102	17	280	SH	DFND	28	0	280	0
GRUBHUB INC	COM	400110102	100	1,435	SH	DFND	28	0	1,435	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	20	204	SH	DFND	28	0	204	0
HCA HEALTHCARE INC	COM	40412C101	3	20	SH	DFND	28	0	20	0
HCP INC	COM	40414L109	15	488	SH	DFND	28	0	488	0
HDFC BANK LTD	SPONSORED ADS	40415F101	458	3,947	SH	DFND	28	0	3,947	0
HD SUPPLY HLDGS INC	COM	40416M105	2	42	SH	DFND	28	0	42	0
HFF INC	CL A	40418F108	8	167	SH	DFND	28	0	167	0
HSBC HLDGS PLC	SPON ADR NEW	404280406	201	4,941	SH	DFND	28	0	4,941	0
HP INC	COM	40434L105	360	18,508	SH	DFND	28	0	18,508	0
HALLIBURTON CO	COM	406216101	1	20	SH	DFND	28	0	20	0
HANESBRANDS INC	COM	410345102	2	107	SH	DFND	28	0	107	0
HANOVER INS GROUP INC	COM	410867105	4	38	SH	DFND	28	0	38	0

HARRIS CORP DEL	COM	413875105	14	86	SH	DFND	28	0	86	0
HARSCO CORP	COM	415864107	15	760	SH	DFND	28	0	760	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	16	318	SH	DFND	28	0	318	0
HASBRO INC	COM	418056107	12	146	SH	DFND	28	0	146	0
HEALTHCARE SVCS GRP INC	COM	421906108	50	1,508	SH	DFND	28	0	1,508	0
HEALTHCARE RLTY TR	COM	421946104	13	417	SH	DFND	28	0	417	0
HEALTHEQUITY INC	COM	42226A107	9	117	SH	DFND	28	0	117	0
HEARTLAND EXPRESS INC	COM	422347104	1	50	SH	DFND	28	0	50	0
HEARTLAND FINL USA INC	COM	42234Q102	2	45	SH	DFND	28	0	45	0
HEICO CORP NEW	COM	422806109	5	56	SH	DFND	28	0	56	0
HELMERICH & PAYNE INC	COM	423452101	318	5,724	SH	DFND	28	0	5,724	0
HENRY JACK & ASSOC INC	COM	426281101	73	527	SH	DFND	28	0	527	0
HERSHEY CO	COM	427866108	18	160	SH	DFND	28	0	160	0
HESS CORP	COM	42809H107	23	379	SH	DFND	28	0	379	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	13	847	SH	DFND	28	0	847	0
HEXCEL CORP NEW	COM	428291108	213	3,079	SH	DFND	28	0	3,079	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	219	2,632	SH	DFND	28	0	2,632	0
HOME BANCSHARES INC	COM	436893200	49	2,817	SH	DFND	28	0	2,817	0
HOME DEPOT INC	COM	437076102	712	3,708	SH	DFND	28	0	3,708	0
HONEYWELL INTL INC	COM	438516106	441	2,773	SH	DFND	28	0	2,773	0
HOPE BANCORP INC	COM	43940T109	13	1,021	SH	DFND	28	0	1,021	0
HORMEL FOODS CORP	COM	440452100	3	74	SH	DFND	28	0	74	0
HOST HOTELS & RESORTS INC	COM	44107P104	210	11,116	SH	DFND	28	0	11,116	0
HOULIHAN LOKEY INC	CL A	441593100	56	1,217	SH	DFND	28	0	1,217	0
HUB GROUP INC	CL A	443320106	12	298	SH	DFND	28	0	298	0
HUBBELL INC	COM	443510607	3	22	SH	DFND	28	0	22	0
HUBSPOT INC	COM	443573100	20	123	SH	DFND	28	0	123	0
HUMANA INC	COM	444859102	44	165	SH	DFND	28	0	165	0
HUNT J B TRANS SVCS INC	COM	445658107	7	73	SH	DFND	28	0	73	0
HUNTINGTON BANCSHARES INC	COM	446150104	72	5,648	SH	DFND	28	0	5,648	0
HUNTINGTON INGALLS INDS INC	COM	446413106	114	549	SH	DFND	28	0	549	0
HUNTSMAN CORP	COM	447011107	176	7,810	SH	DFND	28	0	7,810	0
IAC INTERACTIVECORP	COM	44919P508	24	113	SH	DFND	28	0	113	0
ICU MED INC	COM	44930G107	183	764	SH	DFND	28	0	764	0
IPG PHOTONICS CORP	COM	44980X109	58	381	SH	DFND	28	0	381	0
ITT INC	COM	45073V108	30	517	SH	DFND	28	0	517	0
IBERIABANK CORP	COM	450828108	5	68	SH	DFND	28	0	68	0
ICICI BK LTD	ADR	45104G104	314	27,387	SH	DFND	28	0	27,387	0
IDACORP INC	COM	451107106	28	282	SH	DFND	28	0	282	0
IDEX CORP	COM	45167R104	3	22	SH	DFND	28	0	22	0
IDEXX LABS INC	COM	45168D104	45	201	SH	DFND	28	0	201	0
ILLINOIS TOOL WKS INC	COM	452308109	2	15	SH	DFND	28	0	15	0
ILLUMINA INC	COM	452327109	68	219	SH	DFND	28	0	219	0
INCYTE CORP	COM	45337C102	0	5	SH	DFND	28	0	5	0
INDEPENDENT BK GROUP INC	COM	45384B106	22	422	SH	DFND	28	0	422	0
INGEVITY CORP	COM	45688C107	14	136	SH	DFND	28	0	136	0
INNOPHOS HOLDINGS INC	COM	45774N108	3	90	SH	DFND	28	0	90	0
INSPERITY INC	COM	45778Q107	21	170	SH	DFND	28	0	170	0

INOGEN INC	COM	45780L104	16	171	SH	DFND	28	0	171	0
INSULET CORP	COM	45784P101	51	537	SH	DFND	28	0	537	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	28	507	SH	DFND	28	0	507	0
INTEGRATED DEVICE TECHNOLOGY	COM	458118106	31	636	SH	DFND	28	0	636	0
INTEL CORP	COM	458140100	604	11,245	SH	DFND	28	0	11,245	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	0	2	SH	DFND	28	0	2	0
INTERFACE INC	COM	458665304	16	1,027	SH	DFND	28	0	1,027	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	159	2,094	SH	DFND	28	0	2,094	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	123	872	SH	DFND	28	0	872	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	28	219	SH	DFND	28	0	219	0
INTERPUBLIC GROUP COS INC	COM	460690100	1	26	SH	DFND	28	0	26	0
INVESCO QQQ TR	UNIT SER 1	46090E103	1,234	6,869	SH	DFND	28	0	6,869	0
INTUIT	COM	461202103	919	3,515	SH	DFND	28	0	3,515	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	552	968	SH	DFND	28	0	968	0
INVESCO EXCHNG TRADED FD TR	S&P MIDCP LOW	46138E198	803	16,164	SH	DFND	28	0	16,164	0
INVESCO EXCHNG TRADED FD TR	PFD ETF	46138E511	8	577	SH	DFND	28	0	577	0
INVESCO EXCHNG TRADED FD TR	DWA EMERG MKTS	46138E867	615	36,189	SH	DFND	28	0	36,189	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2020 HY	46138J601	1,070	44,419	SH	DFND	28	0	44,419	0
IONIS PHARMACEUTICALS INC	COM	462222100	8	95	SH	DFND	28	0	95	0
IQVIA HLDGS INC	COM	46266C105	3	24	SH	DFND	28	0	24	0
IRON MTN INC NEW	COM	46284V101	6	158	SH	DFND	28	0	158	0
ISHARES INC	MIN VOL EMRG MKT	464286533	435	7,346	SH	DFND	28	0	7,346	0
ISHARES INC	MSCI STH KOR ETF	464286772	15	245	SH	DFND	28	0	245	0
ISHARES TR	CORE S&P TTL STK	464287150	2,606	40,469	SH	DFND	28	0	40,469	0
ISHARES TR	SELECT DIVID ETF	464287168	814	8,292	SH	DFND	28	0	8,292	0
ISHARES TR	TIPS BD ETF	464287176	961	8,498	SH	DFND	28	0	8,498	0
ISHARES TR	CORE S&P500 ETF	464287200	5,406	18,999	SH	DFND	28	0	18,999	0
ISHARES TR	CORE US AGGBD ET	464287226	7,308	67,002	SH	DFND	28	0	67,002	0
ISHARES TR	MSCI EMG MKT ETF	464287234	2,146	50,008	SH	DFND	28	0	50,008	0
ISHARES TR	IBOXX INV CP ETF	464287242	3,283	27,578	SH	DFND	28	0	27,578	0
ISHARES TR	GLOBAL TECH ETF	464287291	1,611	9,417	SH	DFND	28	0	9,417	0
ISHARES TR	S&P 500 GRWT ETF	464287309	225	1,307	SH	DFND	28	0	1,307	0
ISHARES TR	GLOB HLTHCRE ETF	464287325	828	13,556	SH	DFND	28	0	13,556	0
ISHARES TR	S&P 500 VAL ETF	464287408	1,045	9,270	SH	DFND	28	0	9,270	0
ISHARES TR	20 YR TR BD ETF	464287432	161	1,276	SH	DFND	28	0	1,276	0
ISHARES TR	BARCLAYS 7 10 YR	464287440	225	2,114	SH	DFND	28	0	2,114	0
ISHARES TR	1 3 YR TREAS BD	464287457	2,904	34,523	SH	DFND	28	0	34,523	0
ISHARES TR	MSCI EAFE ETF	464287465	1,955	30,134	SH	DFND	28	0	30,134	0
ISHARES TR	RUS MDCP VAL ETF	464287473	236	2,712	SH	DFND	28	0	2,712	0
ISHARES TR	RUS MD CP GR ETF	464287481	1,185	8,735	SH	DFND	28	0	8,735	0
ISHARES TR	RUS MID CAP ETF	464287499	1,346	24,953	SH	DFND	28	0	24,953	0
ISHARES TR	CORE S&P MCP ETF	464287507	748	3,947	SH	DFND	28	0	3,947	0

