

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.

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: 09-30-2019

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: 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

[Signature]

Newark, NJ

[City, State]

08-05-2021

[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 and PGIM Securities Investment Trust Enterprise, which previously reported an accurate list of reportable 13F securities.

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: 3

Form 13F Information Table Entry Total: 1,232

Form 13F Information Table Value Total: 306,333

(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.
18	028-17205	PGIM SECURITIES INVESTMENT TRUST ENTERPRISE

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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 PRN AMT	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 0006	00090Q103	3	529	SH DFND	28	0 529 0
AFLAC INC	COM 0052	001055102	52	997	SH DFND	28	0 997 0
AGNC INVT CORP	COM 0016	00123Q104	12	717	SH DFND	28	0 717 0
AES CORP	COM 0016	00130H105	175	10,707	SH DFND	28	0 10,707 0
ALPS ETF TR	ALERIAN MLP 0009	00162Q866	172	18,831	SH DFND	28	0 18,831 0
AMC NETWORKS INC	CL A 0049	00164V103	0	7	SH DFND	28	0 7 0
AMN HEALTHCARE SERVICES INC	COM 0057	001744101	65	1,125	SH DFND	28	0 1,125 0
AT&T INC	COM 0037	00206R102	390	10,319	SH DFND	28	0 10,319 0
ABBOTT LABS	COM 0083	002824100	469	5,601	SH DFND	28	0 5,601 0
ABBVIE INC	COM 0075	00287Y109	495	6,536	SH DFND	28	0 6,536 0
ABIOMED INC	COM 0177	003654100	25	138	SH DFND	28	0 138 0
ACADIA HEALTHCARE COMPANY IN	COM 0031	00404A109	84	2,690	SH DFND	28	0 2,690 0
ACADIA PHARMACEUTICALS INC	COM 0035	004225108	6	158	SH DFND	28	0 158 0
ACADIA RLTY TR	COM SH BEN INT 0028	004239109	1	50	SH DFND	28	0 50 0
ACTIVISION BLIZZARD INC	COM 0052	00507V109	112	2,110	SH DFND	28	0 2,110 0
ACUITY BRANDS INC	COM 0134	00508Y102	63	471	SH DFND	28	0 471 0
ADOBE INC	COM 0276	00724F101	1,101	3,985	SH DFND	28	0 3,985 0
ADVANCE AUTO PARTS INC	COM 0165	00751Y106	258	1,560	SH DFND	28	0 1,560 0
ADVANSIX INC	COM 0025	00773T101	0	3	SH DFND	28	0 3 0
AEROJET ROCKETDYNE HLDGS INC	COM 0050	007800105	33	658	SH DFND	28	0 658 0
ADVANCED MICRO DEVICES INC	COM 0028	007903107	3	93	SH DFND	28	0 93 0
ADVANCED ENERGY INDS	COM 0057	007973100	60	1,046	SH DFND	28	0 1,046 0
AGILENT TECHNOLOGIES INC	COM 0076	00846U101	221	2,888	SH DFND	28	0 2,888 0
AGREE REALTY CORP	COM 0073	008492100	26	351	SH DFND	28	0 351 0
AIR LEASE CORP	CL A 0041	00912X302	76	1,819	SH DFND	28	0 1,819 0
AIR PRODS & CHEMS INC	COM 0221	009158106	33	149	SH DFND	28	0 149 0
AKAMAI TECHNOLOGIES INC	COM 0091	00971T101	760	8,318	SH DFND	28	0 8,318 0
ALARM COM HLDGS INC	COM 0046	011642105	8	176	SH DFND	28	0 176 0
ALASKA AIR GROUP INC	COM 0064	011659109	5	77	SH DFND	28	0 77 0
ALBANY INTL CORP	CL A 0090	012348108	7	78	SH DFND	28	0 78 0
ALBEMARLE CORP	COM 0069	012653101	60	857	SH DFND	28	0 857 0

ALEXANDRIA REAL ESTATE EQ IN	COM 0154	015271109	130	842	SH	DFND	28	0	842	0
ALEXION PHARMACEUTICALS INC	COM 0097	015351109	197	2,016	SH	DFND	28	0	2,016	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS 0167	01609W102	557	3,328	SH	DFND	28	0	3,328	0
ALIGN TECHNOLOGY INC	COM 0180	016255101	31	174	SH	DFND	28	0	174	0
ALLEGHENY TECHNOLOGIES INC	COM 0020	01741R102	75	3,707	SH	DFND	28	0	3,707	0
ALLIANCE DATA SYSTEMS CORP	COM 0128	018581108	2	14	SH	DFND	28	0	14	0
ALLISON TRANSMISSION HLDGS I	COM 0047	01973R101	240	5,102	SH	DFND	28	0	5,102	0
ALLSTATE CORP	COM 0108	020002101	311	2,860	SH	DFND	28	0	2,860	0
ALLY FINL INC	COM 0033	02005N100	206	6,221	SH	DFND	28	0	6,221	0
ALPHABET INC	CAP STK CL C 1219	02079K107	1,936	1,588	SH	DFND	28	0	1,588	0
ALPHABET INC	CAP STK CL A 1221	02079K305	865	708	SH	DFND	28	0	708	0
ALTICE USA INC	CL A 0028	02156K103	18	620	SH	DFND	28	0	620	0
ALTRA INDL MOTION CORP	COM 0027	02208R106	2	82	SH	DFND	28	0	82	0
ALTRIA GROUP INC	COM 0040	02209S103	98	2,400	SH	DFND	28	0	2,400	0
AMAZON COM INC	COM 1735	023135106	2,296	1,322	SH	DFND	28	0	1,322	0
AMBEV SA	SPONSORED ADR 0004	02319V103	267	57,707	SH	DFND	28	0	57,707	0
AMEDISYS INC	COM 0131	023436108	6	48	SH	DFND	28	0	48	0
AMERCO	COM 0390	023586100	2	5	SH	DFND	28	0	5	0
AMEREN CORP	COM 0080	023608102	34	424	SH	DFND	28	0	424	0
AMERICAN CAMPUS CMNTYS INC	COM 0048	024835100	215	4,467	SH	DFND	28	0	4,467	0
AMERICAN ELEC PWR CO INC	COM 0093	025537101	63	674	SH	DFND	28	0	674	0
AMERICAN EQTY INVT LIFE HLD	COM 0024	025676206	56	2,302	SH	DFND	28	0	2,302	0
AMERICAN EXPRESS CO	COM 0118	025816109	318	2,688	SH	DFND	28	0	2,688	0
AMERICAN HOMES 4 RENT	CL A 0025	02665T306	1	41	SH	DFND	28	0	41	0
AMERICAN INTL GROUP INC	COM NEW 0055	026874784	374	6,719	SH	DFND	28	0	6,719	0
AMERICAN STS WTR CO	COM 0089	029899101	91	1,010	SH	DFND	28	0	1,010	0
AMERICAN TOWER CORP NEW	COM 0221	03027X100	706	3,192	SH	DFND	28	0	3,192	0
AMERICAN WTR WKS CO INC NEW	COM 0124	030420103	16	125	SH	DFND	28	0	125	0
AMERICAN WOODMARK CORPORATIO	COM 0088	030506109	32	362	SH	DFND	28	0	362	0
AMERICOLD RLTY TR	COM 0037	03064D108	228	6,140	SH	DFND	28	0	6,140	0
AMERISAFE INC	COM 0066	03071H100	52	790	SH	DFND	28	0	790	0
AMERISOURCEBERGEN CORP	COM 0082	03073E105	109	1,329	SH	DFND	28	0	1,329	0
AMERIPRISE FINL INC	COM 0147	03076C106	163	1,109	SH	DFND	28	0	1,109	0
AMETEK INC NEW	COM 0091	031100100	386	4,199	SH	DFND	28	0	4,199	0
AMGEN INC	COM 0193	031162100	547	2,828	SH	DFND	28	0	2,828	0
AMICUS THERAPEUTICS INC	COM 0008	03152W109	2	272	SH	DFND	28	0	272	0
AMPHENOL CORP NEW	CL A 0096	032095101	597	6,182	SH	DFND	28	0	6,182	0
ANALOG DEVICES INC	COM 0111	032654105	9	84	SH	DFND	28	0	84	0
ANGIODYNAMICS INC	COM 0018	03475V101	16	891	SH	DFND	28	0	891	0
ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR 0095	03524A108	280	2,938	SH	DFND	28	0	2,938	0
ANIKA THERAPEUTICS INC	COM 0054	035255108	3	56	SH	DFND	28	0	56	0
ANIXTER INTL INC	COM 0069	035290105	28	402	SH	DFND	28	0	402	0

ANSYS INC	COM 0221	03662Q105	308	1,393	SH	DFND	28	0	1,393	0
ANTHEM INC	COM 0240	036752103	478	1,989	SH	DFND	28	0	1,989	0
ANTERO MIDSTREAM CORP	COM 0007	03676B102	1	74	SH	DFND	28	0	74	0
APACHE CORP	COM 0025	037411105	8	319	SH	DFND	28	0	319	0
APARTMENT INVT & MGMT CO	CL A 0052	03748R754	1	19	SH	DFND	28	0	19	0
APERGY CORP	COM 0027	03755L104	48	1,772	SH	DFND	28	0	1,772	0
APPLE INC	COM 0223	037833100	1,701	7,596	SH	DFND	28	0	7,596	0
APPLIED INDL TECHNOLOGIES IN	COM 0056	03820C105	172	3,025	SH	DFND	28	0	3,025	0
APPLIED MATLS INC	COM 0049	038222105	194	3,882	SH	DFND	28	0	3,882	0
APTARGROUP INC	COM 0118	038336103	109	919	SH	DFND	28	0	919	0
AQUA AMERICA INC	COM 0044	03836W103	1	23	SH	DFND	28	0	23	0
ARAMARK	COM 0043	03852U106	1	29	SH	DFND	28	0	29	0
ARCHER DANIELS MIDLAND CO	COM 0041	039483102	1	14	SH	DFND	28	0	14	0
ARCOSA INC	COM 0034	039653100	0	10	SH	DFND	28	0	10	0
ARCONIC INC	COM 0026	03965L100	245	9,420	SH	DFND	28	0	9,420	0
ARENA PHARMACEUTICALS INC	COM NEW 0045	040047607	5	115	SH	DFND	28	0	115	0
ARISTA NETWORKS INC	COM 0238	040413106	62	259	SH	DFND	28	0	259	0
ARQULE INC	COM 0007	04269E107	4	573	SH	DFND	28	0	573	0
ARROW ELECTRS INC	COM 0074	042735100	33	441	SH	DFND	28	0	441	0
ARTISAN PARTNERS ASSET MGMT	CL A 0028	04316A108	44	1,554	SH	DFND	28	0	1,554	0
ASPEN TECHNOLOGY INC	COM 0123	045327103	132	1,074	SH	DFND	28	0	1,074	0
ATLANTIC UN BANKSHARES CORP	COM 0037	04911A107	135	3,626	SH	DFND	28	0	3,626	0
ATMOS ENERGY CORP	COM 0113	049560105	72	631	SH	DFND	28	0	631	0
AUTODESK INC	COM 0147	052769106	653	4,421	SH	DFND	28	0	4,421	0
AUTOMATIC DATA PROCESSING IN	COM 0161	053015103	493	3,051	SH	DFND	28	0	3,051	0
AUTOZONE INC	COM 1084	053332102	31	29	SH	DFND	28	0	29	0
AVALONBAY CMNTYS INC	COM 0215	053484101	8	37	SH	DFND	28	0	37	0
AVANOS MED INC	COM 0037	05350V106	1	25	SH	DFND	28	0	25	0
AVANGRID INC	COM 0052	05351W103	6	120	SH	DFND	28	0	120	0
AVERY DENNISON CORP	COM 0113	053611109	188	1,660	SH	DFND	28	0	1,660	0
AVISTA CORP	COM 0048	05379B107	19	396	SH	DFND	28	0	396	0
AVNET INC	COM 0044	053807103	52	1,169	SH	DFND	28	0	1,169	0
AXON ENTERPRISE INC	COM 0056	05464C101	0	7	SH	DFND	28	0	7	0
BB&T CORP	COM 0053	054937107	50	932	SH	DFND	28	0	932	0
BGC PARTNERS INC	CL A 0005	05541T101	13	2,379	SH	DFND	28	0	2,379	0
BJS WHSL CLUB HLDGS INC	COM 0025	05550J101	113	4,356	SH	DFND	28	0	4,356	0
BOK FINL CORP	COM NEW 0079	05561Q201	103	1,298	SH	DFND	28	0	1,298	0
BP PLC	SPONSORED ADR 0037	055622104	274	7,218	SH	DFND	28	0	7,218	0
BWX TECHNOLOGIES INC	COM 0057	05605H100	381	6,657	SH	DFND	28	0	6,657	0
BADGER METER INC	COM 0053	056525108	111	2,063	SH	DFND	28	0	2,063	0
BAIDU INC	SPON ADR REP A 0102	056752108	254	2,471	SH	DFND	28	0	2,471	0
BAKER HUGHES A GE CO	CL A 0023	05722G100	9	369	SH	DFND	28	0	369	0
BALCHEM CORP	COM 0099	057665200	30	305	SH	DFND	28	0	305	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR 0005	05946K101	339	65,100	SH	DFND	28	0	65,100	0

BANK AMER CORP	COM 0029	060505104	372	12,761	SH	DFND	28	0	12,761	0
BANK HAWAII CORP	COM 0085	062540109	41	473	SH	DFND	28	0	473	0
BANK NEW YORK MELLON CORP	COM 0045	064058100	13	286	SH	DFND	28	0	286	0
BANK OZK	COM 0027	06417N103	59	2,164	SH	DFND	28	0	2,164	0
BARNES GROUP INC	COM 0051	067806109	40	780	SH	DFND	28	0	780	0
BAXTER INTL INC	COM 0087	071813109	658	7,524	SH	DFND	28	0	7,524	0
BECTON DICKINSON & CO	COM 0252	075887109	74	293	SH	DFND	28	0	293	0
BENCHMARK ELECTRS INC	COM 0029	08160H101	24	818	SH	DFND	28	0	818	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW 0208	084670702	102	490	SH	DFND	28	0	490	0
BERRY GLOBAL GROUP INC	COM 0039	08579W103	68	1,723	SH	DFND	28	0	1,723	0
BEST BUY INC	COM 0068	086516101	9	134	SH	DFND	28	0	134	0
BIG LOTS INC	COM 0024	089302103	16	656	SH	DFND	28	0	656	0
BIO RAD LABS INC	CL A 0332	090572207	242	727	SH	DFND	28	0	727	0
BIOMARIN PHARMACEUTICAL INC	COM 0067	09061G101	132	1,958	SH	DFND	28	0	1,958	0
BIOGEN INC	COM 0232	09062X103	36	156	SH	DFND	28	0	156	0
BIOTELEMETRY INC	COM 0040	090672106	2	39	SH	DFND	28	0	39	0
BIO TECHNE CORP	COM 0195	09073M104	2	10	SH	DFND	28	0	10	0
BJS RESTAURANTS INC	COM 0038	09180C106	88	2,275	SH	DFND	28	0	2,275	0
BLACK HILLS CORP	COM 0076	092113109	19	250	SH	DFND	28	0	250	0
BLACK KNIGHT INC	COM 0061	09215C105	135	2,212	SH	DFND	28	0	2,212	0
BLACKBAUD INC	COM 0090	09227Q100	35	386	SH	DFND	28	0	386	0
BLACKLINE INC	COM 0047	09239B109	2	34	SH	DFND	28	0	34	0
BLACKROCK INC	COM 0445	09247X101	263	590	SH	DFND	28	0	590	0
BLACKSTONE MTG TR INC	COM CL A 0035	09257W100	10	265	SH	DFND	28	0	265	0
BLOOMIN BRANDS INC	COM 0018	094235108	71	3,743	SH	DFND	28	0	3,743	0
BLUEBIRD BIO INC	COM 0091	09609G100	7	76	SH	DFND	28	0	76	0
BLUEPRINT MEDICINES CORP	COM 0073	09627Y109	17	238	SH	DFND	28	0	238	0
BOEING CO	COM 0380	097023105	163	428	SH	DFND	28	0	428	0
BOOKING HLDGS INC	COM 1962	09857L108	572	291	SH	DFND	28	0	291	0
BOOZ ALLEN HAMILTON HLDG COR	CL A 0071	099502106	312	4,393	SH	DFND	28	0	4,393	0
BORGWARNER INC	COM 0036	099724106	85	2,331	SH	DFND	28	0	2,331	0
BOSTON BEER INC	CL A 0364	100557107	4	11	SH	DFND	28	0	11	0
BOSTON PROPERTIES INC	COM 0129	101121101	41	314	SH	DFND	28	0	314	0
BOSTON SCIENTIFIC CORP	COM 0040	101137107	141	3,461	SH	DFND	28	0	3,461	0
BOX INC	CL A 0016	10316T104	3	187	SH	DFND	28	0	187	0
BOYD GAMING CORP	COM 0023	103304101	1	24	SH	DFND	28	0	24	0
BRANDYWINE RLTY TR	SH BEN INT NEW 0015	105368203	1	36	SH	DFND	28	0	36	0
BRIGHT HORIZONS FAM SOL IN D	COM 0152	109194100	12	79	SH	DFND	28	0	79	0
BRINKS CO	COM 0082	109696104	24	290	SH	DFND	28	0	290	0
BRISTOL MYERS SQUIBB CO	COM 0050	110122108	225	4,433	SH	DFND	28	0	4,433	0
BRIXMOR PPTY GROUP INC	COM 0020	11120U105	10	493	SH	DFND	28	0	493	0
BROADRIDGE FINL SOLUTIONS IN	COM 0124	11133T103	188	1,515	SH	DFND	28	0	1,515	0
BROADCOM INC	COM 0276	11135F101	177	643	SH	DFND	28	0	643	0
BROOKS AUTOMATION INC	COM 0037	114340102	4	115	SH	DFND	28	0	115	0
BROWN FORMAN CORP	CL B 0062	115637209	331	5,276	SH	DFND	28	0	5,276	0