ISHARES TR	EXPANDED TECH	464287515	266	1,264	SH	DFND	28	0	1,264	0
ISHARES TR	RUS 1000 VAL ETF	464287598	1,011	8,186	SH	DFND	28	0	8,186	0
ISHARES TR	RUS 1000 GRW ETF	464287614	1,747	11,539	SH	DFND	28	0	11,539	0
ISHARES TR	RUS 1000 ETF	464287622	2,301	14,626	SH	DFND	28	0	14,626	0
ISHARES TR	RUS 2000 VAL ETF	464287630	337	2,811	SH	DFND	28	0	2,811	0
ISHARES TR	RUS 2000 GRW ETF	464287648	654	3,328	SH	DFND	28	0	3,328	0
ISHARES TR	RUSSELL 2000 ETF	464287655	687	4,485	SH	DFND	28	0	4,485	0
ISHARES TR	RUSSELL 3000 ETF	464287689	708	4,247	SH	DFND	28	0	4,247	0
ISHARES TR	U.S. UTILITS ETF	464287697	419	2,841	SH	DFND	28	0	2,841	0
ISHARES TR	U.S. REAL ES ETF	464287739	318	3,648	SH	DFND	28	0	3,648	0
ISHARES TR	US HLTHCARE ETF	464287762	1,128	5,821	SH	DFND	28	0	5,821	0
ISHARES TR	U.S. FINLS ETF	464287788	295	2,497	SH	DFND	28	0	2,497	0
ISHARES TR	CORE S&P SCP ETF	464287804	1,849	23,961	SH	DFND	28	0	23,961	0
ISHARES TR	SP SMCP600VL ETF	464287879	397	2,691	SH	DFND	28	0	2,691	0
ISHARES TR	INTL TREA BD ETF	464288117	1,942	39,610	SH	DFND	28	0	39,610	0
ISHARES TR	SHRT NAT MUN ETF	464288158	2,460	23,205	SH	DFND	28	0	23,205	0
ISHARES TR	MSCI ACWI EX US	464288240	1,753	37,893	SH	DFND	28	0	37,893	0
ISHARES TR	MSCI ACWI ETF	464288257	24	335	SH	DFND	28	0	335	0
ISHARES TR	EAFE SML CP ETF	464288273	589	10,255	SH	DFND	28	0	10,255	0
ISHARES TR	JPMORGAN USD EMG	464288281	1,446	13,137	SH	DFND	28	0	13,137	0
ISHARES TR	NATIONAL MUN ETF	464288414	3,365	30,267	SH	DFND	28	0	30,267	0
ISHARES TR	IBOXX HI YD ETF	464288513	1,798	20,797	SH	DFND	28	0	20,797	0
ISHARES TR	MBS ETF	464288588	404	3,802	SH	DFND	28	0	3,802	0
ISHARES TR	INTRM TR CRP ETF	464288638	1,891	34,302	SH	DFND	28	0	34,302	0
ISHARES TR	SH TR CRPORT ETF	464288646	2,366	44,789	SH	DFND	28	0	44,789	0
ISHARES TR	3 7 YR TREAS BD	464288661	148	1,204	SH	DFND	28	0	1,204	0
ISHARES TR	SHORT TREAS BD	464288679	1,017	9,194	SH	DFND	28	0	9,194	0
ISHARES TR	PFD AND INCM SEC	464288687	1,089	29,785	SH	DFND	28	0	29,785	0
ISHARES TR	US AER DEF ETF	464288760	272	1,363	SH	DFND	28	0	1,363	0
ISHARES TR	U.S. MED DVC ETF	464288810	210	909	SH	DFND	28	0	909	0
ISHARES TR	EAFE VALUE ETF	464288877	268	5,479	SH	DFND	28	0	5,479	0
ISHARES TR	EAFE GRWTH ETF	464288885	232	3,000	SH	DFND	28	0	3,000	0
ISHARES TR	US TREAS BD ETF	46429B267	1,270	50,315	SH	DFND	28	0	50,315	0
ISHARES TR	FLTG RATE NT ETF	46429B655	786	15,440	SH	DFND	28	0	15,440	0
ISHARES TR	CORE HIGH DV ETF	46429B663	1,375	14,735	SH	DFND	28	0	14,735	0
ISHARES TR	MIN VOL EAFE ETF	46429B689	1,010	14,035	SH	DFND	28	0	14,035	0
ISHARES TR	MIN VOL USA ETF	46429B697	2,725	46,346	SH	DFND	28	0	46,346	0
ISHARES US ETF TR	SHT MAT BD ETF	46431W507	8,576	170,702	SH	DFND	28	0	170,702	0
ISHARES TR	USA QUALITY FCTR	46432F339	3,092	34,913	SH	DFND	28	0	34,913	0
ISHARES TR	USA MOMENTUM FCT	46432F396	808	7,207	SH	DFND	28	0	7,207	0
ISHARES TR	CORE MSCI EAFE	46432F842	4,471	73,575	SH	DFND	28	0	73,575	0
ISHARES INC	CORE MSCI EMKT	46434G103	2,564	49,593	SH	DFND	28	0	49,593	0
ISHARES TR	EXPONENTIAL TECH	46434V381	829	21,831	SH	DFND	28	0	21,831	0
ISHARES TR	CORE TOTAL USD	46434V613	960	18,975	SH	DFND	28	0	18,975	0
ISHARES TR	CORE DIV GRWTH	46434V621	201	5,474	SH	DFND	28	0	5,474	0
ISHARES TR	MSCI UK ETF NEW	46435G334	11	323	SH	DFND	28	0	323	0

ITAU UNIBANCO HLDG SA	SPON ADR REP PFD	465562106	284	32,201	SH		DFND	28	0	32,201	0
J & J SNACK FOODS CORP	COM	466032109	58	368	SH		DFND	28	0	368	0
JPMORGAN CHASE & CO	COM	46625H100	740	7,308	SH		DFND	28	0	7,308	0
JPMORGAN CHASE & CO	ALERIAN ML ETN	46625H365	635	24,875	SH		DFND	28	0	24,875	0
JABIL INC	COM	466313103	206	7,754	SH		DFND	28	0	7,754	0
JETBLUE AWYS CORP	COM	477143101	5	286	SH		DFND	28	0	286	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2	18	SH		DFND	28	0	18	0
JOHNSON & JOHNSON	COM	478160104	609	4,353	SH		DFND	28	0	4,353	0
JONES LANG LASALLE INC	COM	48020Q107	7	46	SH		DFND	28	0	46	0
J2 GLOBAL INC	COM	48123V102	86	990	SH		DFND	28	0	990	0
KAR AUCTION SVCS INC	COM	48238T109	16	304	SH		DFND	28	0	304	0
KLA-TENCOR CORP	COM	482480100	19	160	SH		DFND	28	0	160	0
KANSAS CITY SOUTHERN	COM NEW	485170302	8	68	SH		DFND	28	0	68	0
KENNAMETAL INC	COM	489170100	0	12	SH		DFND	28	0	12	0
KENNEDY-WILSON HLDGS INC	COM	489398107	65	3,036	SH		DFND	28	0	3,036	0
KEURIG DR PEPPER INC	COM	49271V100	0	7	SH		DFND	28	0	7	0
KEYCORP NEW	COM	493267108	134	8,537	SH		DFND	28	0	8,537	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	420	4,821	SH		DFND	28	0	4,821	0
KFORCE INC	COM	493732101	19	546	SH		DFND	28	0	546	0
KIMBERLY CLARK CORP	COM	494368103	198	1,600	SH		DFND	28	0	1,600	0
KIRBY CORP	COM	497266106	0	1	SH		DFND	28	0	1	0
KITE RLTY GROUP TR	COM NEW	49803T300	8	499	SH		DFND	28	0	499	0
KNOLL INC	COM NEW	498904200	13	700	SH		DFND	28	0	700	0
KONINKLIJKE PHILIPS N V	NY REG SH NEW	500472303	271	6,640	SH		DFND	28	0	6,640	0
KORN FERRY	COM NEW	500643200	19	421	SH		DFND	28	0	421	0
KROGER CO	COM	501044101	19	790	SH		DFND	28	0	790	0
LHC GROUP INC	COM	50187A107	76	684	SH		DFND	28	0	684	0
LKQ CORP	COM	501889208	2	87	SH		DFND	28	0	87	0
LPL FINL HLDGS INC	COM	50212V100	0	4	SH		DFND	28	0	4	0
LTC PPTYS INC	COM	502175102	20	431	SH		DFND	28	0	431	0
L3 TECHNOLOGIES INC	COM	502413107	9	42	SH		DFND	28	0	42	0
LA Z BOY INC	COM	505336107	14	424	SH		DFND	28	0	424	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	67	435	SH		DFND	28	0	435	0
LAKELAND FINL CORP	COM	511656100	25	555	SH		DFND	28	0	555	0
LAM RESEARCH CORP	COM	512807108	39	220	SH		DFND	28	0	220	0
LAMB WESTON HLDGS INC	COM	513272104	46	616	SH		DFND	28	0	616	0
LANDSTAR SYS INC	COM	515098101	62	564	SH		DFND	28	0	564	0
LAS VEGAS SANDS CORP	COM	517834107	19	315	SH		DFND	28	0	315	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	6	479	SH		DFND	28	0	479	0
LAUDER ESTEE COS INC	CL A	518439104	639	3,862	SH		DFND	28	0	3,862	0
LEAR CORP	COM NEW	521865204	362	2,669	SH		DFND	28	0	2,669	0
LEGGETT & PLATT INC	COM	524660107	13	317	SH		DFND	28	0	317	0
LEIDOS HLDGS INC	COM	525327102	1	19	SH		DFND	28	0	19	0
LEMAITRE VASCULAR INC	COM	525558201	14	436	SH		DFND	28	0	436	0
LENDINGTREE INC NEW	COM	52603B107	13	37	SH		DFND	28	0	37	0
LENNAR CORP	CL A	526057104	1	13	SH		DFND	28	0	13	0
LENNOX INTL INC	COM	526107107	49	186	SH		DFND	28	0	186	0
LIBERTY BROADBAND CORP	COM SER C	530307305	0	3	SH		DFND	28	0	3	0

LIBERTY PPTY TR	SH BEN INT	531172104	4	78	SH	DFND	28	0	78	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM	531229409	0	5	SH	DFND	28	0	5	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM	531229607	0	7	SH	DFND	28	0	7	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	15	122	SH	DFND	28	0	122	0
LILLY ELI & CO	COM	532457108	94	721	SH	DFND	28	0	721	0
LINCOLN ELEC HLDGS INC	COM	533900106	100	1,189	SH	DFND	28	0	1,189	0
LINCOLN NATL CORP IND	COM	534187109	39	663	SH	DFND	28	0	663	0
LITHIA MTRS INC	CL A	536797103	89	955	SH	DFND	28	0	955	0
LITTELFUSE INC	COM	537008104	81	443	SH	DFND	28	0	443	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	11	175	SH	DFND	28	0	175	0
LIVEPERSON INC	COM	538146101	18	615	SH	DFND	28	0	615	0
LIVENT CORP	COM	53814L108	2	168	SH	DFND	28	0	168	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR	539439109	57	17,652	SH	DFND	28	0	17,652	0
LOCKHEED MARTIN CORP	COM	539830109	179	596	SH	DFND	28	0	596	0
LOEWS CORP	COM	540424108	2	38	SH	DFND	28	0	38	0
LOGMEIN INC	COM	54142L109	99	1,234	SH	DFND	28	0	1,234	0
LOWES COS INC	COM	548661107	142	1,297	SH	DFND	28	0	1,297	0
LULULEMON ATHLETICA INC	COM	550021109	85	516	SH	DFND	28	0	516	0
LUMENTUM HLDGS INC	COM	55024U109	2	33	SH	DFND	28	0	33	0
LYDALL INC DEL	COM	550819106	14	581	SH	DFND	28	0	581	0
M & T BK CORP	COM	55261F104	405	2,579	SH	DFND	28	0	2,579	0
MSC INDL DIRECT INC	CL A	553530106	2	20	SH	DFND	28	0	20	0
MSCI INC	COM	55354G100	3	14	SH	DFND	28	0	14	0
MTS SYS CORP	COM	553777103	25	452	SH	DFND	28	0	452	0
MACYS INC	COM	55616P104	131	5,467	SH	DFND	28	0	5,467	0
MADDEN STEVEN LTD	COM	556269108	28	814	SH	DFND	28	0	814	0
MANHATTAN ASSOCS INC	COM	562750109	7	129	SH	DFND	28	0	129	0
MANTECH INTL CORP	CL A	564563104	30	549	SH	DFND	28	0	549	0
MARATHON OIL CORP	COM	565849106	6	339	SH	DFND	28	0	339	0
MARATHON PETE CORP	COM	56585A102	183	3,055	SH	DFND	28	0	3,055	0
MARCUS & MILLICHAP INC	COM	566324109	28	685	SH	DFND	28	0	685	0
MARINEMAX INC	COM	567908108	3	172	SH	DFND	28	0	172	0
MARKETAXESS HLDGS INC	COM	57060D108	345	1,401	SH	DFND	28	0	1,401	0
MARSH & MCLENNAN COS INC	COM	571748102	70	750	SH	DFND	28	0	750	0
MARRIOTT INTL INC NEW	CL A	571903202	6	51	SH	DFND	28	0	51	0
MARTIN MARIETTA MATLS INC	COM	573284106	8	41	SH	DFND	28	0	41	0
MASCO CORP	COM	574599106	140	3,564	SH	DFND	28	0	3,564	0
MASIMO CORP	COM	574795100	12	88	SH	DFND	28	0	88	0
MASONITE INTL CORP NEW	COM	575385109	4	89	SH	DFND	28	0	89	0
MASTERCARD INC	CL A	57636Q104	77	326	SH	DFND	28	0	326	0
MATADOR RES CO	COM	576485205	87	4,501	SH	DFND	28	0	4,501	0
MATTHEWS INTL CORP	CL A	577128101	7	198	SH	DFND	28	0	198	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	0	1	SH	DFND	28	0	1	0
MCCORMICK & CO INC	COM NON VTG	579780206	143	948	SH	DFND	28	0	948	0
MCDONALDS CORP	COM	580135101	104	546	SH	DFND	28	0	546	0
MCGRATH RENTCORP	COM	580589109	16	291	SH	DFND	28	0	291	0
MCKESSON CORP	COM	58155Q103	17	149	SH	DFND	28	0	149	0