BUILDERS FIRSTSOURCE INC	COM 0020	12008R107	14	699	SH	DFND	28	0	699	0
BURLINGTON STORES INC	COM 0199	122017106	368	1,840	SH	DFND	28	0	1,840	0
CBS CORP NEW	CL B 0040	124857202	3	62	SH	DFND	28	0	62	0
CBOE GLOBAL MARKETS INC	COM 0114	12503M108	18	156	SH	DFND	28	0	156	0
CBRE GROUP INC	CL A 0053	12504L109	547	10,310	SH	DFND	28	0	10,310	0
CDK GLOBAL INC	COM 0048	12508E101	3	54	SH	DFND	28	0	54	0
CDW CORP	COM 0123	12514G108	463	3,753	SH	DFND	28	0	3,753	0
CF INDS HLDGS INC	COM 0049	125269100	31	621	SH	DFND	28	0	621	0
C H ROBINSON WORLDWIDE INC	COM NEW 0084	12541W209	113	1,337	SH	DFND	28	0	1,337	0
CIGNA CORP NEW	COM 0151	125523100	75	491	SH	DFND	28	0	491	0
CME GROUP INC	COM 0211	12572Q105	71	337	SH	DFND	28	0	337	0
CMS ENERGY CORP	COM 0063	125896100	28	443	SH	DFND	28	0	443	0
CSX CORP	COM 0069	126408103	207	2,988	SH	DFND	28	0	2,988	0
CTS CORP	COM 0032	126501105	21	643	SH	DFND	28	0	643	0
CVB FINL CORP	COM 0020	126600105	15	713	SH	DFND	28	0	713	0
CVS HEALTH CORP	COM 0063	126650100	168	2,656	SH	DFND	28	0	2,656	0
CABLE ONE INC	COM 1254	12685J105	123	98	SH	DFND	28	0	98	0
CABOT CORP	COM 0045	127055101	39	860	SH	DFND	28	0	860	0
CABOT OIL & GAS CORP	COM 0017	127097103	3	182	SH	DFND	28	0	182	0
CABOT MICROELECTRONICS CORP	COM 0141	12709P103	208	1,476	SH	DFND	28	0	1,476	0
CACI INTL INC	CL A 0231	127190304	87	377	SH	DFND	28	0	377	0
CACTUS INC	CL A 0028	127203107	21	733	SH	DFND	28	0	733	0
CADENCE DESIGN SYSTEM INC	COM 0066	127387108	7	99	SH	DFND	28	0	99	0
CADENCE BANCORPORATION	CL A 0017	12739A100	3	155	SH	DFND	28	0	155	0
CAESARS ENTMT CORP	COM 0011	127686103	1	76	SH	DFND	28	0	76	0
CALAMP CORP	COM 0011	128126109	14	1,233	SH	DFND	28	0	1,233	0
CALAVO GROWERS INC	COM 0095	128246105	90	942	SH	DFND	28	0	942	0
CALLON PETE CO DEL	COM 0004	13123X102	13	2,893	SH	DFND	28	0	2,893	0
CAMBREX CORP	COM 0059	132011107	4	68	SH	DFND	28	0	68	0
CAMDEN PPTY TR	SH BEN INT 0111	133131102	1	9	SH	DFND	28	0	9	0
CANADIAN NATL RY CO	COM 0089	136375102	548	6,094	SH	DFND	28	0	6,094	0
CANADIAN PAC RY LTD	COM 0222	13645T100	324	1,456	SH	DFND	28	0	1,456	0
CANTEL MEDICAL CORP	COM 0074	138098108	67	894	SH	DFND	28	0	894	0
CAPITAL ONE FINL CORP	COM 0090	14040H105	4	45	SH	DFND	28	0	45	0
CARDINAL HEALTH INC	COM 0047	14149Y108	75	1,592	SH	DFND	28	0	1,592	0
CARLISLE COS INC	COM 0145	142339100	1	6	SH	DFND	28	0	6	0
CARMAX INC	COM 0088	143130102	244	2,775	SH	DFND	28	0	2,775	0
CARNIVAL CORP	UNIT 99/99/9999 0043	143658300	5	118	SH	DFND	28	0	118	0
CARPENTER TECHNOLOGY CORP	COM 0051	144285103	26	500	SH	DFND	28	0	500	0
CARRIZO OIL & GAS INC	COM 0008	144577103	11	1,295	SH	DFND	28	0	1,295	0
CARTERS INC	COM 0091	146229109	111	1,218	SH	DFND	28	0	1,218	0
CASELLA WASTE SYS INC	CL A 0042	147448104	14	325	SH	DFND	28	0	325	0
CASEYS GEN STORES INC	COM 0161	147528103	456	2,830	SH	DFND	28	0	2,830	0
CATALENT INC	COM 0047	148806102	192	4,027	SH	DFND	28	0	4,027	0
CATERPILLAR INC DEL	COM 0126	149123101	21	170	SH	DFND	28	0	170	0
CAVCO INDS INC DEL	COM 0192	149568107	181	944	SH	DFND	28	0	944	0
CELANESE CORP DEL	COM 0122	150870103	11	87	SH	DFND	28	0	87	0

CELGENE CORP	COM 0099	151020104	50	507	SH	DFND	28	0	507	0
CENTENE CORP DEL	COM 0043	15135B101	341	7,877	SH	DFND	28	0	7,877	0
CENTENNIAL RESOURCE DEV INC	CL A 0004	15136A102	0	45	SH	DFND	28	0	45	0
CENTERPOINT ENERGY INC	COM 0030	15189T107	198	6,566	SH	DFND	28	0	6,566	0
CENTURYLINK INC	COM 0012	156700106	82	6,577	SH	DFND	28	0	6,577	0
CERNER CORP	COM 0068	156782104	22	323	SH	DFND	28	0	323	0
CHANGYOU COM LTD	ADS REP CL A 0009	15911M107	0	40	SH	DFND	28	0	40	0
CHARLES RIV LABS INTL INC	COM 0132	159864107	105	791	SH	DFND	28	0	791	0
CHART INDS INC	COM PAR \$0.01 0062	16115Q308	44	707	SH	DFND	28	0	707	0
CHARTER COMMUNICATIONS INC N	CL A 0412	16119P108	9	23	SH	DFND	28	0	23	0
CHEESECAKE FACTORY INC	COM 0041	163072101	23	544	SH	DFND	28	0	544	0
CHEGG INC	COM 0029	163092109	19	619	SH	DFND	28	0	619	0
CHEMED CORP NEW	COM 0417	16359R103	140	335	SH	DFND	28	0	335	0
CHEMOURS CO	COM 0014	163851108	1	42	SH	DFND	28	0	42	0
CHEVRON CORP NEW	COM 0118	166764100	943	7,950	SH	DFND	28	0	7,950	0
CHIPOTLE MEXICAN GRILL INC	COM 0840	169656105	450	535	SH	DFND	28	0	535	0
CHURCH & DWIGHT INC	COM 0075	171340102	40	530	SH	DFND	28	0	530	0
CIMAREX ENERGY CO	COM 0047	171798101	30	627	SH	DFND	28	0	627	0
CINEMARK HOLDINGS INC	COM 0038	17243V102	15	396	SH	DFND	28	0	396	0
CISCO SYS INC	COM 0049	17275R102	996	20,152	SH	DFND	28	0	20,152	0
CINTAS CORP	COM 0268	172908105	503	1,878	SH	DFND	28	0	1,878	0
CITIGROUP INC	COM NEW 0069	172967424	344	4,982	SH	DFND	28	0	4,982	0
CITIZENS FINL GROUP INC	COM 0035	174610105	185	5,224	SH	DFND	28	0	5,224	0
CITRIX SYS INC	COM 0096	177376100	1	8	SH	DFND	28	0	8	0
CLEAN HARBORS INC	COM 0077	184496107	8	106	SH	DFND	28	0	106	0
CLEVELAND CLIFFS INC	COM 0007	185899101	3	459	SH	DFND	28	0	459	0
CLOROX CO DEL	COM 0151	189054109	3	23	SH	DFND	28	0	23	0
COCA COLA CO	COM 0054	191216100	211	3,881	SH	DFND	28	0	3,881	0
COGENT COMMUNICATIONS HLDGS	COM NEW 0055	19239V302	68	1,240	SH	DFND	28	0	1,240	0
COGNEX CORP	COM 0049	192422103	322	6,546	SH	DFND	28	0	6,546	0
COGNIZANT TECHNOLOGY Solutio	CL A 0060	192446102	25	407	SH	DFND	28	0	407	0
COHERENT INC	COM 0153	192479103	51	332	SH	DFND	28	0	332	0
COHEN & STEERS INC	COM 0054	19247A100	96	1,740	SH	DFND	28	0	1,740	0
COLGATE PALMOLIVE CO	COM 0073	194162103	46	627	SH	DFND	28	0	627	0
COLUMBIA BKG SYS INC	COM 0036	197236102	43	1,164	SH	DFND	28	0	1,164	0
COMFORT SYS USA INC	COM 0044	199908104	59	1,325	SH	DFND	28	0	1,325	0
COMCAST CORP NEW	CL A 0045	20030N101	1,058	23,459	SH	DFND	28	0	23,459	0
COMMVAULT SYSTEMS INC	COM 0044	204166102	16	352	SH	DFND	28	0	352	0
CONDUENT INC	COM 0006	206787103	0	12	SH	DFND	28	0	12	0
CONMED CORP	COM 0096	207410101	5	51	SH	DFND	28	0	51	0
CONOCOPHILLIPS	COM 0056	20825C104	546	9,580	SH	DFND	28	0	9,580	0
CONSOLIDATED EDISON INC	COM 0094	209115104	6	67	SH	DFND	28	0	67	0
CONSTELLATION BRANDS INC	CL A 0207	21036P108	19	91	SH	DFND	28	0	91	0
CONTINENTAL RESOURCES INC	COM 0030	212015101	64	2,068	SH	DFND	28	0	2,068	0
COOPER COS INC	COM NEW 0297	216648402	162	545	SH	DFND	28	0	545	0
COPART INC	COM 0080	217204106	57	707	SH	DFND	28	0	707	0
CORE MARK HOLDING CO INC	COM 0032	218681104	73	2,279	SH	DFND	28	0	2,279	0

CORESITE RLTY CORP	COM 0121	21870Q105	126	1,037	SH	DFND	28	0	1,037	0
CORELOGIC INC	COM 0046	21871D103	3	67	SH	DFND	28	0	67	0
CORNERSTONE ONDEMAND INC	COM 0054	21925Y103	33	610	SH	DFND	28	0	610	0
CORNING INC	COM 0028	219350105	69	2,409	SH	DFND	28	0	2,409	0
CORPORATE OFFICE PPTYS TR	SH BEN INT 0029	22002T108	3	87	SH	DFND	28	0	87	0
CORTEVA INC	COM 0028	22052L104	90	3,217	SH	DFND	28	0	3,217	0
COSTCO WHSL CORP NEW	COM 0288	22160K105	1,340	4,650	SH	DFND	28	0	4,650	0
COSTAR GROUP INC	COM 0593	22160N109	86	145	SH	DFND	28	0	145	0
COVETRUS INC	COM 0011	22304C100	0	15	SH	DFND	28	0	15	0
CREE INC	COM 0049	225447101	3	66	SH	DFND	28	0	66	0
CROWN CASTLE INTL CORP NEW	COM 0139	22822V101	350	2,517	SH	DFND	28	0	2,517	0
CROWN HOLDINGS INC	COM 0066	228368106	2	30	SH	DFND	28	0	30	0
CUBESMART	COM 0034	229663109	15	431	SH	DFND	28	0	431	0
CUMMINS INC	COM 0162	231021106	725	4,457	SH	DFND	28	0	4,457	0
CURTISS WRIGHT CORP	COM 0129	231561101	3	22	SH	DFND	28	0	22	0
CYPRESS SEMICONDUCTOR CORP	COM 0023	232806109	2	85	SH	DFND	28	0	85	0
CYRUSONE INC	COM 0079	23283R100	50	630	SH	DFND	28	0	630	0
DMC GLOBAL INC	COM 0043	23291C103	1	24	SH	DFND	28	0	24	0
D R HORTON INC	COM 0052	23331A109	509	9,652	SH	DFND	28	0	9,652	0
DTE ENERGY CO	COM 0132	233331107	18	136	SH	DFND	28	0	136	0
DXC TECHNOLOGY CO	COM 0029	23355L106	4	141	SH	DFND	28	0	141	0
DANAHER CORPORATION	COM 0144	235851102	630	4,360	SH	DFND	28	0	4,360	0
DARDEN RESTAURANTS INC	COM 0118	237194105	211	1,785	SH	DFND	28	0	1,785	0
DARLING INGREDIENTS INC	COM 0019	237266101	36	1,870	SH	DFND	28	0	1,870	0
DAVE & BUSTERS ENTMT INC	COM 0038	238337109	1	14	SH	DFND	28	0	14	0
DECKERS OUTDOOR CORP	COM 0147	243537107	13	91	SH	DFND	28	0	91	0
DEERE & CO	COM 0168	244199105	12	73	SH	DFND	28	0	73	0
DELEK US HLDGS INC NEW	COM 0036	24665A103	70	1,934	SH	DFND	28	0	1,934	0
DELL TECHNOLOGIES INC	CL C 0051	24703L202	0	3	SH	DFND	28	0	3	0
DELTA AIR LINES INC DEL	COM NEW 0057	247361702	496	8,606	SH	DFND	28	0	8,606	0
DENNYS CORP	COM 0022	24869P104	45	1,974	SH	DFND	28	0	1,974	0
DENTSPLY SIRONA INC	COM 0053	24906P109	60	1,128	SH	DFND	28	0	1,128	0
DEVON ENERGY CORP NEW	COM 0024	25179M103	1	21	SH	DFND	28	0	21	0
DEXCOM INC	COM 0149	252131107	476	3,190	SH	DFND	28	0	3,190	0
DIAGEO P L C	SPON ADR NEW 0163	25243Q205	345	2,112	SH	DFND	28	0	2,112	0
DIAMONDBACK ENERGY INC	COM 0089	25278X109	35	393	SH	DFND	28	0	393	0
DIGITAL RLTY TR INC	COM 0129	253868103	17	133	SH	DFND	28	0	133	0
DIODES INC	COM 0040	254543101	35	876	SH	DFND	28	0	876	0
DISNEY WALT CO	COM DISNEY 0130	254687106	664	5,095	SH	DFND	28	0	5,095	0
DISCOVER FINL SVCS	COM 0081	254709108	28	346	SH	DFND	28	0	346	0
DISCOVERY INC	COM SER A 0026	25470F104	3	102	SH	DFND	28	0	102	0
DISH NETWORK CORP	CL A 0034	25470M109	4	103	SH	DFND	28	0	103	0
DOLBY LABORATORIES INC	COM CL A 0064	25659T107	5	72	SH	DFND	28	0	72	0
DOLLAR GEN CORP NEW	COM 0158	256677105	47	297	SH	DFND	28	0	297	0
DOLLAR TREE INC	COM 0114	256746108	17	148	SH	DFND	28	0	148	0
DOMINION ENERGY INC	COM 0081	25746U109	299	3,687	SH	DFND	28	0	3,687	0
DOMINOS PIZZA INC	COM 0244	25754A201	35	144	SH	DFND	28	0	144	0