MEDICAL PPTYS TRUST INC	COM	58463J304	29	1,578	SH	DFND	28	0	1,578	0
MEDICINES CO	COM	584688105	0	4	SH	DFND	28	0	4	0
MEDIDATA SOLUTIONS INC	COM	58471A105	16	213	SH	DFND	28	0	213	0
MEDNAX INC	COM	58502B106	6	214	SH	DFND	28	0	214	0
MEDPACE HLDGS INC	COM	58506Q109	12	206	SH	DFND	28	0	206	0
MELCO RESORTS AND ENTMT LTD	ADR	585464100	1	48	SH	DFND	28	0	48	0
MERCK & CO INC	COM	58933Y105	146	1,758	SH	DFND	28	0	1,758	0
MERCURY SYS INC	COM	589378108	4	64	SH	DFND	28	0	64	0
MERIT MED SYS INC	COM	589889104	34	555	SH	DFND	28	0	555	0
MERITAGE HOMES CORP	COM	59001A102	10	221	SH	DFND	28	0	221	0
METHODE ELECTRS INC	COM	591520200	14	499	SH	DFND	28	0	499	0
METLIFE INC	COM	59156R108	217	5,105	SH	DFND	28	0	5,105	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	247	342	SH	DFND	28	0	342	0
MICHAELS COS INC	COM	59408Q106	39	3,390	SH	DFND	28	0	3,390	0
MICROSOFT CORP	COM	594918104	1,801	15,275	SH	DFND	28	0	15,275	0
MICROCHIP TECHNOLOGY INC	COM	595017104	46	554	SH	DFND	28	0	554	0
MICRON TECHNOLOGY INC	COM	595112103	5	132	SH	DFND	28	0	132	0
MID AMER APT CMNTYS INC	COM	59522J103	105	964	SH	DFND	28	0	964	0
MIDDLEBY CORP	COM	596278101	115	888	SH	DFND	28	0	888	0
MINERALS TECHNOLOGIES INC	COM	603158106	19	323	SH	DFND	28	0	323	0
MOBILE TELESYSTEMS PJSC	SPONSORED ADR	607409109	0	3	SH	DFND	28	0	3	0
MOLINA HEALTHCARE INC	COM	60855R100	17	122	SH	DFND	28	0	122	0
MOLSON COORS BREWING CO	CL B	60871R209	147	2,465	SH	DFND	28	0	2,465	0
MONDELEZ INTL INC	CL A	609207105	238	4,773	SH	DFND	28	0	4,773	0
MONOLITHIC PWR SYS INC	COM	609839105	48	353	SH	DFND	28	0	353	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	75	1,378	SH	DFND	28	0	1,378	0
MOODYS CORP	COM	615369105	57	317	SH	DFND	28	0	317	0
MOOG INC	CL A	615394202	53	608	SH	DFND	28	0	608	0
MORGAN STANLEY	COM NEW	617446448	253	6,006	SH	DFND	28	0	6,006	0
MORNINGSTAR INC	COM	617700109	67	534	SH	DFND	28	0	534	0
MOSAIC CO NEW	COM	61945C103	14	522	SH	DFND	28	0	522	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	244	1,738	SH	DFND	28	0	1,738	0
MUELLER WTR PRODS INC	COM SER A	624758108	17	1,645	SH	DFND	28	0	1,645	0
MULTI COLOR CORP	COM	625383104	2	32	SH	DFND	28	0	32	0
MURPHY OIL CORP	COM	626717102	22	740	SH	DFND	28	0	740	0
NASDAQ INC	COM	631103108	7	78	SH	DFND	28	0	78	0
NATIONAL HEALTH INVS INC	COM	63633D104	3	38	SH	DFND	28	0	38	0
NATIONAL INSTRS CORP	COM	636518102	2	56	SH	DFND	28	0	56	0
NATIONAL OILWELL VARCO INC	COM	637071101	10	384	SH	DFND	28	0	384	0
NAVIGANT CONSULTING INC	COM	63935N107	16	827	SH	DFND	28	0	827	0
NEENAH INC	COM	640079109	35	551	SH	DFND	28	0	551	0
NEOGEN CORP	COM	640491106	1	17	SH	DFND	28	0	17	0
NEOGENOMICS INC	COM NEW	64049M209	2	89	SH	DFND	28	0	89	0
NETAPP INC	COM	64110D104	363	5,231	SH	DFND	28	0	5,231	0
NETFLIX INC	COM	64110L106	97	271	SH	DFND	28	0	271	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	106	1,204	SH	DFND	28	0	1,204	0
NEWELL BRANDS INC	COM	651229106	3	177	SH	DFND	28	0	177	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	40	367	SH	DFND	28	0	367	0

NEXTERA ENERGY INC	COM	65339F101	227	1,175	SH	DFND	28	0	1,175	0
NIKE INC	CL B	654106103	175	2,084	SH	DFND	28	0	2,084	0
NISOURCE INC	COM	65473P105	9	331	SH	DFND	28	0	331	0
NOBLE ENERGY INC	COM	655044105	22	896	SH	DFND	28	0	896	0
NORDSON CORP	COM	655663102	205	1,551	SH	DFND	28	0	1,551	0
NORDSTROM INC	COM	655664100	6	131	SH	DFND	28	0	131	0
NORFOLK SOUTHERN CORP	COM	655844108	8	45	SH	DFND	28	0	45	0
NORTHERN TR CORP	COM	665859104	31	347	SH	DFND	28	0	347	0
NORTHROP GRUMMAN CORP	COM	666807102	254	942	SH	DFND	28	0	942	0
NORTHWESTERN CORP	COM NEW	668074305	25	357	SH	DFND	28	0	357	0
NOVANTA INC	COM	67000B104	16	192	SH	DFND	28	0	192	0
NUCOR CORP	COM	670346105	2	40	SH	DFND	28	0	40	0
NUTANIX INC	CL A	67059N108	124	3,279	SH	DFND	28	0	3,279	0
NVIDIA CORP	COM	67066G104	509	2,833	SH	DFND	28	0	2,833	0
NUVASIVE INC	COM	670704105	3	58	SH	DFND	28	0	58	0
NUTRIEN LTD	COM	67077M108	236	4,474	SH	DFND	28	0	4,474	0
OGE ENERGY CORP	COM	670837103	113	2,617	SH	DFND	28	0	2,617	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	16	41	SH	DFND	28	0	41	0
OSI SYSTEMS INC	COM	671044105	8	97	SH	DFND	28	0	97	0
OCCIDENTAL PETE CORP	COM	674599105	317	4,788	SH	DFND	28	0	4,788	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	4	29	SH	DFND	28	0	29	0
OLD NATL BANCORP IND	COM	680033107	18	1,100	SH	DFND	28	0	1,100	0
OLIN CORP	COM PAR $1	680665205	1	23	SH	DFND	28	0	23	0
OLLIES BARGAIN OUTLT HLDGS I	COM	681116109	63	735	SH	DFND	28	0	735	0
OMNICOM GROUP INC	COM	681919106	19	264	SH	DFND	28	0	264	0
OMNICELL INC	COM	68213N109	58	716	SH	DFND	28	0	716	0
ON SEMICONDUCTOR CORP	COM	682189105	273	13,261	SH	DFND	28	0	13,261	0
ONEOK INC NEW	COM	682680103	301	4,307	SH	DFND	28	0	4,307	0
ORACLE CORP	COM	68389X105	272	5,059	SH	DFND	28	0	5,059	0
OWENS CORNING NEW	COM	690742101	7	143	SH	DFND	28	0	143	0
OXFORD INDS INC	COM	691497309	10	127	SH	DFND	28	0	127	0
PC CONNECTION INC	COM	69318J100	17	452	SH	DFND	28	0	452	0
PDC ENERGY INC	COM	69327R101	0	7	SH	DFND	28	0	7	0
PNC FINL SVCS GROUP INC	COM	693475105	93	756	SH	DFND	28	0	756	0
PPG INDS INC	COM	693506107	24	208	SH	DFND	28	0	208	0
PPL CORP	COM	69351T106	109	3,431	SH	DFND	28	0	3,431	0
PRA HEALTH SCIENCES INC	COM	69354M108	22	201	SH	DFND	28	0	201	0
PRA GROUP INC	COM	69354N106	20	744	SH	DFND	28	0	744	0
PS BUSINESS PKS INC CALIF	COM	69360J107	18	112	SH	DFND	28	0	112	0
PVH CORP	COM	693656100	1	12	SH	DFND	28	0	12	0
PTC INC	COM	69370C100	61	667	SH	DFND	28	0	667	0
PACCAR INC	COM	693718108	1	22	SH	DFND	28	0	22	0
PACKAGING CORP AMER	COM	695156109	277	2,784	SH	DFND	28	0	2,784	0
PALO ALTO NETWORKS INC	COM	697435105	318	1,308	SH	DFND	28	0	1,308	0
PARKER HANNIFIN CORP	COM	701094104	29	168	SH	DFND	28	0	168	0
PARSLEY ENERGY INC	CL A	701877102	80	4,159	SH	DFND	28	0	4,159	0
PAYCOM SOFTWARE INC	COM	70432V102	6	33	SH	DFND	28	0	33	0
PAYPAL HLDGS INC	COM	70450Y103	999	9,623	SH	DFND	28	0	9,623	0

PEBBLEBROOK HOTEL TR	COM	70509V100	10	309	SH	DFND	28	0	309	0
PENN NATL GAMING INC	COM	707569109	19	948	SH	DFND	28	0	948	0
PENN VA CORP NEW	COM	70788V102	3	65	SH	DFND	28	0	65	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	0	8	SH	DFND	28	0	8	0
PENUMBRA INC	COM	70975L107	30	203	SH	DFND	28	0	203	0
PEOPLES UTD FINL INC	COM	712704105	1	65	SH	DFND	28	0	65	0
PEPSICO INC	COM	713448108	385	3,139	SH	DFND	28	0	3,139	0
PERSPECTA INC	COM	715347100	0	17	SH	DFND	28	0	17	0
PFIZER INC	COM	717081103	185	4,363	SH	DFND	28	0	4,363	0
PHILIP MORRIS INTL INC	COM	718172109	332	3,751	SH	DFND	28	0	3,751	0
PHILLIPS 66	COM	718546104	199	2,093	SH	DFND	28	0	2,093	0
PHYSICIANS RLTY TR	COM	71943U104	118	6,250	SH	DFND	28	0	6,250	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	8	379	SH	DFND	28	0	379	0
PIMCO ETF TR	0-5 HIGH YIELD	72201R783	779	7,779	SH	DFND	28	0	7,779	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	128	2,334	SH	DFND	28	0	2,334	0
PINNACLE WEST CAP CORP	COM	723484101	13	141	SH	DFND	28	0	141	0
PIONEER NAT RES CO	COM	723787107	126	827	SH	DFND	28	0	827	0
PLANET FITNESS INC	CL A	72703H101	75	1,089	SH	DFND	28	0	1,089	0
PLEXUS CORP	COM	729132100	23	378	SH	DFND	28	0	378	0
PLURALSIGHT INC	COM CL A	72941B106	2	69	SH	DFND	28	0	69	0
POLARIS INDS INC	COM	731068102	86	1,019	SH	DFND	28	0	1,019	0
POOL CORPORATION	COM	73278L105	223	1,351	SH	DFND	28	0	1,351	0
PORTLAND GEN ELEC CO	COM NEW	736508847	115	2,218	SH	DFND	28	0	2,218	0
POWER INTEGRATIONS INC	COM	739276103	154	2,208	SH	DFND	28	0	2,208	0
PREMIER INC	CL A	74051N102	112	3,233	SH	DFND	28	0	3,233	0
PRICE T ROWE GROUP INC	COM	74144T108	9	87	SH	DFND	28	0	87	0
PRICESMART INC	COM	741511109	5	82	SH	DFND	28	0	82	0
PRIMERICA INC	COM	74164M108	65	530	SH	DFND	28	0	530	0
PRINCIPAL FINL GROUP INC	COM	74251V102	18	358	SH	DFND	28	0	358	0
PROASSURANCE CORP	COM	74267C106	2	66	SH	DFND	28	0	66	0
PROCTER AND GAMBLE CO	COM	742718109	193	1,858	SH	DFND	28	0	1,858	0
PROGENICS PHARMACEUTICALS IN	COM	743187106	0	31	SH	DFND	28	0	31	0
PROGRESS SOFTWARE CORP	COM	743312100	17	384	SH	DFND	28	0	384	0
PROGRESSIVE CORP OHIO	COM	743315103	644	8,933	SH	DFND	28	0	8,933	0
PROLOGIS INC	COM	74340W103	253	3,510	SH	DFND	28	0	3,510	0
PROOFPOINT INC	COM	743424103	23	186	SH	DFND	28	0	186	0
PROPETRO HLDG CORP	COM	74347M108	2	88	SH	DFND	28	0	88	0
PROSHARES TR	S&P 500 DV ARIST	74348A467	218	3,221	SH	DFND	28	0	3,221	0
PROSPERITY BANCSHARES INC	COM	743606105	172	2,484	SH	DFND	28	0	2,484	0
PROTO LABS INC	COM	743713109	3	26	SH	DFND	28	0	26	0
PRUDENTIAL FINL INC	COM	744320102	179	1,949	SH	DFND	28	0	1,949	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	14	244	SH	DFND	28	0	244	0
PUBLIC STORAGE	COM	74460D109	16	73	SH	DFND	28	0	73	0
QUAKER CHEM CORP	COM	747316107	272	1,358	SH	DFND	28	0	1,358	0
QTS RLTY TR INC	COM CL A	74736A103	64	1,412	SH	DFND	28	0	1,412	0
QORVO INC	COM	74736K101	5	72	SH	DFND	28	0	72	0
QUALCOMM INC	COM	747525103	245	4,289	SH	DFND	28	0	4,289	0
QUALYS INC	COM	74758T303	3	33	SH	DFND	28	0	33	0

QUANTA SVCS INC	COM	74762E102	4	95	SH	DFND	28	0	95	0
QUEST DIAGNOSTICS INC	COM	74834L100	21	232	SH	DFND	28	0	232	0
QUIDEL CORP	COM	74838J101	1	17	SH	DFND	28	0	17	0
RLI CORP	COM	749607107	47	652	SH	DFND	28	0	652	0
RPM INTL INC	COM	749685103	232	3,998	SH	DFND	28	0	3,998	0
RALPH LAUREN CORP	CL A	751212101	244	1,878	SH	DFND	28	0	1,878	0
RANGE RES CORP	COM	75281A109	1	50	SH	DFND	28	0	50	0
RAPID7 INC	COM	753422104	142	2,811	SH	DFND	28	0	2,811	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	125	1,552	SH	DFND	28	0	1,552	0
RAYTHEON CO	COM NEW	755111507	85	469	SH	DFND	28	0	469	0
RBC BEARINGS INC	COM	75524B104	217	1,707	SH	DFND	28	0	1,707	0
REALPAGE INC	COM	75606N109	35	578	SH	DFND	28	0	578	0
REALTY INCOME CORP	COM	756109104	95	1,286	SH	DFND	28	0	1,286	0
RED HAT INC	COM	756577102	77	421	SH	DFND	28	0	421	0
REGAL BELOIT CORP	COM	758750103	6	73	SH	DFND	28	0	73	0
REGENERON PHARMACEUTICALS	COM	75886F107	64	157	SH	DFND	28	0	157	0
REGIONS FINL CORP NEW	COM	7591EP100	1	39	SH	DFND	28	0	39	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	140	988	SH	DFND	28	0	988	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	1	7	SH	DFND	28	0	7	0
RENASANT CORP	COM	75970E107	16	459	SH	DFND	28	0	459	0
REPLIGEN CORP	COM	759916109	10	165	SH	DFND	28	0	165	0
REPUBLIC SVCS INC	COM	760759100	200	2,486	SH	DFND	28	0	2,486	0
RESMED INC	COM	761152107	134	1,285	SH	DFND	28	0	1,285	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1	39	SH	DFND	28	0	39	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	35	2,001	SH	DFND	28	0	2,001	0
RINGCENTRAL INC	CL A	76680R206	1	9	SH	DFND	28	0	9	0
RING ENERGY INC	COM	76680V108	12	2,106	SH	DFND	28	0	2,106	0
ROCKWELL AUTOMATION INC	COM	773903109	17	98	SH	DFND	28	0	98	0
ROLLINS INC	COM	775711104	5	120	SH	DFND	28	0	120	0
ROPER TECHNOLOGIES INC	COM	776696106	571	1,670	SH	DFND	28	0	1,670	0
ROSS STORES INC	COM	778296103	89	956	SH	DFND	28	0	956	0
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	425	6,642	SH	DFND	28	0	6,642	0
RUSH ENTERPRISES INC	CL A	781846209	20	468	SH	DFND	28	0	468	0
RYDER SYS INC	COM	783549108	74	1,188	SH	DFND	28	0	1,188	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	63	766	SH	DFND	28	0	766	0
S&P GLOBAL INC	COM	78409V104	35	168	SH	DFND	28	0	168	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	577	2,892	SH	DFND	28	0	2,892	0
SEI INVESTMENTS CO	COM	784117103	13	247	SH	DFND	28	0	247	0
SL GREEN RLTY CORP	COM	78440X101	14	159	SH	DFND	28	0	159	0
SPDR S&P 500 ETF TR	TR UNIT	78462F103	749	2,653	SH	DFND	28	0	2,653	0
SPDR INDEX SHS FDS	DJ GLB RL ES ETF	78463X749	39	786	SH	DFND	28	0	786	0
SPDR SERIES TRUST	BLOOMBERG BRCLYS	78464A417	259	7,187	SH	DFND	28	0	7,187	0
SPDR SERIES TRUST	PORTFOLIO SHORT	78464A474	296	9,684	SH	DFND	28	0	9,684	0
SPDR SERIES TRUST	BLOMBERG INTL TR	78464A516	10	365	SH	DFND	28	0	365	0