DORMAN PRODUCTS INC	COM 0079	258278100	193	2,426	SH	DFND	28	0	2,426	0
DOUGLAS EMMETT INC	COM 0042	25960P109	2	38	SH	DFND	28	0	38	0
DOVER CORP	COM 0099	260003108	114	1,148	SH	DFND	28	0	1,148	0
DOW INC	COM 0047	260557103	126	2,650	SH	DFND	28	0	2,650	0
DRIL QUIP INC	COM 0050	262037104	38	766	SH	DFND	28	0	766	0
DUKE REALTY CORP	COM NEW 0033	264411505	3	88	SH	DFND	28	0	88	0
DUKE ENERGY CORP NEW	COM NEW 0095	26441C204	188	1,961	SH	DFND	28	0	1,961	0
DUPONT DE NEMOURS INC	COM 0071	26614N102	163	2,288	SH	DFND	28	0	2,288	0
DYCOM INDS INC	COM 0051	267475101	16	317	SH	DFND	28	0	317	0
EOG RES INC	COM 0074	26875P101	12	168	SH	DFND	28	0	168	0
E TRADE FINANCIAL CORP	COM NEW 0043	269246401	5	105	SH	DFND	28	0	105	0
EAGLE MATERIALS INC	COM 0090	26969P108	137	1,522	SH	DFND	28	0	1,522	0
EAGLE PHARMACEUTICALS INC	COM 0056	269796108	23	408	SH	DFND	28	0	408	0
EAST WEST BANCORP INC	COM 0044	27579R104	16	368	SH	DFND	28	0	368	0
EASTERLY GOVT PPTYS INC	COM 0021	27616P103	166	7,806	SH	DFND	28	0	7,806	0
EASTGROUP PPTY INC	COM 0125	277276101	61	484	SH	DFND	28	0	484	0
EASTMAN CHEMICAL CO	COM 0073	277432100	106	1,431	SH	DFND	28	0	1,431	0
EATON VANCE CORP	COM NON VTG 0044	278265103	96	2,141	SH	DFND	28	0	2,141	0
EBAY INC	COM 0038	278642103	59	1,515	SH	DFND	28	0	1,515	0
ECOLAB INC	COM 0198	278865100	517	2,610	SH	DFND	28	0	2,610	0
EDISON INTL	COM 0075	281020107	28	376	SH	DFND	28	0	376	0
EDWARDS LIFESCIENCES CORP	COM 0219	28176E108	655	2,979	SH	DFND	28	0	2,979	0
EHEALTH INC	COM 0066	28238P109	14	216	SH	DFND	28	0	216	0
EL PASO ELEC CO	COM NEW 0067	283677854	26	391	SH	DFND	28	0	391	0
ELECTRONIC ARTS INC	COM 0097	285512109	491	5,021	SH	DFND	28	0	5,021	0
EMCOR GROUP INC	COM 0086	29084Q100	391	4,541	SH	DFND	28	0	4,541	0
EMERGENT BIOSOLUTIONS INC	COM 0052	29089Q105	27	514	SH	DFND	28	0	514	0
EMERSON ELEC CO	COM 0066	291011104	11	170	SH	DFND	28	0	170	0
EMPIRE ST RLTY TR INC	CL A 0014	292104106	9	607	SH	DFND	28	0	607	0
ENCOMPASS HEALTH CORP	COM 0063	29261A100	93	1,463	SH	DFND	28	0	1,463	0
ENERSYS	COM 0065	29275Y102	4	56	SH	DFND	28	0	56	0
ENPRO INDS INC	COM 0068	29355X107	10	148	SH	DFND	28	0	148	0
ENSIGN GROUP INC	COM 0047	29358P101	104	2,197	SH	DFND	28	0	2,197	0
ENTEGRIS INC	COM 0047	29362U104	269	5,712	SH	DFND	28	0	5,712	0
ENTERGY CORP NEW	COM 0117	29364G103	10	83	SH	DFND	28	0	83	0
ENTERPRISE FINL SVCS CORP	COM 0040	293712105	2	43	SH	DFND	28	0	43	0
ENVESTNET INC	COM 0056	29404K106	74	1,301	SH	DFND	28	0	1,301	0
EPAM SYS INC	COM 0182	29414B104	156	856	SH	DFND	28	0	856	0
EQUIFAX INC	COM 0140	294429105	23	164	SH	DFND	28	0	164	0
EQUINIX INC	COM 0576	29444U700	311	539	SH	DFND	28	0	539	0
EQUITY RESIDENTIAL	SH BEN INT 0086	29476L107	16	183	SH	DFND	28	0	183	0
ESCO TECHNOLOGIES INC	COM 0079	296315104	39	487	SH	DFND	28	0	487	0
ESSEX PPTY TR INC	COM 0326	297178105	53	163	SH	DFND	28	0	163	0
ETSY INC	COM 0056	29786A106	16	283	SH	DFND	28	0	283	0
EURONET WORLDWIDE INC	COM 0146	298736109	6	43	SH	DFND	28	0	43	0
EVERCORE INC	CLASS A 0080	29977A105	304	3,794	SH	DFND	28	0	3,794	0
EVERBRIDGE INC	COM 0061	29978A104	20	331	SH	DFND	28	0	331	0
EVERGY INC	COM 0066	30034W106	17	257	SH	DFND	28	0	257	0

EVERSOURCE ENERGY	COM 0085	30040W108	38	449	SH	DFND	28	0	449	0
EVOLENT HEALTH INC	CL A 0007	30050B101	4	590	SH	DFND	28	0	590	0
EXACT SCIENCES CORP	COM 0090	30063P105	65	718	SH	DFND	28	0	718	0
EXELON CORP	COM 0048	30161N101	1	23	SH	DFND	28	0	23	0
EXELIXIS INC	COM 0017	30161Q104	3	154	SH	DFND	28	0	154	0
EXLSERVICE HOLDINGS INC	COM 0066	302081104	34	505	SH	DFND	28	0	505	0
EXPEDIA GROUP INC	COM NEW 0134	30212P303	29	216	SH	DFND	28	0	216	0
EXPONENT INC	COM 0069	30214U102	485	6,933	SH	DFND	28	0	6,933	0
EXTRA SPACE STORAGE INC	COM 0116	30225T102	4	34	SH	DFND	28	0	34	0
EXXON MOBIL CORP	COM 0070	30231G102	482	6,829	SH	DFND	28	0	6,829	0
FLIR SYS INC	COM 0052	302445101	76	1,442	SH	DFND	28	0	1,442	0
F M C CORP	COM NEW 0087	302491303	31	355	SH	DFND	28	0	355	0
FNB CORP PA	COM 0011	302520101	12	1,047	SH	DFND	28	0	1,047	0
FACEBOOK INC	CL A 0178	30303M102	1,184	6,647	SH	DFND	28	0	6,647	0
FACTSET RESH SYS INC	COM 0242	303075105	50	205	SH	DFND	28	0	205	0
FASTENAL CO	COM 0032	311900104	14	429	SH	DFND	28	0	429	0
FEDERAL AGRIC MTG CORP	CL C 0081	313148306	74	911	SH	DFND	28	0	911	0
FEDEX CORP	COM 0145	31428X106	13	87	SH	DFND	28	0	87	0
F5 NETWORKS INC	COM 0140	315616102	6	42	SH	DFND	28	0	42	0
FIDELITY COVINGTON TR	CONSMR STAPLES 0036	316092303	276	7,548	SH	DFND	28	0	7,548	0
FIDELITY COVINGTON TR	MSCI INDL INDX 0039	316092709	453	11,357	SH	DFND	28	0	11,357	0
FIDELITY NATL INFORMATION SV	COM 0132	31620M106	286	2,151	SH	DFND	28	0	2,151	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM 0044	31620R303	77	1,735	SH	DFND	28	0	1,735	0
FIFTH THIRD BANCORP	COM 0027	316773100	248	9,047	SH	DFND	28	0	9,047	0
FIREEYE INC	COM 0013	31816Q101	2	135	SH	DFND	28	0	135	0
FIRST AMERN FINL CORP	COM 0059	31847R102	4	66	SH	DFND	28	0	66	0
FIRST FINL BANCORP OH	COM 0024	320209109	20	828	SH	DFND	28	0	828	0
FIRST FINL BANKSHARES	COM 0033	32020R109	119	3,567	SH	DFND	28	0	3,567	0
FIRST HAWAIIAN INC	COM 0026	32051X108	2	89	SH	DFND	28	0	89	0
FIRST INDUSTRIAL REALTY TRUS	COM 0039	32054K103	22	559	SH	DFND	28	0	559	0
FIRST MERCHANTS CORP	COM 0037	320817109	4	115	SH	DFND	28	0	115	0
FIRST MIDWEST BANCORP DEL	COM 0019	320867104	12	594	SH	DFND	28	0	594	0
FIRST REP BK SAN FRANCISCO C	COM 0096	33616C100	184	1,906	SH	DFND	28	0	1,906	0
FIRST SOLAR INC	COM 0058	336433107	5	88	SH	DFND	28	0	88	0
FIRST TR EXCHANGE TRADED FD	RISNG DIVD ACHIV0031	33738R506	266	8,356	SH	DFND	28	0	8,356	0
FIRST TR EXCHANGE TRADED FD	DORSEY WRT 5 ETF0029	33738R605	1,191	40,255	SH	DFND	28	0	40,255	0
FIRSTCASH INC	COM 0091	33767D105	133	1,455	SH	DFND	28	0	1,455	0
FISERV INC	COM 0103	337738108	226	2,178	SH	DFND	28	0	2,178	0
FIRSTENERGY CORP	COM 0048	337932107	7	152	SH	DFND	28	0	152	0
FIVE BELOW INC	COM 0126	33829M101	262	2,079	SH	DFND	28	0	2,079	0
FIVE9 INC	COM 0053	338307101	22	414	SH	DFND	28	0	414	0
FLEETCOR TECHNOLOGIES INC	COM 0286	339041105	100	348	SH	DFND	28	0	348	0
FLOOR & DECOR HLDGS INC	CL A 0051	339750101	26	507	SH	DFND	28	0	507	0
FLUOR CORP NEW	COM 0019	343412102	0	3	SH	DFND	28	0	3	0

FLOWSERVE CORP	COM 0046	34354P105	9	188	SH	DFND	28	0	188	0
FOMENTO ECONOMICO MEXICANO S	SPON ADR UNITS 0091	344419106	229	2,501	SH	DFND	28	0	2,501	0
FOOT LOCKER INC	COM 0043	344849104	6	138	SH	DFND	28	0	138	0
FORD MTR CO DEL	COM 0009	345370860	27	2,999	SH	DFND	28	0	2,999	0
FORMFACTOR INC	COM 0018	346375108	4	204	SH	DFND	28	0	204	0
FORTINET INC	COM 0076	34959E109	279	3,638	SH	DFND	28	0	3,638	0
FORTIVE CORP	COM 0068	34959J108	359	5,230	SH	DFND	28	0	5,230	0
FORTUNE BRANDS HOME & SEC IN	COM 0054	34964C106	42	765	SH	DFND	28	0	765	0
FORWARD AIR CORP	COM 0063	349853101	38	590	SH	DFND	28	0	590	0
FOUR CORNERS PPTY TR INC	COM 0028	35086T109	0	14	SH	DFND	28	0	14	0
FOX CORP	CL A COM 0031	35137L105	31	980	SH	DFND	28	0	980	0
FOX CORP	CL B COM 0031	35137L204	2	68	SH	DFND	28	0	68	0
FOX FACTORY HLDG CORP	COM 0062	35138V102	11	172	SH	DFND	28	0	172	0
FRANKLIN ELEC INC	COM 0047	353514102	49	1,030	SH	DFND	28	0	1,030	0
FREEPORT-MCMORAN INC	CL B 0009	35671D857	6	598	SH	DFND	28	0	598	0
GATX CORP	COM 0077	361448103	97	1,251	SH	DFND	28	0	1,251	0
GEO GROUP INC NEW	COM 0017	36162J106	4	260	SH	DFND	28	0	260	0
GCI LIBERTY INC	COM CLASS A 0062	36164V305	0	1	SH	DFND	28	0	1	0
G-III APPAREL GROUP LTD	COM 0025	36237H101	34	1,310	SH	DFND	28	0	1,310	0
GALLAGHER ARTHUR J & CO	COM 0089	363576109	39	437	SH	DFND	28	0	437	0
GARDNER DENVER HLDGS INC	COM 0028	36555P107	160	5,669	SH	DFND	28	0	5,669	0
GARRETT MOTION INC	COM 0009	366505105	0	13	SH	DFND	28	0	13	0
GARTNER INC	COM 0142	366651107	183	1,279	SH	DFND	28	0	1,279	0
GENERAC HLDGS INC	COM 0078	368736104	30	388	SH	DFND	28	0	388	0
GENERAL DYNAMICS CORP	COM 0182	369550108	246	1,347	SH	DFND	28	0	1,347	0
GENERAL MLS INC	COM 0055	370334104	255	4,630	SH	DFND	28	0	4,630	0
GENERAL MTRS CO	COM 0037	37045V100	37	987	SH	DFND	28	0	987	0
GENESCO INC	COM 0040	371532102	9	218	SH	DFND	28	0	218	0
GENTEX CORP	COM 0027	371901109	2	62	SH	DFND	28	0	62	0
GENOMIC HEALTH INC	COM 0067	37244C101	33	489	SH	DFND	28	0	489	0
GENUINE PARTS CO	COM 0099	372460105	31	308	SH	DFND	28	0	308	0
GETTY RLTY CORP NEW	COM 0032	374297109	14	431	SH	DFND	28	0	431	0
GIBRALTAR INDS INC	COM 0045	374689107	76	1,660	SH	DFND	28	0	1,660	0
GILEAD SCIENCES INC	COM 0063	375558103	303	4,783	SH	DFND	28	0	4,783	0
GLACIER BANCORP INC NEW	COM 0040	37637Q105	114	2,826	SH	DFND	28	0	2,826	0
GLATFELTER	COM 0015	377316104	26	1,712	SH	DFND	28	0	1,712	0
GLOBAL BLOOD THERAPEUTICS IN	COM 0048	37890U108	4	73	SH	DFND	28	0	73	0
GLOBAL PMTS INC	COM 0159	37940X102	477	2,998	SH	DFND	28	0	2,998	0
GLOBUS MED INC	CL A 0051	379577208	89	1,733	SH	DFND	28	0	1,733	0
GLOBE LIFE INC	COM 0095	37959E102	5	48	SH	DFND	28	0	48	0
GODADDY INC	CL A 0065	380237107	124	1,875	SH	DFND	28	0	1,875	0
GOLDMAN SACHS GROUP INC	COM 0207	38141G104	48	233	SH	DFND	28	0	233	0
GRACO INC	COM 0046	384109104	361	7,843	SH	DFND	28	0	7,843	0
GRAINGER W W INC	COM 0297	384802104	321	1,081	SH	DFND	28	0	1,081	0
GRAND CANYON ED INC	COM 0098	38526M106	103	1,047	SH	DFND	28	0	1,047	0
GRANITE CONSTR INC	COM 0032	387328107	21	662	SH	DFND	28	0	662	0
GRANITESHARES GOLD TR	SHS BEN INT 0014	38748G101	902	61,343	SH	DFND	28	0	61,343	0

GRAPHIC PACKAGING HLDG CO	COM 0014	388689101	2	144	SH	DFND	28	0	144	0
GREAT WESTN BANCORP INC	COM 0033	391416104	23	711	SH	DFND	28	0	711	0
GRUBHUB INC	COM 0056	400110102	118	2,095	SH	DFND	28	0	2,095	0
GUIDEWIRE SOFTWARE INC	COM 0105	40171V100	34	319	SH	DFND	28	0	319	0
HCA HEALTHCARE INC	COM 0120	40412C101	2	20	SH	DFND	28	0	20	0
HCP INC	COM 0035	40414L109	43	1,202	SH	DFND	28	0	1,202	0
HDFC BANK LTD	SPONSORED ADS 0057	40415F101	643	11,279	SH	DFND	28	0	11,279	0
HD SUPPLY HLDGS INC	COM 0039	40416M105	7	171	SH	DFND	28	0	171	0
HMS HLDGS CORP	COM 0034	40425J101	17	491	SH	DFND	28	0	491	0
HP INC	COM 0018	40434L105	85	4,503	SH	DFND	28	0	4,503	0
HAEMONETICS CORP	COM 0126	405024100	9	69	SH	DFND	28	0	69	0
HAIN CELESTIAL GROUP INC	COM 0021	405217100	1	24	SH	DFND	28	0	24	0
HALOZYME THERAPEUTICS INC	COM 0015	40637H109	4	233	SH	DFND	28	0	233	0
HANESBRANDS INC	COM 0015	410345102	3	226	SH	DFND	28	0	226	0
HANOVER INS GROUP INC	COM 0135	410867105	6	46	SH	DFND	28	0	46	0
HARSCO CORP	COM 0018	415864107	19	1,028	SH	DFND	28	0	1,028	0
HARTFORD FINL SVCS GROUP INC	COM 0060	416515104	16	262	SH	DFND	28	0	262	0
HASBRO INC	COM 0118	418056107	20	166	SH	DFND	28	0	166	0
HEALTHCARE SVCS GRP INC	COM 0024	421906108	28	1,155	SH	DFND	28	0	1,155	0
HEALTHCARE RLTY TR	COM 0033	421946104	20	599	SH	DFND	28	0	599	0
HEALTHEQUITY INC	COM 0057	42226A107	6	105	SH	DFND	28	0	105	0
HEARTLAND EXPRESS INC	COM 0021	422347104	1	47	SH	DFND	28	0	47	0
HEARTLAND FINL USA INC	COM 0044	42234Q102	10	225	SH	DFND	28	0	225	0
HEICO CORP NEW	COM 0124	422806109	9	72	SH	DFND	28	0	72	0
HELMERICH & PAYNE INC	COM 0040	423452101	93	2,333	SH	DFND	28	0	2,333	0
HENRY JACK & ASSOC INC	COM 0145	426281101	84	576	SH	DFND	28	0	576	0
HERSHEY CO	COM 0154	427866108	25	164	SH	DFND	28	0	164	0
HESS CORP	COM 0060	42809H107	25	409	SH	DFND	28	0	409	0
HEWLETT PACKARD ENTERPRISE C	COM 0015	42824C109	2	124	SH	DFND	28	0	124	0
HEXCEL CORP NEW	COM 0082	428291108	319	3,886	SH	DFND	28	0	3,886	0
HILL ROM HLDGS INC	COM 0105	431475102	1	12	SH	DFND	28	0	12	0
HILTON WORLDWIDE HLDGS INC	COM 0093	43300A203	223	2,400	SH	DFND	28	0	2,400	0
HOLOGIC INC	COM 0050	436440101	4	81	SH	DFND	28	0	81	0
HOME BANCSHARES INC	COM 0018	436893200	72	3,816	SH	DFND	28	0	3,816	0
HOME DEPOT INC	COM 0232	437076102	1,168	5,034	SH	DFND	28	0	5,034	0
HONEYWELL INTL INC	COM 0169	438516106	620	3,663	SH	DFND	28	0	3,663	0
HOPE BANCORP INC	COM 0014	43940T109	18	1,261	SH	DFND	28	0	1,261	0
HORACE MANN EDUCATORS CORP N	COM 0046	440327104	4	86	SH	DFND	28	0	86	0
HORMEL FOODS CORP	COM 0043	440452100	6	143	SH	DFND	28	0	143	0
HOULIHAN LOKEY INC	CL A 0045	441593100	62	1,368	SH	DFND	28	0	1,368	0
HUB GROUP INC	CL A 0046	443320106	16	352	SH	DFND	28	0	352	0
HUBBELL INC	COM 0131	443510607	0	1	SH	DFND	28	0	1	0
HUBSPOT INC	COM 0151	443573100	5	35	SH	DFND	28	0	35	0
HUDSON PAC PPTYS INC	COM 0033	444097109	4	107	SH	DFND	28	0	107	0
HUMANA INC	COM 0255	444859102	56	219	SH	DFND	28	0	219	0
HUNT J B TRANS SVCS INC	COM 0110	445658107	12	105	SH	DFND	28	0	105	0

HUNTINGTON BANCSHARES INC	COM 0014	446150104	115	8,050	SH	DFND	28	0	8,050	0
HUNTINGTON INGALLS INDS INC	COM 0211	446413106	153	724	SH	DFND	28	0	724	0
HUNTSMAN CORP	COM 0023	447011107	257	11,035	SH	DFND	28	0	11,035	0
IAC INTERACTIVECORP	COM 0217	44919P508	39	179	SH	DFND	28	0	179	0
IAA INC	COM 0041	449253103	14	341	SH	DFND	28	0	341	0
ICF INTL INC	COM 0084	44925C103	18	215	SH	DFND	28	0	215	0
ICU MED INC	COM 0159	44930G107	129	806	SH	DFND	28	0	806	0
IPG PHOTONICS CORP	COM 0135	44980X109	63	468	SH	DFND	28	0	468	0
ITT INC	COM 0061	45073V108	38	614	SH	DFND	28	0	614	0
IBERIABANK CORP	COM 0075	450828108	5	69	SH	DFND	28	0	69	0
ICICI BK LTD	ADR 0012	45104G104	356	29,188	SH	DFND	28	0	29,188	0
IDACORP INC	COM 0112	451107106	42	375	SH	DFND	28	0	375	0
IDEX CORP	COM 0163	45167R104	18	108	SH	DFND	28	0	108	0
IDEXX LABS INC	COM 0271	45168D104	51	188	SH	DFND	28	0	188	0
ILLINOIS TOOL WKS INC	COM 0156	452308109	9	56	SH	DFND	28	0	56	0
ILLUMINA INC	COM 0304	452327109	375	1,234	SH	DFND	28	0	1,234	0
IMMUNOGEN INC	COM 0002	45253H101	0	195	SH	DFND	28	0	195	0
INDEPENDENT BK GROUP INC	COM 0052	45384B106	23	438	SH	DFND	28	0	438	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT 0021	456237106	1	40	SH	DFND	28	0	40	0
INGEVITY CORP	COM 0084	45688C107	2	29	SH	DFND	28	0	29	0
INGREDION INC	COM 0081	457187102	2	20	SH	DFND	28	0	20	0
INPHI CORP	COM 0061	45772F107	14	228	SH	DFND	28	0	228	0
INNOPHOS HOLDINGS INC	COM 0032	45774N108	3	90	SH	DFND	28	0	90	0
INSPERITY INC	COM 0098	45778Q107	20	204	SH	DFND	28	0	204	0
INSULET CORP	COM 0164	45784P101	118	717	SH	DFND	28	0	717	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW 0060	457985208	42	699	SH	DFND	28	0	699	0
INTEL CORP	COM 0051	458140100	672	13,032	SH	DFND	28	0	13,032	0
INTERFACE INC	COM 0014	458665304	22	1,500	SH	DFND	28	0	1,500	0
INTERCONTINENTAL EXCHANGE IN	COM 0092	45866F104	244	2,649	SH	DFND	28	0	2,649	0
INTERNATIONAL BUSINESS MACHS	COM 0145	459200101	82	563	SH	DFND	28	0	563	0
INTERNATIONAL FLAVORS&FRAGRA	COM 0122	459506101	22	181	SH	DFND	28	0	181	0
INTL PAPER CO	COM 0041	460146103	7	177	SH	DFND	28	0	177	0
INTERPUBLIC GROUP COS INC	COM 0021	460690100	1	68	SH	DFND	28	0	68	0
INVESCO QQQ TR	UNIT SER 1 0188	46090E103	1,509	7,990	SH	DFND	28	0	7,990	0
INTUIT	COM 0265	461202103	1,174	4,415	SH	DFND	28	0	4,415	0
INTUITIVE SURGICAL INC	COM NEW 0539	46120E602	741	1,373	SH	DFND	28	0	1,373	0
INVESCO EXCHNG TRADED FD TR	S&P MIDCP LOW 0052	46138E198	844	16,039	SH	DFND	28	0	16,039	0
INVESCO EXCHNG TRADED FD TR	S&P500 LOW VOL 0057	46138E354	750	12,954	SH	DFND	28	0	12,954	0
INVESCO EXCHNG TRADED FD TR	PFD ETF 0015	46138E511	9	577	SH	DFND	28	0	577	0
INVESCO EXCHNG TRADED FD TR	FTSE RAFI EMNG 0020	46138E727	291	14,510	SH	DFND	28	0	14,510	0
INVESCO EXCHNG TRADED FD TR	EMRNG MKT SVRG 0029	46138E784	250	8,565	SH	DFND	28	0	8,565	0
INVESCO EXCHNG TRADED FD TR	DWA EMERG MKTS 0017	46138E867	634	36,206	SH	DFND	28	0	36,206	0

INVITATION HOMES INC	COM 0029	46187W107	5	153	SH	DFND	28	0	153	0
IONIS PHARMACEUTICALS INC	COM 0059	462222100	7	125	SH	DFND	28	0	125	0
IQVIA HLDGS INC	COM 0149	46266C105	8	54	SH	DFND	28	0	54	0
IRON MTN INC NEW	COM 0032	46284V101	3	104	SH	DFND	28	0	104	0
ISHARES GOLD TRUST	ISHARES 0014	464285105	169	11,954	SH	DFND	28	0	11,954	0
ISHARES INC	EM HGHYL BD ETF 0046	464286285	289	6,216	SH	DFND	28	0	6,216	0
ISHARES INC	MSCI STH KOR ETF0056	464286772	7	118	SH	DFND	28	0	118	0
ISHARES TR	CORE S&P TTL STK0067	464287150	3,553	52,982	SH	DFND	28	0	52,982	0
ISHARES TR	SELECT DIVID ETF0101	464287168	847	8,309	SH	DFND	28	0	8,309	0
ISHARES TR	TIPS BD ETF 0116	464287176	1,056	9,081	SH	DFND	28	0	9,081	0
ISHARES TR	CORE S&P500 ETF 0298	464287200	7,883	26,408	SH	DFND	28	0	26,408	0
ISHARES TR	CORE US AGGBD ET0113	464287226	8,721	77,060	SH	DFND	28	0	77,060	0
ISHARES TR	MSCI EMG MKT ETF0040	464287234	2,278	55,729	SH	DFND	28	0	55,729	0
ISHARES TR	IBOXX INV CP ETF0127	464287242	2,734	21,448	SH	DFND	28	0	21,448	0
ISHARES TR	GLOBAL TECH ETF 0184	464287291	1,310	7,081	SH	DFND	28	0	7,081	0
ISHARES TR	S&P 500 GRWT ETF0180	464287309	494	2,741	SH	DFND	28	0	2,741	0
ISHARES TR	GLOB HLTHCRE ETF0061	464287325	837	13,703	SH	DFND	28	0	13,703	0
ISHARES TR	S&P 500 VAL ETF 0119	464287408	707	5,933	SH	DFND	28	0	5,933	0
ISHARES TR	20 YR TR BD ETF 0143	464287432	753	5,263	SH	DFND	28	0	5,263	0
ISHARES TR	BARCLAYS 7 10 YR0112	464287440	146	1,302	SH	DFND	28	0	1,302	0
ISHARES TR	1 3 YR TREAS BD 0084	464287457	2,572	30,320	SH	DFND	28	0	30,320	0
ISHARES TR	MSCI EAFE ETF 0065	464287465	2,598	39,838	SH	DFND	28	0	39,838	0
ISHARES TR	RUS MDCP VAL ETF0089	464287473	229	2,548	SH	DFND	28	0	2,548	0
ISHARES TR	RUS MD CP GR ETF0141	464287481	1,202	8,507	SH	DFND	28	0	8,507	0
ISHARES TR	RUS MID CAP ETF 0055	464287499	1,872	33,461	SH	DFND	28	0	33,461	0
ISHARES TR	CORE S&P MCP ETF0193	464287507	743	3,844	SH	DFND	28	0	3,844	0
ISHARES TR	EXPANDED TECH 0211	464287515	479	2,263	SH	DFND	28	0	2,263	0
ISHARES TR	RUS 1000 VAL ETF0128	464287598	1,191	9,286	SH	DFND	28	0	9,286	0
ISHARES TR	RUS 1000 GRW ETF0159	464287614	1,960	12,276	SH	DFND	28	0	12,276	0
ISHARES TR	RUS 1000 ETF 0164	464287622	3,653	22,204	SH	DFND	28	0	22,204	0
ISHARES TR	RUS 2000 VAL ETF0119	464287630	503	4,209	SH	DFND	28	0	4,209	0
ISHARES TR	RUS 2000 GRW ETF0192	464287648	858	4,451	SH	DFND	28	0	4,451	0
ISHARES TR	RUSSELL 2000 ETF0151	464287655	867	5,726	SH	DFND	28	0	5,726	0
ISHARES TR	CORE S&P US GWT 0062	464287671	237	3,773	SH	DFND	28	0	3,773	0

ISHARES TR	RUSSELL 3000 ETF0173	464287689	711	4,089	SH	DFND	28	0	4,089	0
ISHARES TR	U.S. UTILITS ETF0162	464287697	428	2,628	SH	DFND	28	0	2,628	0
ISHARES TR	U.S. REAL ES ETF0093	464287739	372	3,975	SH	DFND	28	0	3,975	0
ISHARES TR	US HLTHCARE ETF 0189	464287762	313	1,658	SH	DFND	28	0	1,658	0
ISHARES TR	CORE S&P SCP ETF0077	464287804	1,873	24,062	SH	DFND	28	0	24,062	0
ISHARES TR	SP SMCP600VL ETF0150	464287879	801	5,335	SH	DFND	28	0	5,335	0
ISHARES TR	INTL TREA BD ETF0050	464288117	1,795	35,565	SH	DFND	28	0	35,565	0
ISHARES TR	SHRT NAT MUN ETF0106	464288158	3,269	30,684	SH	DFND	28	0	30,684	0
ISHARES TR	MSCI ACWI EX US 0046	464288240	1,871	40,626	SH	DFND	28	0	40,626	0
ISHARES TR	MSCI ACWI ETF 0073	464288257	1,806	24,482	SH	DFND	28	0	24,482	0
ISHARES TR	EAFE SML CP ETF 0057	464288273	658	11,504	SH	DFND	28	0	11,504	0
ISHARES TR	JPMORGAN USD EMG0113	464288281	1,977	17,446	SH	DFND	28	0	17,446	0
ISHARES TR	NATIONAL MUN ETF0114	464288414	5,095	44,654	SH	DFND	28	0	44,654	0
ISHARES TR	IBOXX HI YD ETF 0087	464288513	1,884	21,618	SH	DFND	28	0	21,618	0
ISHARES TR	MBS ETF 0108	464288588	1,938	17,896	SH	DFND	28	0	17,896	0
ISHARES TR	INTRM GOV CR ETF0113	464288612	218	1,926	SH	DFND	28	0	1,926	0
ISHARES TR	INTRM TR CRP ETF0057	464288638	2,710	46,780	SH	DFND	28	0	46,780	0
ISHARES TR	SH TR CRPORT ETF0053	464288646	2,488	46,354	SH	DFND	28	0	46,354	0
ISHARES TR	3 7 YR TREAS BD 0126	464288661	151	1,191	SH	DFND	28	0	1,191	0
ISHARES TR	SHORT TREAS BD 0110	464288679	331	2,992	SH	DFND	28	0	2,992	0
ISHARES TR	PFD AND INCM SEC0037	464288687	1,279	34,077	SH	DFND	28	0	34,077	0
ISHARES TR	US AER DEF ETF 0224	464288760	535	2,380	SH	DFND	28	0	2,380	0
ISHARES TR	U.S. MED DVC ETF0247	464288810	313	1,264	SH	DFND	28	0	1,264	0
ISHARES TR	US OIL GS EX ETF0051	464288851	263	5,160	SH	DFND	28	0	5,160	0
ISHARES TR	EAFE VALUE ETF 0047	464288877	269	5,689	SH	DFND	28	0	5,689	0
ISHARES TR	EAFE GRWTH ETF 0080	464288885	239	2,967	SH	DFND	28	0	2,967	0
ISHARES TR	US TREAS BD ETF 0026	46429B267	3,596	136,612	SH	DFND	28	0	136,612	0
ISHARES TR	FLTG RATE NT ETF0050	46429B655	1,441	28,270	SH	DFND	28	0	28,270	0
ISHARES TR	CORE HIGH DV ETF0094	46429B663	373	3,957	SH	DFND	28	0	3,957	0
ISHARES TR	MIN VOL EAFE ETF0073	46429B689	931	12,704	SH	DFND	28	0	12,704	0
ISHARES TR	MSCI MIN VOL ETF0064	46429B697	6,011	93,781	SH	DFND	28	0	93,781	0
ISHARES US ETF TR	SHT MAT BD ETF 0050	46431W507	6,535	129,819	SH	DFND	28	0	129,819	0
ISHARES TR	USA QUALITY FCTR0092	46432F339	4,879	52,805	SH	DFND	28	0	52,805	0