SPDR SERIES TRUST	DJ REIT ETF	78464A607	78	789	SH	DFND	28	0	789	0
SPDR SERIES TRUST	S&P DIVID ETF	78464A763	485	4,883	SH	DFND	28	0	4,883	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	220	3,462	SH	DFND	28	0	3,462	0
SRC ENERGY INC	COM	78470V108	16	3,067	SH	DFND	28	0	3,067	0
SVB FINL GROUP	COM	78486Q101	45	202	SH	DFND	28	0	202	0
SABRE CORP	COM	78573M104	33	1,528	SH	DFND	28	0	1,528	0
SAGE THERAPEUTICS INC	COM	78667J108	14	86	SH	DFND	28	0	86	0
SAIA INC	COM	78709Y105	18	298	SH	DFND	28	0	298	0
SAILPOINT TECHNLGIES HLDGS I	COM	78781P105	6	225	SH	DFND	28	0	225	0
SALESFORCE COM INC	COM	79466L302	646	4,082	SH	DFND	28	0	4,082	0
SANDERSON FARMS INC	COM	800013104	21	160	SH	DFND	28	0	160	0
SANDY SPRING BANCORP INC	COM	800363103	10	332	SH	DFND	28	0	332	0
SAP SE	SPON ADR	803054204	625	5,411	SH	DFND	28	0	5,411	0
SAREPTA THERAPEUTICS INC	COM	803607100	19	158	SH	DFND	28	0	158	0
HENRY SCHEIN INC	COM	806407102	12	193	SH	DFND	28	0	193	0
SCHLUMBERGER LTD	COM	806857108	468	10,746	SH	DFND	28	0	10,746	0
SCHOLASTIC CORP	COM	807066105	16	399	SH	DFND	28	0	399	0
THE CHARLES SCHWAB CORPORATI	COM	808513105	294	6,866	SH	DFND	28	0	6,866	0
SCHWAB STRATEGIC TR	US LCAP GR ETF	808524300	372	4,686	SH	DFND	28	0	4,686	0
SCOTTS MIRACLE GRO CO	CL A	810186106	80	1,024	SH	DFND	28	0	1,024	0
SEALED AIR CORP NEW	COM	81211K100	109	2,360	SH	DFND	28	0	2,360	0
SEATTLE GENETICS INC	COM	812578102	1	11	SH	DFND	28	0	11	0
SELECT SECTOR SPDR TR	SBI HEALTHCARE	81369Y209	4	44	SH	DFND	28	0	44	0
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	19	342	SH	DFND	28	0	342	0
SELECT SECTOR SPDR TR	SBI CONS DISCR	81369Y407	136	1,190	SH	DFND	28	0	1,190	0
SELECT SECTOR SPDR TR	SBI INT-FINL	81369Y605	4	153	SH	DFND	28	0	153	0
SELECT SECTOR SPDR TR	SBI INT-INDS	81369Y704	219	2,919	SH	DFND	28	0	2,919	0
SELECT SECTOR SPDR TR	TECHNOLOGY	81369Y803	94	1,270	SH	DFND	28	0	1,270	0
SELECTIVE INS GROUP INC	COM	816300107	64	1,017	SH	DFND	28	0	1,017	0
SEMPRA ENERGY	COM	816851109	12	96	SH	DFND	28	0	96	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	21	303	SH	DFND	28	0	303	0
SERVICE CORP INTL	COM	817565104	10	237	SH	DFND	28	0	237	0
SERVICENOW INC	COM	81762P102	69	281	SH	DFND	28	0	281	0
SHERWIN WILLIAMS CO	COM	824348106	351	815	SH	DFND	28	0	815	0
SHOPIFY INC	CL A	82509L107	275	1,332	SH	DFND	28	0	1,332	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	174	1,356	SH	DFND	28	0	1,356	0
SILICON LABORATORIES INC	COM	826919102	93	1,147	SH	DFND	28	0	1,147	0
SIMON PPTY GROUP INC NEW	COM	828806109	2	12	SH	DFND	28	0	12	0
SIMPLY GOOD FOODS CO	COM	82900L102	14	700	SH	DFND	28	0	700	0
SIRIUS XM HLDGS INC	COM	82968B103	2	366	SH	DFND	28	0	366	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	34	592	SH	DFND	28	0	592	0
SKYWORKS SOLUTIONS INC	COM	83088M102	19	236	SH	DFND	28	0	236	0
SMITH A O CORP	COM	831865209	21	392	SH	DFND	28	0	392	0
SNAP ON INC	COM	833034101	138	882	SH	DFND	28	0	882	0
SONOCO PRODS CO	COM	835495102	69	1,125	SH	DFND	28	0	1,125	0
SOTHEBYS	COM	835898107	1	26	SH	DFND	28	0	26	0
SOUTH JERSEY INDS INC	COM	838518108	12	367	SH	DFND	28	0	367	0

SOUTH ST CORP	COM	840441109	39	565	SH	DFND	28	0	565	0
SOUTHERN CO	COM	842587107	129	2,503	SH	DFND	28	0	2,503	0
SOUTHWEST AIRLS CO	COM	844741108	23	447	SH	DFND	28	0	447	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	18	220	SH	DFND	28	0	220	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	22	246	SH	DFND	28	0	246	0
SPLUNK INC	COM	848637104	200	1,602	SH	DFND	28	0	1,602	0
SPROUTS FMRS MKT INC	COM	85208M102	9	415	SH	DFND	28	0	415	0
SQUARE INC	CL A	852234103	2	26	SH	DFND	28	0	26	0
STAG INDL INC	COM	85254J102	15	515	SH	DFND	28	0	515	0
STANDARD MTR PRODS INC	COM	853666105	70	1,421	SH	DFND	28	0	1,421	0
STANDEX INTL CORP	COM	854231107	49	666	SH	DFND	28	0	666	0
STANLEY BLACK & DECKER INC	COM	854502101	8	59	SH	DFND	28	0	59	0
STARBUCKS CORP	COM	855244109	122	1,641	SH	DFND	28	0	1,641	0
STARWOOD PPTY TR INC	COM	85571B105	17	749	SH	DFND	28	0	749	0
STATE STR CORP	COM	857477103	12	184	SH	DFND	28	0	184	0
STEEL DYNAMICS INC	COM	858119100	4	117	SH	DFND	28	0	117	0
STERICYCLE INC	COM	858912108	47	863	SH	DFND	28	0	863	0
STERLING BANCORP DEL	COM	85917A100	37	1,993	SH	DFND	28	0	1,993	0
STIFEL FINL CORP	COM	860630102	118	2,233	SH	DFND	28	0	2,233	0
STRYKER CORP	COM	863667101	32	163	SH	DFND	28	0	163	0
STURM RUGER & CO INC	COM	864159108	12	228	SH	DFND	28	0	228	0
SUMITOMO MITSUI FINL GROUP I	SPONSORED ADR	86562M209	85	12,033	SH	DFND	28	0	12,033	0
SUMMIT HOTEL PPTYS INC	COM	866082100	106	9,270	SH	DFND	28	0	9,270	0
SUMMIT MATLS INC	CL A	86614U100	1	33	SH	DFND	28	0	33	0
SUN CMNTYS INC	COM	866674104	176	1,482	SH	DFND	28	0	1,482	0
SUNTRUST BKS INC	COM	867914103	72	1,209	SH	DFND	28	0	1,209	0
SUPERIOR ENERGY SVCS INC	COM	868157108	24	5,204	SH	DFND	28	0	5,204	0
SYKES ENTERPRISES INC	COM	871237103	18	638	SH	DFND	28	0	638	0
SYMANTEC CORP	COM	871503108	0	19	SH	DFND	28	0	19	0
SYNOPSYS INC	COM	871607107	231	2,003	SH	DFND	28	0	2,003	0
SYNOVUS FINL CORP	COM NEW	87161C501	12	358	SH	DFND	28	0	358	0
SYNNEX CORP	COM	87162W100	74	780	SH	DFND	28	0	780	0
SYNCHRONY FINL	COM	87165B103	0	4	SH	DFND	28	0	4	0
SYNEOS HEALTH INC	CL A	87166B102	96	1,863	SH	DFND	28	0	1,863	0
SYSCO CORP	COM	871829107	85	1,268	SH	DFND	28	0	1,268	0
TCF FINL CORP	COM	872275102	4	195	SH	DFND	28	0	195	0
TD AMERITRADE HLDG CORP	COM	87236Y108	186	3,713	SH	DFND	28	0	3,713	0
TJX COS INC NEW	COM	872540109	759	14,266	SH	DFND	28	0	14,266	0
T MOBILE US INC	COM	872590104	10	139	SH	DFND	28	0	139	0
TRI POINTE GROUP INC	COM	87265H109	14	1,116	SH	DFND	28	0	1,116	0
TABLEAU SOFTWARE INC	CL A	87336U105	44	346	SH	DFND	28	0	346	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	953	23,259	SH	DFND	28	0	23,259	0
TAKE-TWO INTERACTIVE SOFTWAR	COM	874054109	16	174	SH	DFND	28	0	174	0
TANDEM DIABETES CARE INC	COM NEW	875372203	9	143	SH	DFND	28	0	143	0
TAPESTRY INC	COM	876030107	160	4,910	SH	DFND	28	0	4,910	0
TARGET CORP	COM	87612E106	587	7,315	SH	DFND	28	0	7,315	0
TAUBMAN CTRS INC	COM	876664103	171	3,237	SH	DFND	28	0	3,237	0