ISHARES TR	USA MOMENTUM FCT0119	46432F396	2,762	23,164	SH	DFND	28	0	23,164	0
ISHARES TR	CORE MSCI TOTAL 0057	46432F834	380	6,578	SH	DFND	28	0	6,578	0
ISHARES TR	CORE MSCI EAFE 0061	46432F842	3,963	64,901	SH	DFND	28	0	64,901	0
ISHARES INC	CORE MSCI EMKT 0049	46434G103	3,082	62,864	SH	DFND	28	0	62,864	0
ISHARES TR	0-5YR HI YL CP 0046	46434V407	233	5,005	SH	DFND	28	0	5,005	0
ISHARES TR	CORE TOTAL USD 0052	46434V613	465	8,865	SH	DFND	28	0	8,865	0
ISHARES TR	CORE DIV GRWTH 0039	46434V621	704	17,985	SH	DFND	28	0	17,985	0
ISHARES TR	MSCI UK ETF NEW 0031	46435G334	10	323	SH	DFND	28	0	323	0
ITAU UNIBANCO HLDG SA	SPON ADR REP PFD0008	465562106	272	32,375	SH	DFND	28	0	32,375	0
J & J SNACK FOODS CORP	COM 0192	466032109	86	446	SH	DFND	28	0	446	0
JPMORGAN CHASE & CO	COM 0117	46625H100	1,315	11,172	SH	DFND	28	0	11,172	0
JABIL INC	COM 0035	466313103	360	10,074	SH	DFND	28	0	10,074	0
JD COM INC	SPON ADR CL A 0028	47215P106	1	48	SH	DFND	28	0	48	0
JETBLUE AWYS CORP	COM 0016	477143101	5	286	SH	DFND	28	0	286	0
JOHN BEAN TECHNOLOGIES CORP	COM 0099	477839104	15	148	SH	DFND	28	0	148	0
JOHNSON & JOHNSON	COM 0129	478160104	848	6,553	SH	DFND	28	0	6,553	0
JONES LANG LASALLE INC	COM 0139	48020Q107	6	43	SH	DFND	28	0	43	0
J2 GLOBAL INC	COM 0090	48123V102	3	38	SH	DFND	28	0	38	0
KAR AUCTION SVCS INC	COM 0024	48238T109	0	18	SH	DFND	28	0	18	0
KLA CORPORATION	COM NEW 0159	482480100	68	429	SH	DFND	28	0	429	0
KT CORP	SPONSORED ADR 0011	48268K101	16	1,386	SH	DFND	28	0	1,386	0
KANSAS CITY SOUTHERN	COM NEW 0133	485170302	28	207	SH	DFND	28	0	207	0
KB HOME	COM 0034	48666K109	7	193	SH	DFND	28	0	193	0
KELLOGG CO	COM 0064	487836108	39	599	SH	DFND	28	0	599	0
KENNAMETAL INC	COM 0030	489170100	4	119	SH	DFND	28	0	119	0
KENNEDY-WILSON HLDGS INC	COM 0021	489398107	79	3,597	SH	DFND	28	0	3,597	0
KEURIG DR PEPPER INC	COM 0027	49271V100	0	7	SH	DFND	28	0	7	0
KEYCORP NEW	COM 0017	493267108	258	14,484	SH	DFND	28	0	14,484	0
KEYSIGHT TECHNOLOGIES INC	COM 0097	49338L103	476	4,893	SH	DFND	28	0	4,893	0
KFORCE INC	COM 0037	493732101	27	727	SH	DFND	28	0	727	0
KILROY RLTY CORP	COM 0077	49427F108	2	29	SH	DFND	28	0	29	0
KIMBERLY CLARK CORP	COM 0142	494368103	236	1,662	SH	DFND	28	0	1,662	0
KINDER MORGAN INC DEL	COM 0020	49456B101	22	1,050	SH	DFND	28	0	1,050	0
KIRBY CORP	COM 0082	497266106	0	1	SH	DFND	28	0	1	0
KITE RLTY GROUP TR	COM NEW 0016	49803T300	10	611	SH	DFND	28	0	611	0
KNOLL INC	COM NEW 0025	498904200	22	861	SH	DFND	28	0	861	0
KONINKLIJKE PHILIPS N V	NY REG SH NEW 0046	500472303	285	6,178	SH	DFND	28	0	6,178	0
KONTOOR BRANDS INC	COM 0035	50050N103	79	2,248	SH	DFND	28	0	2,248	0
KORN FERRY	COM NEW 0038	500643200	18	456	SH	DFND	28	0	456	0
KROGER CO	COM 0025	501044101	16	626	SH	DFND	28	0	626	0
KURA ONCOLOGY INC	COM 0015	50127T109	4	264	SH	DFND	28	0	264	0
LHC GROUP INC	COM 0113	50187A107	65	571	SH	DFND	28	0	571	0
LKQ CORP	COM 0031	501889208	6	191	SH	DFND	28	0	191	0

LTC PPTYS INC	COM 0051	502175102	32	623	SH	DFND	28	0	623	0
L3HARRIS TECHNOLOGIES INC	COM 0208	502431109	27	132	SH	DFND	28	0	132	0
LA Z BOY INC	COM 0033	505336107	20	596	SH	DFND	28	0	596	0
LABORATORY CORP AMER HLDGS	COM NEW 0168	50540R409	110	653	SH	DFND	28	0	653	0
LAM RESEARCH CORP	COM 0231	512807108	79	342	SH	DFND	28	0	342	0
LAMAR ADVERTISING CO NEW	CL A 0081	512816109	3	40	SH	DFND	28	0	40	0
LAMB WESTON HLDGS INC	COM 0072	513272104	41	564	SH	DFND	28	0	564	0
LANDSTAR SYS INC	COM 0112	515098101	82	730	SH	DFND	28	0	730	0
LAS VEGAS SANDS CORP	COM 0057	517834107	28	478	SH	DFND	28	0	478	0
LATTICE SEMICONDUCTOR CORP	COM 0018	518415104	15	810	SH	DFND	28	0	810	0
LAUDER ESTEE COS INC	CL A 0198	518439104	873	4,386	SH	DFND	28	0	4,386	0
LEAR CORP	COM NEW 0117	521865204	376	3,186	SH	DFND	28	0	3,186	0
LEGGETT & PLATT INC	COM 0040	524660107	2	54	SH	DFND	28	0	54	0
LEIDOS HLDGS INC	COM 0085	525327102	3	40	SH	DFND	28	0	40	0
LEMAITRE VASCULAR INC	COM 0034	525558201	55	1,622	SH	DFND	28	0	1,622	0
LENNAR CORP	CL A 0055	526057104	11	202	SH	DFND	28	0	202	0
LENNOX INTL INC	COM 0242	526107107	58	237	SH	DFND	28	0	237	0
LIBERTY BROADBAND CORP	COM SER C 0104	530307305	0	3	SH	DFND	28	0	3	0
LIBERTY PPTY TR	SH BEN INT 0051	531172104	18	342	SH	DFND	28	0	342	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM 0041	531229409	1	13	SH	DFND	28	0	13	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM 0041	531229607	1	32	SH	DFND	28	0	32	0
LIBERTY MEDIA CORP DELAWARE	COM SER A FRMLA 0039	531229870	0	1	SH	DFND	28	0	1	0
LIGAND PHARMACEUTICALS INC	COM NEW 0099	53220K504	4	36	SH	DFND	28	0	36	0
LILLY ELI & CO	COM 0111	532457108	135	1,208	SH	DFND	28	0	1,208	0
LINCOLN ELEC HLDGS INC	COM 0086	533900106	24	273	SH	DFND	28	0	273	0
LINCOLN NATL CORP IND	COM 0060	534187109	30	505	SH	DFND	28	0	505	0
LITHIA MTRS INC	CL A 0132	536797103	166	1,257	SH	DFND	28	0	1,257	0
LITTELFUSE INC	COM 0177	537008104	113	637	SH	DFND	28	0	637	0
LIVE NATION ENTERTAINMENT IN	COM 0066	538034109	11	172	SH	DFND	28	0	172	0
LIVEPERSON INC	COM 0035	538146101	20	572	SH	DFND	28	0	572	0
LIVENT CORP	COM 0006	53814L108	0	59	SH	DFND	28	0	59	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR 0002	539439109	61	23,163	SH	DFND	28	0	23,163	0
LOCKHEED MARTIN CORP	COM 0390	539830109	727	1,864	SH	DFND	28	0	1,864	0
LOEWS CORP	COM 0051	540424108	4	87	SH	DFND	28	0	87	0
LOGMEIN INC	COM 0070	54142L109	77	1,083	SH	DFND	28	0	1,083	0
LOWES COS INC	COM 0109	548661107	109	992	SH	DFND	28	0	992	0
LULULEMON ATHLETICA INC	COM 0192	550021109	128	666	SH	DFND	28	0	666	0
LUMENTUM HLDGS INC	COM 0053	55024U109	8	141	SH	DFND	28	0	141	0
M & T BK CORP	COM 0157	55261F104	22	142	SH	DFND	28	0	142	0
MGM GROWTH PPTYS LLC	CL A COM 0030	55303A105	4	135	SH	DFND	28	0	135	0
MSC INDL DIRECT INC	CL A 0072	553530106	79	1,084	SH	DFND	28	0	1,084	0
MSCI INC	COM 0217	55354G100	8	37	SH	DFND	28	0	37	0
MTS SYS CORP	COM 0055	553777103	34	620	SH	DFND	28	0	620	0
MACERICH CO	COM 0031	554382101	3	82	SH	DFND	28	0	82	0

MACYS INC	COM 0015	55616P104	96	6,167	SH	DFND	28	0	6,167	0
MADDEN STEVEN LTD	COM 0035	556269108	41	1,151	SH	DFND	28	0	1,151	0
MANHATTAN ASSOCS INC	COM 0080	562750109	12	146	SH	DFND	28	0	146	0
MANPOWERGROUP INC	COM 0084	56418H100	1	8	SH	DFND	28	0	8	0
MANTECH INTL CORP	CL A 0071	564563104	49	689	SH	DFND	28	0	689	0
MARATHON OIL CORP	COM 0012	565849106	6	527	SH	DFND	28	0	527	0
MARATHON PETE CORP	COM 0060	56585A102	37	616	SH	DFND	28	0	616	0
MARCUS & MILLICHAP INC	COM 0035	566324109	31	883	SH	DFND	28	0	883	0
MARINEMAX INC	COM 0015	567908108	5	338	SH	DFND	28	0	338	0
MARKEL CORP	COM 1181	570535104	4	3	SH	DFND	28	0	3	0
MARKETAXESS HLDGS INC	COM 0327	57060D108	407	1,243	SH	DFND	28	0	1,243	0
MARRIOTT VACTINS WORLDWID CO	COM 0103	57164Y107	1	14	SH	DFND	28	0	14	0
MARSH & MCLENNAN COS INC	COM 0100	571748102	145	1,453	SH	DFND	28	0	1,453	0
MARRIOTT INTL INC NEW	CL A 0124	571903202	10	78	SH	DFND	28	0	78	0
MARTIN MARIETTA MATLS INC	COM 0274	573284106	13	49	SH	DFND	28	0	49	0
MASCO CORP	COM 0041	574599106	201	4,829	SH	DFND	28	0	4,829	0
MASIMO CORP	COM 0148	574795100	2	15	SH	DFND	28	0	15	0
MASONITE INTL CORP NEW	COM 0058	575385109	3	47	SH	DFND	28	0	47	0
MASTERCARD INC	CL A 0271	57636Q104	114	422	SH	DFND	28	0	422	0
MATADOR RES CO	COM 0016	576485205	99	5,970	SH	DFND	28	0	5,970	0
MATTHEWS INTL CORP	CL A 0035	577128101	6	166	SH	DFND	28	0	166	0
MAXIM INTEGRATED PRODS INC	COM 0057	57772K101	1	15	SH	DFND	28	0	15	0
MCCORMICK & CO INC	COM NON VTG 0156	579780206	176	1,127	SH	DFND	28	0	1,127	0
MCDONALDS CORP	COM 0214	580135101	317	1,477	SH	DFND	28	0	1,477	0
MCGRATH RENTCORP	COM 0069	580589109	31	445	SH	DFND	28	0	445	0
MCKESSON CORP	COM 0136	58155Q103	27	198	SH	DFND	28	0	198	0
MEDICAL PPTYS TRUST INC	COM 0019	58463J304	39	1,981	SH	DFND	28	0	1,981	0
MEDICINES CO	COM 0050	584688105	0	4	SH	DFND	28	0	4	0
MEDIDATA SOLUTIONS INC	COM 0091	58471A105	20	222	SH	DFND	28	0	222	0
MEDPACE HLDGS INC	COM 0084	58506Q109	38	449	SH	DFND	28	0	449	0
MELCO RESORTS AND ENTMT LTD	ADR 0019	585464100	4	231	SH	DFND	28	0	231	0
MERCADOLIBRE INC	COM 0551	58733R102	120	218	SH	DFND	28	0	218	0
MERCK & CO INC	COM 0084	58933Y105	308	3,663	SH	DFND	28	0	3,663	0
MERCURY SYS INC	COM 0081	589378108	25	305	SH	DFND	28	0	305	0
MERIT MED SYS INC	COM 0030	589889104	4	134	SH	DFND	28	0	134	0
MERITAGE HOMES CORP	COM 0070	59001A102	38	534	SH	DFND	28	0	534	0
METHODE ELECTRS INC	COM 0033	591520200	24	703	SH	DFND	28	0	703	0
METLIFE INC	COM 0047	59156R108	269	5,693	SH	DFND	28	0	5,693	0
METTLER TOLEDO INTERNATIONAL	COM 0704	592688105	287	407	SH	DFND	28	0	407	0
MICHAELS COS INC	COM 0009	59408Q106	1	67	SH	DFND	28	0	67	0
MICROSOFT CORP	COM 0139	594918104	3,097	22,279	SH	DFND	28	0	22,279	0
MICROCHIP TECHNOLOGY INC	COM 0092	595017104	87	939	SH	DFND	28	0	939	0
MICRON TECHNOLOGY INC	COM 0042	595112103	17	388	SH	DFND	28	0	388	0
MID AMER APT CMNTYS INC	COM 0130	59522J103	143	1,100	SH	DFND	28	0	1,100	0
MIDDLEBY CORP	COM 0116	596278101	130	1,110	SH	DFND	28	0	1,110	0
MINERALS TECHNOLOGIES INC	COM 0053	603158106	24	446	SH	DFND	28	0	446	0
MOLINA HEALTHCARE INC	COM 0109	60855R100	11	97	SH	DFND	28	0	97	0

MOLSON COORS BREWING CO	CL B 0057	60871R209	158	2,741	SH	DFND	28	0	2,741	0
MONDELEZ INTL INC	CL A 0055	609207105	368	6,650	SH	DFND	28	0	6,650	0
MONOLITHIC PWR SYS INC	COM 0155	609839105	69	441	SH	DFND	28	0	441	0
MONRO INC	COM 0079	610236101	67	854	SH	DFND	28	0	854	0
MONSTER BEVERAGE CORP NEW	COM 0058	61174X109	145	2,496	SH	DFND	28	0	2,496	0
MOODYS CORP	COM 0204	615369105	71	346	SH	DFND	28	0	346	0
MOOG INC	CL A 0081	615394202	63	773	SH	DFND	28	0	773	0
MORGAN STANLEY	COM NEW 0042	617446448	148	3,476	SH	DFND	28	0	3,476	0
MORNINGSTAR INC	COM 0146	617700109	77	526	SH	DFND	28	0	526	0
MOSAIC CO NEW	COM 0020	61945C103	13	610	SH	DFND	28	0	610	0
MOTOROLA SOLUTIONS INC	COM NEW 0170	620076307	234	1,375	SH	DFND	28	0	1,375	0
MOVADO GROUP INC	COM 0024	624580106	16	645	SH	DFND	28	0	645	0
MUELLER WTR PRODS INC	COM SER A 0011	624758108	37	3,268	SH	DFND	28	0	3,268	0
MURPHY OIL CORP	COM 0022	626717102	18	836	SH	DFND	28	0	836	0
MYRIAD GENETICS INC	COM 0028	62855J104	3	116	SH	DFND	28	0	116	0
NCR CORP NEW	COM 0031	62886E108	2	56	SH	DFND	28	0	56	0
NMI HLDGS INC	CL A 0026	629209305	6	217	SH	DFND	28	0	217	0
NRG ENERGY INC	COM NEW 0039	629377508	1	17	SH	DFND	28	0	17	0
NANOMETRICS INC	COM 0032	630077105	19	589	SH	DFND	28	0	589	0
NASDAQ INC	COM 0099	631103108	14	141	SH	DFND	28	0	141	0
NATIONAL BEVERAGE CORP	COM 0044	635017106	1	30	SH	DFND	28	0	30	0
NATIONAL HEALTH INVS INC	COM 0082	63633D104	3	39	SH	DFND	28	0	39	0
NATIONAL INSTRS CORP	COM 0041	636518102	2	51	SH	DFND	28	0	51	0
NATIONAL OILWELL VARCO INC	COM 0021	637071101	12	584	SH	DFND	28	0	584	0
NAVIGANT CONSULTING INC	COM 0027	63935N107	6	211	SH	DFND	28	0	211	0
NEENAH INC	COM 0065	640079109	41	623	SH	DFND	28	0	623	0
NEOGEN CORP	COM 0068	640491106	1	17	SH	DFND	28	0	17	0
NEOGENOMICS INC	COM NEW 0019	64049M209	8	443	SH	DFND	28	0	443	0
NETAPP INC	COM 0052	64110D104	232	4,426	SH	DFND	28	0	4,426	0
NETFLIX INC	COM 0267	64110L106	102	381	SH	DFND	28	0	381	0
NETEASE INC	SPONSORED ADS 0266	64110W102	22	81	SH	DFND	28	0	81	0
NEUROCRINE BIOSCIENCES INC	COM 0090	64125C109	127	1,404	SH	DFND	28	0	1,404	0
NEVRO CORP	COM 0085	64157F103	1	7	SH	DFND	28	0	7	0
NEW YORK TIMES CO	CL A 0028	650111107	5	184	SH	DFND	28	0	184	0
NEWELL BRANDS INC	COM 0018	651229106	1	54	SH	DFND	28	0	54	0
NEWMARK GROUP INC	CL A 0009	65158N102	5	516	SH	DFND	28	0	516	0
NEXSTAR MEDIA GROUP INC	CL A 0102	65336K103	41	398	SH	DFND	28	0	398	0
NEXTERA ENERGY INC	COM 0232	65339F101	379	1,627	SH	DFND	28	0	1,627	0
NIKE INC	CL B 0093	654106103	355	3,778	SH	DFND	28	0	3,778	0
NISOURCE INC	COM 0029	65473P105	10	345	SH	DFND	28	0	345	0
NOBLE ENERGY INC	COM 0022	655044105	21	935	SH	DFND	28	0	935	0
NORDSON CORP	COM 0146	655663102	259	1,768	SH	DFND	28	0	1,768	0
NORDSTROM INC	COM 0033	655664100	6	184	SH	DFND	28	0	184	0
NORFOLK SOUTHERN CORP	COM 0179	655844108	9	52	SH	DFND	28	0	52	0
NORTHERN TR CORP	COM 0093	665859104	33	351	SH	DFND	28	0	351	0
NORTHROP GRUMMAN CORP	COM 0374	666807102	263	703	SH	DFND	28	0	703	0
NORTHWESTERN CORP	COM NEW 0075	668074305	35	461	SH	DFND	28	0	461	0
NOVANTA INC	COM 0081	67000B104	21	254	SH	DFND	28	0	254	0

NOW INC	COM 0011	67011P100	1	57	SH	DFND	28	0	57	0
NUANCE COMMUNICATIONS INC	COM 0016	67020Y100	1	77	SH	DFND	28	0	77	0
NUCOR CORP	COM 0050	670346105	2	48	SH	DFND	28	0	48	0
NUTANIX INC	CL A 0026	67059N108	104	3,963	SH	DFND	28	0	3,963	0
NVIDIA CORP	COM 0174	67066G104	438	2,514	SH	DFND	28	0	2,514	0
NUVASIVE INC	COM 0063	670704105	11	169	SH	DFND	28	0	169	0
NUTRIEN LTD	COM 0049	67077M108	258	5,174	SH	DFND	28	0	5,174	0
OGE ENERGY CORP	COM 0045	670837103	128	2,822	SH	DFND	28	0	2,822	0
O REILLY AUTOMOTIVE INC NEW	COM 0398	67103H107	14	36	SH	DFND	28	0	36	0
OSI SYSTEMS INC	COM 0101	671044105	7	73	SH	DFND	28	0	73	0
OCCIDENTAL PETE CORP	COM 0044	674599105	102	2,286	SH	DFND	28	0	2,286	0
OIL STS INTL INC	COM 0013	678026105	1	55	SH	DFND	28	0	55	0
OKTA INC	CL A 0098	679295105	14	146	SH	DFND	28	0	146	0
OLD DOMINION FREIGHT LINE IN	COM 0169	679580100	5	29	SH	DFND	28	0	29	0
OLD NATL BANCORP IND	COM 0017	680033107	34	1,957	SH	DFND	28	0	1,957	0
OLLIES BARGAIN OUTLT HLDGS I	COM 0058	681116109	32	552	SH	DFND	28	0	552	0
OMNICOM GROUP INC	COM 0078	681919106	20	260	SH	DFND	28	0	260	0
OMNICELL INC	COM 0072	68213N109	64	880	SH	DFND	28	0	880	0
ON SEMICONDUCTOR CORP	COM 0019	682189105	65	3,393	SH	DFND	28	0	3,393	0
ONE GAS INC	COM 0096	68235P108	1	10	SH	DFND	28	0	10	0
ONEOK INC NEW	COM 0073	682680103	297	4,036	SH	DFND	28	0	4,036	0
ORACLE CORP	COM 0055	68389X105	553	10,054	SH	DFND	28	0	10,054	0
ORMAT TECHNOLOGIES INC	COM 0074	686688102	1	18	SH	DFND	28	0	18	0
OWENS CORNING NEW	COM 0063	690742101	18	278	SH	DFND	28	0	278	0
OXFORD INDS INC	COM 0071	691497309	10	143	SH	DFND	28	0	143	0
PC CONNECTION INC	COM 0038	69318J100	22	570	SH	DFND	28	0	570	0
PNC FINL SVCS GROUP INC	COM 0140	693475105	122	871	SH	DFND	28	0	871	0
PPG INDS INC	COM 0118	693506107	28	233	SH	DFND	28	0	233	0
PPL CORP	COM 0031	69351T106	108	3,424	SH	DFND	28	0	3,424	0
PRA HEALTH SCIENCES INC	COM 0099	69354M108	28	278	SH	DFND	28	0	278	0
PRA GROUP INC	COM 0033	69354N106	30	885	SH	DFND	28	0	885	0
PPDAI GROUP INC	SPONSORED ADR 0002	69354V108	1	242	SH	DFND	28	0	242	0
PS BUSINESS PKS INC CALIF	COM 0181	69360J107	29	160	SH	DFND	28	0	160	0
PTC INC	COM 0068	69370C100	38	551	SH	DFND	28	0	551	0
PACCAR INC	COM 0070	693718108	2	22	SH	DFND	28	0	22	0
PACKAGING CORP AMER	COM 0106	695156109	203	1,913	SH	DFND	28	0	1,913	0
PALO ALTO NETWORKS INC	COM 0203	697435105	342	1,678	SH	DFND	28	0	1,678	0
PARKER HANNIFIN CORP	COM 0180	701094104	35	192	SH	DFND	28	0	192	0
PARSLEY ENERGY INC	CL A 0016	701877102	115	6,859	SH	DFND	28	0	6,859	0
PAYCHEX INC	COM 0082	704326107	7	84	SH	DFND	28	0	84	0
PAYCOM SOFTWARE INC	COM 0209	70432V102	17	81	SH	DFND	28	0	81	0
PAYLOCITY HLDG CORP	COM 0097	70438V106	7	71	SH	DFND	28	0	71	0
PAYPAL HLDGS INC	COM 0103	70450Y103	973	9,396	SH	DFND	28	0	9,396	0
PEBBLEBROOK HOTEL TR	COM 0027	70509V100	10	349	SH	DFND	28	0	349	0
PENN NATL GAMING INC	COM 0018	707569109	25	1,317	SH	DFND	28	0	1,317	0
PENSKE AUTOMOTIVE GRP INC	COM 0047	70959W103	0	8	SH	DFND	28	0	8	0

PENUMBRA INC	COM 0134	70975L107	30	220	SH	DFND	28	0	220	0
PEOPLES UTD FINL INC	COM 0015	712704105	1	62	SH	DFND	28	0	62	0
PEPSICO INC	COM 0137	713448108	569	4,150	SH	DFND	28	0	4,150	0
PERSPECTA INC	COM 0026	715347100	1	43	SH	DFND	28	0	43	0
PFIZER INC	COM 0035	717081103	308	8,570	SH	DFND	28	0	8,570	0
PHIBRO ANIMAL HEALTH CORP	CL A COM 0021	71742Q106	10	482	SH	DFND	28	0	482	0
PHILIP MORRIS INTL INC	COM 0075	718172109	285	3,752	SH	DFND	28	0	3,752	0
PHILLIPS 66	COM 0102	718546104	489	4,773	SH	DFND	28	0	4,773	0
PHYSICIANS RLTY TR	COM 0017	71943U104	110	6,178	SH	DFND	28	0	6,178	0
PIEDMONT OFFICE REALTY TR IN	COM CL A 0020	720190206	21	983	SH	DFND	28	0	983	0
PIMCO ETF TR	0-5 HIGH YIELD 0099	72201R783	1,020	10,222	SH	DFND	28	0	10,222	0
PINNACLE FINL PARTNERS INC	COM 0056	72346Q104	142	2,494	SH	DFND	28	0	2,494	0
PINNACLE WEST CAP CORP	COM 0097	723484101	15	158	SH	DFND	28	0	158	0
PIONEER NAT RES CO	COM 0125	723787107	171	1,356	SH	DFND	28	0	1,356	0
PLANET FITNESS INC	CL A 0057	72703H101	78	1,342	SH	DFND	28	0	1,342	0
PLEXUS CORP	COM 0062	729132100	33	521	SH	DFND	28	0	521	0
POLARIS INC	COM 0088	731068102	113	1,282	SH	DFND	28	0	1,282	0
POOL CORPORATION	COM 0201	73278L105	302	1,497	SH	DFND	28	0	1,497	0
PORTLAND GEN ELEC CO	COM NEW 0056	736508847	137	2,438	SH	DFND	28	0	2,438	0
POST HLDGS INC	COM 0105	737446104	7	70	SH	DFND	28	0	70	0
POWER INTEGRATIONS INC	COM 0090	739276103	208	2,301	SH	DFND	28	0	2,301	0
PREMIER INC	CL A 0028	74051N102	92	3,179	SH	DFND	28	0	3,179	0
PRICE T ROWE GROUP INC	COM 0114	74144T108	225	1,967	SH	DFND	28	0	1,967	0
PRIMERICA INC	COM 0127	74164M108	72	562	SH	DFND	28	0	562	0
PRINCIPAL FINL GROUP INC	COM 0057	74251V102	30	528	SH	DFND	28	0	528	0
PROASSURANCE CORP	COM 0040	74267C106	3	67	SH	DFND	28	0	67	0
PROCTER & GAMBLE CO	COM 0124	742718109	195	1,565	SH	DFND	28	0	1,565	0
PROGENICS PHARMACEUTICALS IN	COM 0005	743187106	2	488	SH	DFND	28	0	488	0
PROGRESS SOFTWARE CORP	COM 0038	743312100	19	497	SH	DFND	28	0	497	0
PROGRESSIVE CORP OHIO	COM 0077	743315103	798	10,334	SH	DFND	28	0	10,334	0
PROLOGIS INC	COM 0085	74340W103	396	4,650	SH	DFND	28	0	4,650	0
PROOFPOINT INC	COM 0129	743424103	51	394	SH	DFND	28	0	394	0
PROPETRO HLDG CORP	COM 0009	74347M108	3	345	SH	DFND	28	0	345	0
PROSPERITY BANCSHARES INC	COM 0070	743606105	174	2,458	SH	DFND	28	0	2,458	0
PROTO LABS INC	COM 0102	743713109	2	24	SH	DFND	28	0	24	0
PRUDENTIAL FINL INC	COM 0089	744320102	212	2,355	SH	DFND	28	0	2,355	0
PUBLIC SVC ENTERPRISE GRP IN	COM 0062	744573106	16	255	SH	DFND	28	0	255	0
PUBLIC STORAGE	COM 0245	74460D109	25	101	SH	DFND	28	0	101	0
QUAKER CHEM CORP	COM 0158	747316107	240	1,518	SH	DFND	28	0	1,518	0
QTS RLTY TR INC	COM CL A 0051	74736A103	86	1,674	SH	DFND	28	0	1,674	0
QORVO INC	COM 0074	74736K101	6	81	SH	DFND	28	0	81	0
Q2 HLDGS INC	COM 0078	74736L109	6	75	SH	DFND	28	0	75	0
QUALCOMM INC	COM 0076	747525103	400	5,247	SH	DFND	28	0	5,247	0
QUALYS INC	COM 0075	74758T303	8	103	SH	DFND	28	0	103	0
QUANTA SVCS INC	COM 0037	74762E102	6	161	SH	DFND	28	0	161	0
QUEST DIAGNOSTICS INC	COM 0107	74834L100	43	403	SH	DFND	28	0	403	0
QUIDEL CORP	COM 0061	74838J101	4	66	SH	DFND	28	0	66	0

QURATE RETAIL INC	COM SER A 0010	74915M100	2	236	SH	DFND	28	0	236	0
RA PHARMACEUTICALS INC	COM 0023	74933V108	3	121	SH	DFND	28	0	121	0
RLI CORP	COM 0092	749607107	64	687	SH	DFND	28	0	687	0
RPM INTL INC	COM 0068	749685103	278	4,040	SH	DFND	28	0	4,040	0
RALPH LAUREN CORP	CL A 0095	751212101	136	1,429	SH	DFND	28	0	1,429	0
RANGE RES CORP	COM 0003	75281A109	0	46	SH	DFND	28	0	46	0
RAPID7 INC	COM 0045	753422104	138	3,039	SH	DFND	28	0	3,039	0
RAYMOND JAMES FINANCIAL INC	COM 0082	754730109	170	2,057	SH	DFND	28	0	2,057	0
RAYTHEON CO	COM NEW 0196	755111507	131	669	SH	DFND	28	0	669	0
RBC BEARINGS INC	COM 0165	75524B104	313	1,889	SH	DFND	28	0	1,889	0
REALPAGE INC	COM 0062	75606N109	37	582	SH	DFND	28	0	582	0
REALTY INCOME CORP	COM 0076	756109104	85	1,103	SH	DFND	28	0	1,103	0
RED ROCK RESORTS INC	CL A 0020	75700L108	1	31	SH	DFND	28	0	31	0
REGAL BELOIT CORP	COM 0072	758750103	6	84	SH	DFND	28	0	84	0
REGENERON PHARMACEUTICALS	COM 0277	75886F107	58	209	SH	DFND	28	0	209	0
REGIONS FINL CORP NEW	COM 0015	7591EP100	38	2,388	SH	DFND	28	0	2,388	0
REINSURANCE GRP OF AMERICA I	COM NEW 0159	759351604	218	1,365	SH	DFND	28	0	1,365	0
RELIANCE STEEL & ALUMINUM CO	COM 0099	759509102	295	2,959	SH	DFND	28	0	2,959	0
RENASANT CORP	COM 0035	75970E107	16	458	SH	DFND	28	0	458	0
REPLIGEN CORP	COM 0076	759916109	21	277	SH	DFND	28	0	277	0
REPUBLIC SVCS INC	COM 0086	760759100	284	3,280	SH	DFND	28	0	3,280	0
RESMED INC	COM 0135	761152107	289	2,142	SH	DFND	28	0	2,142	0
RESIDEO TECHNOLOGIES INC	COM 0014	76118Y104	1	39	SH	DFND	28	0	39	0
RETAIL OPPORTUNITY INVTs COR	COM 0018	76131N101	0	2	SH	DFND	28	0	2	0
ROCKWELL AUTOMATION INC	COM 0164	773903109	13	81	SH	DFND	28	0	81	0
ROGERS CORP	COM 0136	775133101	1	5	SH	DFND	28	0	5	0
ROLLINS INC	COM 0034	775711104	9	254	SH	DFND	28	0	254	0
ROPER TECHNOLOGIES INC	COM 0356	776696106	723	2,028	SH	DFND	28	0	2,028	0
ROSS STORES INC	COM 0109	778296103	114	1,033	SH	DFND	28	0	1,033	0
ROYAL DUTCH SHELL PLC	SPON ADR B 0059	780259107	439	7,322	SH	DFND	28	0	7,322	0
RUSH ENTERPRISES INC	CL A 0038	781846209	25	655	SH	DFND	28	0	655	0
RYDER SYS INC	COM 0051	783549108	73	1,408	SH	DFND	28	0	1,408	0
RYMAN HOSPITALITY PPTYS INC	COM 0081	78377T107	72	885	SH	DFND	28	0	885	0
S&P GLOBAL INC	COM 0244	78409V104	42	173	SH	DFND	28	0	173	0
SBA COMMUNICATIONS CORP NEW	CL A 0241	78410G104	899	3,726	SH	DFND	28	0	3,726	0
SEI INVESTMENTS CO	COM 0059	784117103	5	91	SH	DFND	28	0	91	0
SPDR S&P 500 ETF TR	TR UNIT 0296	78462F103	1,316	4,434	SH	DFND	28	0	4,434	0
SPDR INDEX SHS FDS	S&P GLBDIV ETF 0067	78463X459	3	44	SH	DFND	28	0	44	0
SPDR SERIES TRUST	PORTFOLIO INTRMD0035	78464A375	757	21,470	SH	DFND	28	0	21,470	0
SPDR SERIES TRUST	PORTFOLIO SHORT 0030	78464A474	172	5,591	SH	DFND	28	0	5,591	0
SPDR SERIES TRUST	BLOMBERG INTL TR0028	78464A516	10	342	SH	DFND	28	0	342	0
SPDR SERIES TRUST	DJ REIT ETF 0104	78464A607	54	518	SH	DFND	28	0	518	0
SPDR SERIES TRUST	S&P DIVID ETF 0102	78464A763	331	3,227	SH	DFND	28	0	3,227	0