TELADOC HEALTH INC	COM	87918A105	31	565	SH	DFND	28	0	565	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	12	50	SH	DFND	28	0	50	0
TERADYNE INC	COM	880770102	3	64	SH	DFND	28	0	64	0
TERNIUM SA	SPONSORED ADS	880890108	1	32	SH	DFND	28	0	32	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	9	593	SH	DFND	28	0	593	0
TETRA TECH INC NEW	COM	88162G103	69	1,160	SH	DFND	28	0	1,160	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	100	1,828	SH	DFND	28	0	1,828	0
TEXAS INSTRS INC	COM	882508104	332	3,127	SH	DFND	28	0	3,127	0
TEXAS ROADHOUSE INC	COM	882681109	117	1,889	SH	DFND	28	0	1,889	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	754	2,756	SH	DFND	28	0	2,756	0
THOR INDS INC	COM	885160101	34	549	SH	DFND	28	0	549	0
3M CO	COM	88579Y101	104	499	SH	DFND	28	0	499	0
TIMKEN CO	COM	887389104	32	741	SH	DFND	28	0	741	0
TOLL BROTHERS INC	COM	889478103	5	127	SH	DFND	28	0	127	0
TOPBUILD CORP	COM	89055F103	0	3	SH	DFND	28	0	3	0
TORCHMARK CORP	COM	891027104	4	48	SH	DFND	28	0	48	0
TORO CO	COM	891092108	209	3,042	SH	DFND	28	0	3,042	0
TOTAL SYS SVCS INC	COM	891906109	135	1,417	SH	DFND	28	0	1,417	0
TOWNEBANK PORTSMOUTH VA	COM	89214P109	14	557	SH	DFND	28	0	557	0
TRACTOR SUPPLY CO	COM	892356106	84	856	SH	DFND	28	0	856	0
TRANSUNION	COM	89400J107	3	42	SH	DFND	28	0	42	0
TRAVELERS COMPANIES INC	COM	89417E109	68	493	SH	DFND	28	0	493	0
TREEHOUSE FOODS INC	COM	89469A104	18	283	SH	DFND	28	0	283	0
TREX CO INC	COM	89531P105	31	512	SH	DFND	28	0	512	0
TRIMBLE INC	COM	896239100	25	628	SH	DFND	28	0	628	0
TRINITY INDS INC	COM	896522109	1	43	SH	DFND	28	0	43	0
TRIUMPH GROUP INC NEW	COM	896818101	16	859	SH	DFND	28	0	859	0
TRIPADVISOR INC	COM	896945201	1	20	SH	DFND	28	0	20	0
TRUEBLUE INC	COM	89785X101	20	839	SH	DFND	28	0	839	0
TRUSTMARK CORP	COM	898402102	21	626	SH	DFND	28	0	626	0
TWITTER INC	COM	90184L102	18	543	SH	DFND	28	0	543	0
2U INC	COM	90214J101	2	31	SH	DFND	28	0	31	0
TYLER TECHNOLOGIES INC	COM	902252105	146	712	SH	DFND	28	0	712	0
TYSON FOODS INC	CL A	902494103	11	159	SH	DFND	28	0	159	0
UGI CORP NEW	COM	902681105	5	98	SH	DFND	28	0	98	0
UMB FINL CORP	COM	902788108	31	483	SH	DFND	28	0	483	0
US BANCORP DEL	COM NEW	902973304	153	3,165	SH	DFND	28	0	3,165	0
U S PHYSICAL THERAPY INC	COM	90337L108	65	618	SH	DFND	28	0	618	0
ULTA BEAUTY INC	COM	90384S303	63	182	SH	DFND	28	0	182	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	213	645	SH	DFND	28	0	645	0
UMPQUA HLDGS CORP	COM	904214103	14	836	SH	DFND	28	0	836	0
UNIFIRST CORP MASS	COM	904708104	10	66	SH	DFND	28	0	66	0
UNILEVER PLC	SPON ADR NEW	904767704	291	5,038	SH	DFND	28	0	5,038	0
UNILEVER N V	N Y SHS NEW	904784709	73	1,257	SH	DFND	28	0	1,257	0
UNION BANKSHARES CORP NEW	COM	90539J109	25	784	SH	DFND	28	0	784	0
UNION PACIFIC CORP	COM	907818108	435	2,603	SH	DFND	28	0	2,603	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	18	713	SH	DFND	28	0	713	0

UNITED BANKSHARES INC WEST V	COM	909907107	52	1,448	SH	DFND	28	0	1,448	0
UNITED NAT FOODS INC	COM	911163103	0	31	SH	DFND	28	0	31	0
UNITED PARCEL SERVICE INC	CL B	911312106	356	3,188	SH	DFND	28	0	3,188	0
UNITED RENTALS INC	COM	911363109	170	1,490	SH	DFND	28	0	1,490	0
US FOODS HLDG CORP	COM	912008109	11	308	SH	DFND	28	0	308	0
UNITED TECHNOLOGIES CORP	COM	913017109	289	2,242	SH	DFND	28	0	2,242	0
UNITEDHEALTH GROUP INC	COM	91324P102	894	3,617	SH	DFND	28	0	3,617	0
UNIVERSAL DISPLAY CORP	COM	91347P105	58	380	SH	DFND	28	0	380	0
UNIVERSAL ELECTRS INC	COM	913483103	9	237	SH	DFND	28	0	237	0
VAIL RESORTS INC	COM	91879Q109	133	613	SH	DFND	28	0	613	0
VALERO ENERGY CORP NEW	COM	91913Y100	272	3,208	SH	DFND	28	0	3,208	0
VANGUARD STAR FD	VG TL INTL STK F	921909768	318	6,119	SH	DFND	28	0	6,119	0
VANGUARD ADMIRAL FDS INC	500 GRTH IDX F	921932505	290	1,874	SH	DFND	28	0	1,874	0
VANGUARD ADMIRAL FDS INC	500 VAL IDX FD	921932703	346	3,185	SH	DFND	28	0	3,185	0
VANGUARD BD INDEX FD INC	LONG TERM BOND	921937793	537	5,823	SH	DFND	28	0	5,823	0
VANGUARD BD INDEX FD INC	INTERMED TERM	921937819	928	11,061	SH	DFND	28	0	11,061	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND	921937827	804	10,108	SH	DFND	28	0	10,108	0
VANGUARD BD INDEX FD INC	TOTAL BND MRKT	921937835	191	2,353	SH	DFND	28	0	2,353	0
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF	921943858	2,053	50,232	SH	DFND	28	0	50,232	0
VANGUARD WHITEHALL FDS INC	HIGH DIV YLD	921946406	249	2,904	SH	DFND	28	0	2,904	0
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	801	14,357	SH	DFND	28	0	14,357	0
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	922042676	16	260	SH	DFND	28	0	260	0
VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US	922042775	264	5,274	SH	DFND	28	0	5,274	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	753	17,716	SH	DFND	28	0	17,716	0
VANGUARD WORLD FDS	CONSUM DIS ETF	92204A108	736	4,272	SH	DFND	28	0	4,272	0
VANGUARD WORLD FDS	INF TECH ETF	92204A702	568	2,833	SH	DFND	28	0	2,833	0
VANGUARD WORLD FDS	UTILITIES ETF	92204A876	225	1,735	SH	DFND	28	0	1,735	0
VANGUARD WORLD FDS	COMM SRVC ETF	92204A884	467	5,589	SH	DFND	28	0	5,589	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	1,135	14,235	SH	DFND	28	0	14,235	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW	92206C623	238	1,666	SH	DFND	28	0	1,666	0
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	92206C771	461	8,807	SH	DFND	28	0	8,807	0
VAREX IMAGING CORP	COM	92214X106	13	371	SH	DFND	28	0	371	0
VARIAN MED SYS INC	COM	92220P105	6	43	SH	DFND	28	0	43	0
VEEVA SYS INC	CL A COM	922475108	35	278	SH	DFND	28	0	278	0
VENTAS INC	COM	92276F100	95	1,488	SH	DFND	28	0	1,488	0
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	3,289	12,671	SH	DFND	28	0	12,671	0
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	60	687	SH	DFND	28	0	687	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	406	3,157	SH	DFND	28	0	3,157	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	437	2,716	SH	DFND	28	0	2,716	0
VANGUARD INDEX FDS	EXTEND MKT ETF	922908652	379	3,279	SH	DFND	28	0	3,279	0
VANGUARD INDEX FDS	GROWTH ETF	922908736	712	4,551	SH	DFND	28	0	4,551	0
VANGUARD INDEX FDS	VALUE ETF	922908744	529	4,916	SH	DFND	28	0	4,916	0
VANGUARD INDEX FDS	SMALL CP ETF	922908751	488	3,191	SH	DFND	28	0	3,191	0
VERIZON COMMUNICATIONS INC	COM	92343V104	479	8,103	SH	DFND	28	0	8,103	0
VERISK ANALYTICS INC	COM	92345Y106	155	1,164	SH	DFND	28	0	1,164	0

VERTEX PHARMACEUTICALS INC	COM	92532F100	79	430	SH	DFND	28	0	430	0
VERSUM MATLS INC	COM	92532W103	1	14	SH	DFND	28	0	14	0
VIAVI SOLUTIONS INC	COM	925550105	19	1,524	SH	DFND	28	0	1,524	0
VISA INC	COM CL A	92826C839	1,593	10,197	SH	DFND	28	0	10,197	0
VIRTUSA CORP	COM	92827P102	22	404	SH	DFND	28	0	404	0
VISTEON CORP	COM NEW	92839U206	2	35	SH	DFND	28	0	35	0
VMWARE INC	CL A COM	928563402	568	3,147	SH	DFND	28	0	3,147	0
VOCERA COMMUNICATIONS INC	COM	92857F107	4	121	SH	DFND	28	0	121	0
VORNADO RLTY TR	SH BEN INT	929042109	4	57	SH	DFND	28	0	57	0
VULCAN MATLS CO	COM	929160109	2	14	SH	DFND	28	0	14	0
WD-40 CO	COM	929236107	81	476	SH	DFND	28	0	476	0
WABCO HLDGS INC	COM	92927K102	108	823	SH	DFND	28	0	823	0
WEC ENERGY GROUP INC	COM	92939U106	117	1,483	SH	DFND	28	0	1,483	0
WABTEC CORP	COM	929740108	121	1,647	SH	DFND	28	0	1,647	0
WAGEWORKS INC	COM	930427109	3	70	SH	DFND	28	0	70	0
WALMART INC	COM	931142103	549	5,630	SH	DFND	28	0	5,630	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	39	620	SH	DFND	28	0	620	0
WASTE CONNECTIONS INC	COM	94106B101	78	876	SH	DFND	28	0	876	0
WASTE MGMT INC DEL	COM	94106L109	49	471	SH	DFND	28	0	471	0
WATERS CORP	COM	941848103	58	231	SH	DFND	28	0	231	0
WATSCO INC	COM	942622200	16	114	SH	DFND	28	0	114	0
WEBSTER FINL CORP CONN	COM	947890109	123	2,430	SH	DFND	28	0	2,430	0
WELLCARE HEALTH PLANS INC	COM	94946T106	5	20	SH	DFND	28	0	20	0
WELLS FARGO CO NEW	COM	949746101	107	2,218	SH	DFND	28	0	2,218	0
WELLTOWER INC	COM	95040Q104	110	1,420	SH	DFND	28	0	1,420	0
WESBANCO INC	COM	950810101	20	498	SH	DFND	28	0	498	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	284	2,577	SH	DFND	28	0	2,577	0
WESTERN ALLIANCE BANCORP	COM	957638109	133	3,241	SH	DFND	28	0	3,241	0
WEX INC	COM	96208T104	1	4	SH	DFND	28	0	4	0
WEYERHAEUSER CO	COM	962166104	110	4,174	SH	DFND	28	0	4,174	0
WHIRLPOOL CORP	COM	963320106	6	45	SH	DFND	28	0	45	0
WILLIAMS COS INC DEL	COM	969457100	32	1,106	SH	DFND	28	0	1,106	0
WINGSTOP INC	COM	974155103	27	361	SH	DFND	28	0	361	0
WISDOMTREE TR	EMER MKT HIGH FD	97717W315	71	1,613	SH	DFND	28	0	1,613	0
WOLVERINE WORLD WIDE INC	COM	978097103	24	663	SH	DFND	28	0	663	0
WOODWARD INC	COM	980745103	86	903	SH	DFND	28	0	903	0
WORKIVA INC	COM CL A	98139A105	13	247	SH	DFND	28	0	247	0
WORLDPAY INC	CL A	981558109	1	7	SH	DFND	28	0	7	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	3	32	SH	DFND	28	0	32	0
WYNDHAM DESTINATIONS INC	COM	98310W108	6	153	SH	DFND	28	0	153	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	9	179	SH	DFND	28	0	179	0
WYNN RESORTS LTD	COM	983134107	16	134	SH	DFND	28	0	134	0
XCEL ENERGY INC	COM	98389B100	11	204	SH	DFND	28	0	204	0
XILINX INC	COM	983919101	468	3,691	SH	DFND	28	0	3,691	0
XYLEM INC	COM	98419M100	13	159	SH	DFND	28	0	159	0
YUM BRANDS INC	COM	988498101	15	150	SH	DFND	28	0	150	0

YUM CHINA HLDGS INC	COM	98850P109	163	3,633	SH	DFND	28	0	3,633	0
ZAYO GROUP HLDGS INC	COM	98919V105	8	287	SH	DFND	28	0	287	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	694	3,311	SH	DFND	28	0	3,311	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	1	19	SH	DFND	28	0	19	0
ZOGENIX INC	COM NEW	98978L204	2	31	SH	DFND	28	0	31	0
ZOETIS INC	CL A	98978V103	848	8,428	SH	DFND	28	0	8,428	0
ALLEGION PUB LTD CO	ORD SHS	G0176J109	1	15	SH	DFND	28	0	15	0
ALLERGAN PLC	SHS	G0177J108	58	397	SH	DFND	28	0	397	0
AON PLC	SHS CL A	G0408V102	48	282	SH	DFND	28	0	282	0
ARCH CAP GROUP LTD	ORD	G0450A105	9	273	SH	DFND	28	0	273	0
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	53	745	SH	DFND	28	0	745	0
ARRIS INTERNATIONAL PLC	SHS	G0551A103	0	1	SH	DFND	28	0	1	0
AXIS CAPITAL HOLDINGS LTD	SHS	G0692U109	4	69	SH	DFND	28	0	69	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	404	2,294	SH	DFND	28	0	2,294	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	22	486	SH	DFND	28	0	486	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	38	740	SH	DFND	28	0	740	0
EATON CORP PLC	SHS	G29183103	182	2,257	SH	DFND	28	0	2,257	0
ENDO INTL PLC	SHS	G30401106	0	45	SH	DFND	28	0	45	0
ENSTAR GROUP LIMITED	SHS	G3075P101	6	34	SH	DFND	28	0	34	0
EVEREST RE GROUP LTD	COM	G3223R108	12	55	SH	DFND	28	0	55	0
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	12	456	SH	DFND	28	0	456	0
GENPACT LIMITED	SHS	G3922B107	265	7,533	SH	DFND	28	0	7,533	0
HORIZON PHARMA PLC	SHS	G4617B105	37	1,386	SH	DFND	28	0	1,386	0
IHS MARKIT LTD	SHS	G47567105	153	2,808	SH	DFND	28	0	2,808	0
INGERSOLL-RAND PLC	SHS	G47791101	314	2,910	SH	DFND	28	0	2,910	0
INVESCO LTD	SHS	G491BT108	24	1,219	SH	DFND	28	0	1,219	0
JAMES RIV GROUP LTD	COM	G5005R107	93	2,317	SH	DFND	28	0	2,317	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	87	607	SH	DFND	28	0	607	0
JOHNSON CTLS INTL PLC	SHS	G51502105	189	5,128	SH	DFND	28	0	5,128	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	9	379	SH	DFND	28	0	379	0
LINDE PLC	COM	G5494J103	467	2,655	SH	DFND	28	0	2,655	0
LIVANOVA PLC	SHS	G5509L101	7	68	SH	DFND	28	0	68	0
MEDTRONIC PLC	SHS	G5960L103	339	3,727	SH	DFND	28	0	3,727	0
APTIV PLC	SHS	G6095L109	55	696	SH	DFND	28	0	696	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	4	185	SH	DFND	28	0	185	0
NVENT ELECTRIC PLC	SHS	G6700G107	0	10	SH	DFND	28	0	10	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	63	442	SH	DFND	28	0	442	0
PENTAIR PLC	SHS	G7S00T104	0	9	SH	DFND	28	0	9	0
STERIS PLC	SHS USD	G8473T100	357	2,789	SH	DFND	28	0	2,789	0
TRITON INTL LTD	CL A	G9078F107	0	6	SH	DFND	28	0	6	0
CHUBB LIMITED	COM	H1467J104	426	3,043	SH	DFND	28	0	3,043	0
TE CONNECTIVITY LTD	REG SHS	H84989104	113	1,404	SH	DFND	28	0	1,404	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	573	4,530	SH	DFND	28	0	4,530	0
AERCAP HOLDINGS NV	SHS	N00985106	61	1,314	SH	DFND	28	0	1,314	0
CORE LABORATORIES N V	COM	N22717107	65	944	SH	DFND	28	0	944	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	15	180	SH	DFND	28	0	180	0
NXP SEMICONDUCTORS N V	COM	N6596X109	269	3,045	SH	DFND	28	0	3,045	0

QIAGEN NV	SHS NEW	N72482123	9	211	SH	DFND	28	0	211	0
WRIGHT MED GROUP N V	ORD SHS	N96617118	0	11	SH	DFND	28	0	11	0
YANDEX N V	SHS CLASS A	N97284108	219	6,375	SH	DFND	28	0	6,375	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	50	438	SH	DFND	28	0	438	0
ANTERO MIDSTREAM CORP	COM	03676B102	85	6,150	SH	DFND	14	6,150	0	0
GARDNER DENVER HLDGS INC	COM	36555P107	153	5,500	SH	DFND	14	5,500	0	0
MORNINGSTAR INC	COM	617700109	158	1,253	SH	DFND	14	1,253	0	0
WORKIVA INC	COM CL A	98139A105	191	3,764	SH	DFND	14	3,410	354	0