SS&C TECHNOLOGIES HLDGS INC	COM 0051	78467J100	196	3,799	SH	DFND	28	0	3,799	0
SPDR SERIES TRUST	BLOOMBERG BRCLYS0108	78468R622	685	6,303	SH	DFND	28	0	6,303	0
SPDR SERIES TRUST	SPDR BLOOMBERG 0091	78468R663	1,575	17,192	SH	DFND	28	0	17,192	0
SRC ENERGY INC	COM 0004	78470V108	15	3,197	SH	DFND	28	0	3,197	0
SVB FINL GROUP	COM 0208	78486Q101	45	214	SH	DFND	28	0	214	0
SABRA HEALTH CARE REIT INC	COM 0022	78573L106	4	185	SH	DFND	28	0	185	0
SABRE CORP	COM 0022	78573M104	53	2,362	SH	DFND	28	0	2,362	0
SAGE THERAPEUTICS INC	COM 0140	78667J108	17	121	SH	DFND	28	0	121	0
SAIA INC	COM 0093	78709Y105	38	407	SH	DFND	28	0	407	0
SALESFORCE COM INC	COM 0148	79466L302	837	5,637	SH	DFND	28	0	5,637	0
SANDERSON FARMS INC	COM 0151	800013104	31	207	SH	DFND	28	0	207	0
SANDY SPRING BANCORP INC	COM 0033	800363103	19	561	SH	DFND	28	0	561	0
SANMINA CORPORATION	COM 0032	801056102	4	129	SH	DFND	28	0	129	0
SAP SE	SPON ADR 0117	803054204	825	6,995	SH	DFND	28	0	6,995	0
SAREPTA THERAPEUTICS INC	COM 0075	803607100	9	117	SH	DFND	28	0	117	0
HENRY SCHEIN INC	COM 0063	806407102	11	179	SH	DFND	28	0	179	0
SCHLUMBERGER LTD	COM 0034	806857108	329	9,620	SH	DFND	28	0	9,620	0
SCHOLASTIC CORP	COM 0037	807066105	19	511	SH	DFND	28	0	511	0
THE CHARLES SCHWAB CORPORATI	COM 0041	808513105	371	8,871	SH	DFND	28	0	8,871	0
SCHWAB STRATEGIC TR	US LCAP GR ETF 0084	808524300	290	3,451	SH	DFND	28	0	3,451	0
SCHWAB STRATEGIC TR	SCHWB FDT INT LG0027	808524755	1,179	42,752	SH	DFND	28	0	42,752	0
SCOTTS MIRACLE GRO CO	CL A 0101	810186106	166	1,635	SH	DFND	28	0	1,635	0
SEALED AIR CORP NEW	COM 0041	81211K100	131	3,147	SH	DFND	28	0	3,147	0
SELECT SECTOR SPDR TR	SBI CONS STPLS 0061	81369Y308	8	129	SH	DFND	28	0	129	0
SELECT SECTOR SPDR TR	SBI CONS DISCR 0120	81369Y407	84	698	SH	DFND	28	0	698	0
SELECT SECTOR SPDR TR	SBI INT-INDS 0077	81369Y704	164	2,111	SH	DFND	28	0	2,111	0
SELECT SECTOR SPDR TR	TECHNOLOGY 0080	81369Y803	104	1,294	SH	DFND	28	0	1,294	0
SELECTIVE INS GROUP INC	COM 0075	816300107	84	1,113	SH	DFND	28	0	1,113	0
SEMPRA ENERGY	COM 0147	816851109	23	155	SH	DFND	28	0	155	0
SENSIENT TECHNOLOGIES CORP	COM 0068	81725T100	36	521	SH	DFND	28	0	521	0
SERVICE CORP INTL	COM 0047	817565104	13	262	SH	DFND	28	0	262	0
SERVICEMASTER GLOBAL HLDGS I	COM 0055	81761R109	0	7	SH	DFND	28	0	7	0
SERVICENOW INC	COM 0253	81762P102	96	379	SH	DFND	28	0	379	0
SHAKE SHACK INC	CL A 0098	819047101	10	102	SH	DFND	28	0	102	0
SHERWIN WILLIAMS CO	COM 0549	824348106	714	1,299	SH	DFND	28	0	1,299	0
SHOPIFY INC	CL A 0311	82509L107	513	1,645	SH	DFND	28	0	1,645	0
SIGNATURE BK NEW YORK N Y	COM 0119	82669G104	153	1,286	SH	DFND	28	0	1,286	0
SILICON LABORATORIES INC	COM 0111	826919102	156	1,398	SH	DFND	28	0	1,398	0
SIMON PPTY GROUP INC NEW	COM 0155	828806109	1	9	SH	DFND	28	0	9	0
SIMPLY GOOD FOODS CO	COM 0028	82900L102	26	900	SH	DFND	28	0	900	0
SINCLAIR BROADCAST GROUP INC	CL A 0042	829226109	5	107	SH	DFND	28	0	107	0
SITEONE LANDSCAPE SUPPLY INC	COM 0074	82982L103	40	538	SH	DFND	28	0	538	0
SKECHERS U S A INC	CL A 0037	830566105	3	76	SH	DFND	28	0	76	0

SKYWORKS SOLUTIONS INC	COM 0079	83088M102	17	212	SH	DFND	28	0	212	0
SMITH A O CORP	COM 0047	831865209	30	626	SH	DFND	28	0	626	0
SNAP ON INC	COM 0156	833034101	165	1,053	SH	DFND	28	0	1,053	0
SOLAREDDGE TECHNOLOGIES INC	COM 0083	83417M104	8	98	SH	DFND	28	0	98	0
SONOCO PRODS CO	COM 0058	835495102	84	1,444	SH	DFND	28	0	1,444	0
SOTHEBYS	COM 0056	835898107	1	26	SH	DFND	28	0	26	0
SOUTH JERSEY INDS INC	COM 0032	838518108	12	359	SH	DFND	28	0	359	0
SOUTH ST CORP	COM 0075	840441109	63	841	SH	DFND	28	0	841	0
SOUTHERN CO	COM 0061	842587107	162	2,630	SH	DFND	28	0	2,630	0
SOUTHWEST AIRLS CO	COM 0054	844741108	30	563	SH	DFND	28	0	563	0
SOUTHWEST GAS HOLDINGS INC	COM 0091	844895102	25	278	SH	DFND	28	0	278	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A 0082	848574109	16	197	SH	DFND	28	0	197	0
SPIRIT RLTY CAP INC NEW	COM NEW 0047	84860W300	3	54	SH	DFND	28	0	54	0
SPLUNK INC	COM 0117	848637104	220	1,869	SH	DFND	28	0	1,869	0
SPROUTS FMRS MKT INC	COM 0019	85208M102	11	583	SH	DFND	28	0	583	0
SQUARE INC	CL A 0061	852234103	3	47	SH	DFND	28	0	47	0
STAG INDL INC	COM 0029	85254J102	44	1,481	SH	DFND	28	0	1,481	0
STANDARD MTR PRODS INC	COM 0048	853666105	81	1,670	SH	DFND	28	0	1,670	0
STANDEX INTL CORP	COM 0072	854231107	52	720	SH	DFND	28	0	720	0
STANLEY BLACK & DECKER INC	COM 0144	854502101	65	449	SH	DFND	28	0	449	0
STARBUCKS CORP	COM 0088	855244109	163	1,840	SH	DFND	28	0	1,840	0
STARWOOD PPTY TR INC	COM 0024	85571B105	10	415	SH	DFND	28	0	415	0
STATE STR CORP	COM 0059	857477103	13	228	SH	DFND	28	0	228	0
STEEL DYNAMICS INC	COM 0029	858119100	8	280	SH	DFND	28	0	280	0
STEELCASE INC	CL A 0018	858155203	5	297	SH	DFND	28	0	297	0
STERICYCLE INC	COM 0050	858912108	83	1,630	SH	DFND	28	0	1,630	0
STERLING BANCORP DEL	COM 0020	85917A100	70	3,492	SH	DFND	28	0	3,492	0
STIFEL FINL CORP	COM 0057	860630102	175	3,049	SH	DFND	28	0	3,049	0
STORE CAP CORP	COM 0037	862121100	1	39	SH	DFND	28	0	39	0
STRYKER CORP	COM 0216	863667101	124	572	SH	DFND	28	0	572	0
SUMMIT HOTEL PPTYS INC	COM 0011	866082100	113	9,732	SH	DFND	28	0	9,732	0
SUMMIT MATLS INC	CL A 0022	86614U100	13	593	SH	DFND	28	0	593	0
SUN CMNTYS INC	COM 0148	866674104	253	1,705	SH	DFND	28	0	1,705	0
SUNTRUST BKS INC	COM 0068	867914103	178	2,588	SH	DFND	28	0	2,588	0
SYKES ENTERPRISES INC	COM 0030	871237103	26	842	SH	DFND	28	0	842	0
SYMANTEC CORP	COM 0023	871503108	33	1,389	SH	DFND	28	0	1,389	0
SYNOPSYS INC	COM 0137	871607107	344	2,509	SH	DFND	28	0	2,509	0
SYNOVUS FINL CORP	COM NEW 0035	87161C501	14	378	SH	DFND	28	0	378	0
SYNNEX CORP	COM 0112	87162W100	103	909	SH	DFND	28	0	909	0
SYNCHRONY FINL	COM 0034	87165B103	0	4	SH	DFND	28	0	4	0
SYNEOS HEALTH INC	CL A 0053	87166B102	98	1,846	SH	DFND	28	0	1,846	0
SYSCO CORP	COM 0079	871829107	82	1,039	SH	DFND	28	0	1,039	0
TCF FINANCIAL CORPORATION NE	COM 0038	872307103	72	1,888	SH	DFND	28	0	1,888	0
TJX COS INC NEW	COM 0055	872540109	1,151	20,652	SH	DFND	28	0	20,652	0
T MOBILE US INC	COM 0078	872590104	12	158	SH	DFND	28	0	158	0
TRI POINTE GROUP INC	COM 0015	87265H109	20	1,352	SH	DFND	28	0	1,352	0

TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS 0046	874039100	1,439	30,970	SH	DFND	28	0	30,970	0
TAILORED BRANDS INC	COM 0004	87403A107	0	5	SH	DFND	28	0	5	0
TAKE-TWO INTERACTIVE SOFTWARE	COM 0125	874054109	45	362	SH	DFND	28	0	362	0
TANDEM DIABETES CARE INC	COM NEW 0058	875372203	30	508	SH	DFND	28	0	508	0
TAPESTRY INC	COM 0026	876030107	11	432	SH	DFND	28	0	432	0
TARGET CORP	COM 0106	87612E106	1,157	10,825	SH	DFND	28	0	10,825	0
TAUBMAN CTRS INC	COM 0040	876664103	2	38	SH	DFND	28	0	38	0
TELADOC HEALTH INC	COM 0067	87918A105	62	912	SH	DFND	28	0	912	0
TELEDYNE TECHNOLOGIES INC	COM 0321	879360105	24	76	SH	DFND	28	0	76	0
TERADYNE INC	COM 0057	880770102	5	93	SH	DFND	28	0	93	0
TESLA INC	COM 0240	88160R101	12	50	SH	DFND	28	0	50	0
TETRA TECH INC NEW	COM 0086	88162G103	149	1,720	SH	DFND	28	0	1,720	0
TEXAS CAPITAL BANCSHARES INC	COM 0054	88224Q107	7	136	SH	DFND	28	0	136	0
TEXAS INSTRS INC	COM 0129	882508104	491	3,798	SH	DFND	28	0	3,798	0
TEXAS ROADHOUSE INC	COM 0052	882681109	91	1,736	SH	DFND	28	0	1,736	0
THE TRADE DESK INC	COM CL A 0187	88339J105	17	88	SH	DFND	28	0	88	0
THERMO FISHER SCIENTIFIC INC	COM 0291	883556102	1,021	3,507	SH	DFND	28	0	3,507	0
THOR INDS INC	COM 0056	885160101	2	38	SH	DFND	28	0	38	0
3M CO	COM 0164	88579Y101	107	650	SH	DFND	28	0	650	0
TIMKEN CO	COM 0043	887389104	48	1,094	SH	DFND	28	0	1,094	0
TOLL BROTHERS INC	COM 0041	889478103	10	238	SH	DFND	28	0	238	0
TOPBUILD CORP	COM 0096	89055F103	0	3	SH	DFND	28	0	3	0
TORO CO	COM 0073	891092108	251	3,426	SH	DFND	28	0	3,426	0
TOWNEBANK PORTSMOUTH VA	COM 0027	89214P109	18	652	SH	DFND	28	0	652	0
TRACTOR SUPPLY CO	COM 0090	892356106	85	943	SH	DFND	28	0	943	0
TRANSUNION	COM 0081	89400J107	5	59	SH	DFND	28	0	59	0
TRAVELERS COMPANIES INC	COM 0148	89417E109	129	866	SH	DFND	28	0	866	0
TREEHOUSE FOODS INC	COM 0055	89469A104	14	255	SH	DFND	28	0	255	0
TREX CO INC	COM 0090	89531P105	53	588	SH	DFND	28	0	588	0
TRIMBLE INC	COM 0038	896239100	22	557	SH	DFND	28	0	557	0
TRINITY INDS INC	COM 0019	896522109	1	44	SH	DFND	28	0	44	0
TRIUMPH GROUP INC NEW	COM 0022	896818101	35	1,508	SH	DFND	28	0	1,508	0
TRIPADVISOR INC	COM 0038	896945201	3	75	SH	DFND	28	0	75	0
TRUEBLUE INC	COM 0021	89785X101	17	785	SH	DFND	28	0	785	0
TRUSTMARK CORP	COM 0034	898402102	33	963	SH	DFND	28	0	963	0
TWITTER INC	COM 0041	90184L102	50	1,216	SH	DFND	28	0	1,216	0
II VI INC	COM 0035	902104108	3	97	SH	DFND	28	0	97	0
TYLER TECHNOLOGIES INC	COM 0262	902252105	208	793	SH	DFND	28	0	793	0
TYSON FOODS INC	CL A 0086	902494103	22	257	SH	DFND	28	0	257	0
UDR INC	COM 0048	902653104	8	165	SH	DFND	28	0	165	0
UGI CORP NEW	COM 0050	902681105	10	189	SH	DFND	28	0	189	0
UMB FINL CORP	COM 0064	902788108	37	567	SH	DFND	28	0	567	0
US BANCORP DEL	COM NEW 0055	902973304	202	3,648	SH	DFND	28	0	3,648	0
U S PHYSICAL THERAPY INC	COM 0130	90337L108	85	651	SH	DFND	28	0	651	0
UBER TECHNOLOGIES INC	COM 0030	90353T100	134	4,387	SH	DFND	28	0	4,387	0
ULTA BEAUTY INC	COM 0250	90384S303	59	235	SH	DFND	28	0	235	0
UMPQUA HLDGS CORP	COM 0016	904214103	16	996	SH	DFND	28	0	996	0

UNIFIRST CORP MASS	COM 0195	904708104	17	87	SH	DFND	28	0	87	0
UNILEVER PLC	SPON ADR NEW 0060	904767704	385	6,401	SH	DFND	28	0	6,401	0
UNILEVER N V	N Y SHS NEW 0060	904784709	185	3,075	SH	DFND	28	0	3,075	0
UNION PACIFIC CORP	COM 0161	907818108	514	3,173	SH	DFND	28	0	3,173	0
UNITED CMNTY BKS BLAIRSVLE G	COM 0028	90984P303	26	902	SH	DFND	28	0	902	0
UNITED BANKSHARES INC WEST V	COM 0037	909907107	83	2,190	SH	DFND	28	0	2,190	0
UNITED FIRE GROUP INC	COM 0046	910340108	3	56	SH	DFND	28	0	56	0
UNITED NAT FOODS INC	COM 0011	911163103	0	39	SH	DFND	28	0	39	0
UNITED PARCEL SERVICE INC	CL B 0119	911312106	547	4,562	SH	DFND	28	0	4,562	0
UNITED RENTALS INC	COM 0124	911363109	6	50	SH	DFND	28	0	50	0
US FOODS HLDG CORP	COM 0041	912008109	11	277	SH	DFND	28	0	277	0
UNITED TECHNOLOGIES CORP	COM 0136	913017109	347	2,541	SH	DFND	28	0	2,541	0
UNITEDHEALTH GROUP INC	COM 0217	91324P102	1,015	4,669	SH	DFND	28	0	4,669	0
UNITIL CORP	COM 0063	913259107	18	284	SH	DFND	28	0	284	0
UNIVERSAL DISPLAY CORP	COM 0167	91347P105	35	207	SH	DFND	28	0	207	0
UNIVERSAL ELECTRS INC	COM 0050	913483103	27	525	SH	DFND	28	0	525	0
UNIVERSAL HLTH SVCS INC	CL B 0148	913903100	17	117	SH	DFND	28	0	117	0
URBAN EDGE PPTYS	COM 0019	91704F104	2	96	SH	DFND	28	0	96	0
V F CORP	COM 0088	918204108	61	684	SH	DFND	28	0	684	0
VAIL RESORTS INC	COM 0227	91879Q109	149	655	SH	DFND	28	0	655	0
VALERO ENERGY CORP NEW	COM 0085	91913Y100	163	1,907	SH	DFND	28	0	1,907	0
VANGUARD STAR FD	VG TL INTL STK F0051	921909768	485	9,388	SH	DFND	28	0	9,388	0
VANGUARD ADMIRAL FDS INC	500 GRTH IDX F 0161	921932505	431	2,666	SH	DFND	28	0	2,666	0
VANGUARD ADMIRAL FDS INC	500 VAL IDX FD 0114	921932703	538	4,677	SH	DFND	28	0	4,677	0
VANGUARD BD INDEX FD INC	LONG TERM BOND 0102	921937793	1,624	15,819	SH	DFND	28	0	15,819	0
VANGUARD BD INDEX FD INC	INTERMED TERM 0088	921937819	2,087	23,713	SH	DFND	28	0	23,713	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND 0080	921937827	1,379	17,065	SH	DFND	28	0	17,065	0
VANGUARD BD INDEX FD INC	TOTAL BND MRKT 0084	921937835	443	5,249	SH	DFND	28	0	5,249	0
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF0041	921943858	2,962	72,103	SH	DFND	28	0	72,103	0
VANGUARD WHITEHALL FDS INC	HIGH DIV YLD 0088	921946406	231	2,607	SH	DFND	28	0	2,607	0
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF 0058	92203J407	1,565	26,596	SH	DFND	28	0	26,596	0
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF 0058	922042676	15	264	SH	DFND	28	0	264	0
VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US 0049	922042775	444	8,902	SH	DFND	28	0	8,902	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF0040	922042858	1,004	24,931	SH	DFND	28	0	24,931	0
VANGUARD WORLD FDS	CONSUM DIS ETF 0180	92204A108	921	5,111	SH	DFND	28	0	5,111	0
VANGUARD WORLD FDS	CONSUM STP ETF 0156	92204A207	378	2,412	SH	DFND	28	0	2,412	0
VANGUARD WORLD FDS	INF TECH ETF 0215	92204A702	740	3,435	SH	DFND	28	0	3,435	0
VANGUARD WORLD FDS	UTILITIES ETF 0143	92204A876	793	5,523	SH	DFND	28	0	5,523	0
VANGUARD WORLD FDS	COMM SRVC ETF 0086	92204A884	589	6,795	SH	DFND	28	0	6,795	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD0081	92206C409	1,385	17,088	SH	DFND	28	0	17,088	0

VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW 0140	92206C623	267	1,908	SH	DFND	28	0	1,908	0
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC 0053	92206C771	746	14,006	SH	DFND	28	0	14,006	0
VAREX IMAGING CORP	COM 0028	92214X106	15	529	SH	DFND	28	0	529	0
VARIAN MED SYS INC	COM 0119	92220P105	171	1,435	SH	DFND	28	0	1,435	0
VEEVA SYS INC	CL A COM 0152	922475108	57	373	SH	DFND	28	0	373	0
VENTAS INC	COM 0073	92276F100	135	1,846	SH	DFND	28	0	1,846	0
VANGUARD INDEX FDS	S&P 500 ETF SHS 0272	922908363	4,734	17,367	SH	DFND	28	0	17,367	0
VANGUARD INDEX FDS	REAL ESTATE ETF 0093	922908553	113	1,214	SH	DFND	28	0	1,214	0
VANGUARD INDEX FDS	SML CP GRW ETF 0182	922908595	253	1,392	SH	DFND	28	0	1,392	0
VANGUARD INDEX FDS	SM CP VAL ETF 0128	922908611	601	4,660	SH	DFND	28	0	4,660	0
VANGUARD INDEX FDS	MID CAP ETF 0167	922908629	437	2,605	SH	DFND	28	0	2,605	0
VANGUARD INDEX FDS	EXTEND MKT ETF 0116	922908652	578	4,966	SH	DFND	28	0	4,966	0
VANGUARD INDEX FDS	GROWTH ETF 0166	922908736	710	4,271	SH	DFND	28	0	4,271	0
VANGUARD INDEX FDS	VALUE ETF 0111	922908744	707	6,331	SH	DFND	28	0	6,331	0
VANGUARD INDEX FDS	SMALL CP ETF 0153	922908751	925	6,011	SH	DFND	28	0	6,011	0
VEREIT INC	COM 0009	92339V100	129	13,214	SH	DFND	28	0	13,214	0
VERIZON COMMUNICATIONS INC	COM 0060	92343V104	648	10,731	SH	DFND	28	0	10,731	0
VERISK ANALYTICS INC	COM 0158	92345Y106	197	1,244	SH	DFND	28	0	1,244	0
VERTEX PHARMACEUTICALS INC	COM 0169	92532F100	199	1,174	SH	DFND	28	0	1,174	0
VERSUM MATLS INC	COM 0052	92532W103	1	14	SH	DFND	28	0	14	0
VIAVI SOLUTIONS INC	COM 0014	925550105	16	1,112	SH	DFND	28	0	1,112	0
VICI PPTYS INC	COM 0022	925652109	5	202	SH	DFND	28	0	202	0
VIPSHOP HLDGS LTD	SPONSORED ADS A 0008	92763W103	11	1,276	SH	DFND	28	0	1,276	0
VISA INC	COM CL A 0172	92826C839	2,508	14,579	SH	DFND	28	0	14,579	0
VISTEON CORP	COM NEW 0082	92839U206	0	3	SH	DFND	28	0	3	0
VISTRA ENERGY CORP	COM 0026	92840M102	2	74	SH	DFND	28	0	74	0
VMWARE INC	CL A COM 0150	928563402	472	3,145	SH	DFND	28	0	3,145	0
VORNADO RLTY TR	SH BEN INT 0063	929042109	4	60	SH	DFND	28	0	60	0
VULCAN MATLS CO	COM 0151	929160109	2	14	SH	DFND	28	0	14	0
WD-40 CO	COM 0183	929236107	94	513	SH	DFND	28	0	513	0
WABCO HLDGS INC	COM 0133	92927K102	66	490	SH	DFND	28	0	490	0
WEC ENERGY GROUP INC	COM 0095	92939U106	165	1,730	SH	DFND	28	0	1,730	0
WABTEC CORP	COM 0071	929740108	129	1,793	SH	DFND	28	0	1,793	0
WALMART INC	COM 0118	931142103	821	6,914	SH	DFND	28	0	6,914	0
WALGREENS BOOTS ALLIANCE INC	COM 0055	931427108	54	973	SH	DFND	28	0	973	0
WASTE CONNECTIONS INC	COM 0092	94106B101	115	1,248	SH	DFND	28	0	1,248	0
WASTE MGMT INC DEL	COM 0115	94106L109	68	591	SH	DFND	28	0	591	0
WATERS CORP	COM 0223	941848103	41	182	SH	DFND	28	0	182	0
WATSCO INC	COM 0169	942622200	22	133	SH	DFND	28	0	133	0
WAYFAIR INC	CL A 0112	94419L101	9	80	SH	DFND	28	0	80	0
WEBSTER FINL CORP CONN	COM 0046	947890109	150	3,193	SH	DFND	28	0	3,193	0
WELBILT INC	COM 0016	949090104	3	153	SH	DFND	28	0	153	0
WELLCARE HEALTH PLANS INC	COM 0259	94946T106	2	9	SH	DFND	28	0	9	0

WELLS FARGO CO NEW	COM 0050	949746101	306	6,065	SH	DFND	28	0	6,065	0
WELLTOWER INC	COM 0090	95040Q104	183	2,018	SH	DFND	28	0	2,018	0
WESBANCO INC	COM 0037	950810101	25	656	SH	DFND	28	0	656	0
WEST PHARMACEUTICAL SVSC INC	COM 0141	955306105	457	3,222	SH	DFND	28	0	3,222	0
WESTERN ALLIANCE BANCORP	COM 0046	957638109	166	3,611	SH	DFND	28	0	3,611	0
WESTERN DIGITAL CORP	COM 0059	958102105	12	197	SH	DFND	28	0	197	0
WEYERHAEUSER CO	COM 0027	962166104	97	3,491	SH	DFND	28	0	3,491	0
WHIRLPOOL CORP	COM 0158	963320106	6	37	SH	DFND	28	0	37	0
WILLIAMS COS INC DEL	COM 0024	969457100	9	390	SH	DFND	28	0	390	0
WINGSTOP INC	COM 0087	974155103	38	440	SH	DFND	28	0	440	0
WINTRUST FINL CORP	COM 0064	97650W108	1	23	SH	DFND	28	0	23	0
WISDOMTREE TR	EMER MKT HIGH FD0041	97717W315	12	302	SH	DFND	28	0	302	0
WOLVERINE WORLD WIDE INC	COM 0028	978097103	15	533	SH	DFND	28	0	533	0
WOODWARD INC	COM 0107	980745103	141	1,309	SH	DFND	28	0	1,309	0
WORKDAY INC	CL A 0169	98138H101	39	227	SH	DFND	28	0	227	0
WORLD WRESTLING ENTMT INC	CL A 0071	98156Q108	7	97	SH	DFND	28	0	97	0
WW INTL INC	COM 0037	98262P101	1	17	SH	DFND	28	0	17	0
WYNDHAM DESTINATIONS INC	COM 0046	98310W108	8	168	SH	DFND	28	0	168	0
WYNDHAM HOTELS & RESORTS INC	COM 0051	98311A105	10	184	SH	DFND	28	0	184	0
WYNN RESORTS LTD	COM 0108	983134107	24	220	SH	DFND	28	0	220	0
XPO LOGISTICS INC	COM 0071	983793100	11	155	SH	DFND	28	0	155	0
XCEL ENERGY INC	COM 0064	98389B100	26	396	SH	DFND	28	0	396	0
XILINX INC	COM 0095	983919101	443	4,618	SH	DFND	28	0	4,618	0
XYLEM INC	COM 0079	98419M100	18	228	SH	DFND	28	0	228	0
XEROX HOLDINGS CORP	COM NEW 0029	98421M106	0	16	SH	DFND	28	0	16	0
YUM BRANDS INC	COM 0113	988498101	17	151	SH	DFND	28	0	151	0
YUM CHINA HLDGS INC	COM 0045	98850P109	35	775	SH	DFND	28	0	775	0
ZAYO GROUP HLDGS INC	COM 0033	98919V105	16	477	SH	DFND	28	0	477	0
ZEBRA TECHNOLOGIES CORP	CL A 0206	989207105	764	3,702	SH	DFND	28	0	3,702	0
ZENDESK INC	COM 0072	98936J101	2	23	SH	DFND	28	0	23	0
ZIMMER BIOMET HLDGS INC	COM 0137	98956P102	16	120	SH	DFND	28	0	120	0
ZIONS BANCORPORATION N A	COM 0044	989701107	2	38	SH	DFND	28	0	38	0
ZOETIS INC	CL A 0124	98978V103	1,267	10,166	SH	DFND	28	0	10,166	0
ZSCALER INC	COM 0047	98980G102	8	174	SH	DFND	28	0	174	0
ADIENT PLC	ORD SHS 0022	G0084W101	0	12	SH	DFND	28	0	12	0
ALLEGION PUB LTD CO	ORD SHS 0103	G0176J109	31	300	SH	DFND	28	0	300	0
ALLERGAN PLC	SHS 0168	G0177J108	27	158	SH	DFND	28	0	158	0
AMCOR PLC	ORD 0009	G0250X107	29	2,956	SH	DFND	28	0	2,956	0
AMDOCS LTD	SHS 0066	G02602103	4	62	SH	DFND	28	0	62	0
AMBARELLA INC	SHS 0062	G037AX101	27	433	SH	DFND	28	0	433	0
AON PLC	SHS CL A 0193	G0408V102	83	431	SH	DFND	28	0	431	0
ARCH CAP GROUP LTD	ORD 0041	G0450A105	196	4,670	SH	DFND	28	0	4,670	0
ARGO GROUP INTL HLDGS LTD	COM 0070	G0464B107	64	904	SH	DFND	28	0	904	0
AXIS CAPITAL HOLDINGS LTD	SHS 0066	G0692U109	0	5	SH	DFND	28	0	5	0
AXALTA COATING SYS LTD	COM 0030	G0750C108	1	48	SH	DFND	28	0	48	0
BIOHAVEN PHARMACTL HLDG CO L	COM 0041	G11196105	19	448	SH	DFND	28	0	448	0

ACCENTURE PLC IRELAND	SHS CLASS A 0192	G1151C101	629	3,268	SH	DFND	28	0	3,268	0
COCA COLA EUROPEAN PARTNERS	SHS 0055	G25839104	20	361	SH	DFND	28	0	361	0
EATON CORP PLC	SHS 0083	G29183103	201	2,414	SH	DFND	28	0	2,414	0
ENDO INTL PLC	SHS 0003	G30401106	0	45	SH	DFND	28	0	45	0
ENSTAR GROUP LIMITED	SHS 0189	G3075P101	7	38	SH	DFND	28	0	38	0
EVEREST RE GROUP LTD	COM 0266	G3223R108	23	86	SH	DFND	28	0	86	0
FRESH DEL MONTE PRODUCE INC	ORD 0034	G36738105	18	542	SH	DFND	28	0	542	0
GENPACT LIMITED	SHS 0038	G3922B107	391	10,085	SH	DFND	28	0	10,085	0
HORIZON THERAPEUTICS PUB LTD	SHS 0027	G46188101	47	1,739	SH	DFND	28	0	1,739	0
IHS MARKIT LTD	SHS 0066	G47567105	257	3,850	SH	DFND	28	0	3,850	0
INGERSOLL-RAND PLC	SHS 0123	G47791101	345	2,802	SH	DFND	28	0	2,802	0
INVESCO LTD	SHS 0016	G491BT108	36	2,097	SH	DFND	28	0	2,097	0
JAMES RIV GROUP LTD	COM 0051	G5005R107	137	2,673	SH	DFND	28	0	2,673	0
JAZZ PHARMACEUTICALS PLC	SHS USD 0128	G50871105	109	850	SH	DFND	28	0	850	0
JOHNSON CTLS INTL PLC	SHS 0043	G51502105	249	5,681	SH	DFND	28	0	5,681	0
LIBERTY GLOBAL PLC	SHS CL C 0023	G5480U120	12	504	SH	DFND	28	0	504	0
LINDE PLC	SHS 0193	G5494J103	653	3,372	SH	DFND	28	0	3,372	0
LIVANOVA PLC	SHS 0073	G5509L101	1	15	SH	DFND	28	0	15	0
MARVELL TECHNOLOGY GROUP LTD	ORD 0024	G5876H105	3	115	SH	DFND	28	0	115	0
MEDTRONIC PLC	SHS 0108	G5960L103	540	4,970	SH	DFND	28	0	4,970	0
APTIV PLC	SHS 0087	G6095L109	102	1,166	SH	DFND	28	0	1,166	0
NOVOCURE LTD	ORD SHS 0074	G6674U108	7	92	SH	DFND	28	0	92	0
NVENT ELECTRIC PLC	SHS 0022	G6700G107	0	10	SH	DFND	28	0	10	0
RENAISSANCERE HOLDINGS LTD	COM 0193	G7496G103	109	562	SH	DFND	28	0	562	0
SEAGATE TECHNOLOGY PLC	SHS 0053	G7945M107	7	130	SH	DFND	28	0	130	0
PENTAIR PLC	SHS 0037	G7S00T104	1	35	SH	DFND	28	0	35	0
SENSATA TECHNOLOGIES HLDNG P	SHS 0050	G8060N102	102	2,032	SH	DFND	28	0	2,032	0
STERIS PLC	SHS USD 0144	G8473T100	565	3,911	SH	DFND	28	0	3,911	0
TECHNIPFMC PLC	COM 0024	G87110105	206	8,521	SH	DFND	28	0	8,521	0
TRITON INTL LTD	CL A 0033	G9078F107	0	6	SH	DFND	28	0	6	0
ALCON INC	ORD SHS 0058	H01301128	305	5,240	SH	DFND	28	0	5,240	0
CHUBB LIMITED	COM 0161	H1467J104	685	4,245	SH	DFND	28	0	4,245	0
TE CONNECTIVITY LTD	REG SHS 0093	H84989104	144	1,542	SH	DFND	28	0	1,542	0
GLOBANT S A	COM 0091	L44385109	2	26	SH	DFND	28	0	26	0
SPOTIFY TECHNOLOGY S A	SHS 0114	L8681T102	20	178	SH	DFND	28	0	178	0
CHECK POINT SOFTWARE TECH LT	ORD 0109	M22465104	517	4,723	SH	DFND	28	0	4,723	0
AERCAP HOLDINGS NV	SHS 0054	N00985106	73	1,338	SH	DFND	28	0	1,338	0
ASML HOLDING N V	N Y REGISTRY SHS0248	N07059210	363	1,462	SH	DFND	28	0	1,462	0
CORE LABORATORIES N V	COM 0046	N22717107	11	230	SH	DFND	28	0	230	0
LYONDELLBASELL INDUSTRIES N	SHS - A - 0089	N53745100	75	833	SH	DFND	28	0	833	0
NXP SEMICONDUCTORS N V	COM 0109	N6596X109	430	3,939	SH	DFND	28	0	3,939	0
YANDEX N V	SHS CLASS A 0035	N97284108	250	7,145	SH	DFND	28	0	7,145	0
ROYAL CARIBBEAN CRUISES LTD	COM 0108	V7780T103	43	397	SH	DFND	28	0	397	0

BAIDU INC	SPON ADR REP A 0102	056752108	92	910 SH	DFND	18	0	910	0
GARDNER DENVER HLDGS INC	COM 0028	36555P107	171	6,050 SH	DFND	14	6,050	0	0
ISHARES TR	MBS ETF 0108	464288588	169	1,564 SH	DFND	18	0	1,564	0
MORNINGSTAR INC	COM 0146	617700109	161	1,103 SH	DFND	14	1,103	0	0
NUTANIX INC	CL A 0026	67059N108	168	6,400 SH	DFND	14	6,400	0	0
ARTISAN PARTNERS ASSET MGMT	CL A 0028	04316A108	164	5,804 SH	DFND	14	5,140	664	0
CASELLA WASTE SYS INC	CL A 0042	147448104	192	4,476 SH	DFND	14	4,042	434	0
FIRST HAWAIIAN INC	COM 0026	32051X108	199	7,450 SH	DFND	14	7,450	0	0
ICF INTL INC	COM 0084	44925C103	182	2,160 SH	DFND	14	1,746	414	0