

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: 09-30-2018

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 Newark, NJ 09-01-2021
[Signature] [City, State] [Date]

This amended filing reflects a revised listing of 13F securities which takes into account 13F securities for Pruco Securities, LLC.

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: 0

Form 13F Information Table Entry Total: 835

Form 13F Information Table Value Total: 62,187
(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.]

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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
AFLAC INC	COM 0047	001055102	12	255	SH DFND	10	0 255 0
AMN HEALTHCARE SERVICES INC	COM 0054	001744101	5	94	SH DFND	10	0 94 0
AT&T INC	COM 0033	00206R102	43	1,273	SH DFND	10	0 1,273 0
ABBOTT LABS	COM 0073	002824100	63	854	SH DFND	10	0 854 0
ABBVIE INC	COM 0094	00287Y109	81	859	SH DFND	10	0 859 0
ABIOMED INC	COM 0449	003654100	8	17	SH DFND	10	0 17 0
ACADIA HEALTHCARE COMPANY IN	COM 0035	00404A109	8	234	SH DFND	10	0 234 0
ACTIVISION BLIZZARD INC	COM 0083	00507V109	20	243	SH DFND	10	0 243 0
ACUITY BRANDS INC	COM 0157	00508Y102	4	23	SH DFND	10	0 23 0
ADOBE SYS INC	COM 0269	00724F101	191	706	SH DFND	10	0 706 0
ADVANCE AUTO PARTS INC	COM 0168	00751Y106	6	36	SH DFND	10	0 36 0
ADVANCED MICRO DEVICES INC	COM 0030	007903107	9	276	SH DFND	10	0 276 0
AETNA INC NEW	COM 0202	00817Y108	31	155	SH DFND	10	0 155 0
AFFILIATED MANAGERS GROUP	COM 0136	008252108	2	13	SH DFND	10	0 13 0
AGILENT TECHNOLOGIES INC	COM 0070	00846U101	38	541	SH DFND	10	0 541 0
AIR LEASE CORP	CL A 0045	00912X302	7	144	SH DFND	10	0 144 0
AIR PRODS & CHEMS INC	COM 0167	009158106	2	13	SH DFND	10	0 13 0
AKAMAI TECHNOLOGIES INC	COM 0073	00971T101	89	1,216	SH DFND	10	0 1,216 0
ALASKA AIR GROUP INC	COM 0068	011659109	1	15	SH DFND	10	0 15 0
ALBANY INTL CORP	CL A 0079	012348108	4	49	SH DFND	10	0 49 0
ALBEMARLE CORP	COM 0099	012653101	6	65	SH DFND	10	0 65 0
ALEXANDRIA REAL ESTATE EQ IN	COM 0125	015271109	1	5	SH DFND	10	0 5 0
ALEXION PHARMACEUTICALS INC	COM 0139	015351109	65	464	SH DFND	10	0 464 0
ALIBABA GROUP HLDG LTD	SPONSORED ADS 0164	01609W102	77	465	SH DFND	10	0 465 0
ALIGN TECHNOLOGY INC	COM 0391	016255101	123	314	SH DFND	10	0 314 0
ALLEGHENY TECHNOLOGIES INC	COM 0029	01741R102	8	267	SH DFND	10	0 267 0
ALLIANCE DATA SYSTEMS CORP	COM 0236	018581108	1	3	SH DFND	10	0 3 0
ALLISON TRANSMISSION HLDGS I	COM 0052	01973R101	13	241	SH DFND	10	0 241 0
ALLSTATE CORP	COM 0098	020002101	6	56	SH DFND	10	0 56 0
ALPHABET INC	CAP STK CL C 1193	02079K107	218	183	SH DFND	10	0 183 0

ALPHABET INC	CAP STK CL A 1207	02079K305	148	123	SH	DFND	10	0	123	0
ALTRA INDL MOTION CORP	COM 0041	02208R106	3	64	SH	DFND	10	0	64	0
ALTRIA GROUP INC	COM 0060	02209S103	80	1,324	SH	DFND	10	0	1,324	0
AMAZON COM INC	COM 2003	023135106	511	255	SH	DFND	10	0	255	0
AMEREN CORP	COM 0063	023608102	3	47	SH	DFND	10	0	47	0
AMERICAN CAMPUS CMNTYS INC	COM 0041	024835100	17	410	SH	DFND	10	0	410	0
AMERICAN ELEC PWR INC	COM 0070	025537101	12	175	SH	DFND	10	0	175	0
AMERICAN EQTY INVT LIFE HLD	COM 0035	025676206	6	159	SH	DFND	10	0	159	0
AMERICAN EXPRESS CO	COM 0106	025816109	57	534	SH	DFND	10	0	534	0
AMERICAN INTL GROUP INC	COM NEW 0053	026874784	62	1,160	SH	DFND	10	0	1,160	0
AMERICAN STS WTR CO	COM 0061	029899101	12	188	SH	DFND	10	0	188	0
AMERICAN TOWER CORP NEW	COM 0145	03027X100	53	365	SH	DFND	10	0	365	0
AMERICAN WTR WKS CO INC NEW	COM 0087	030420103	6	72	SH	DFND	10	0	72	0
AMERICAN WOODMARK CORPORATIO	COM 0078	030506109	1	12	SH	DFND	10	0	12	0
AMERISAFE INC	COM 0061	03071H100	9	138	SH	DFND	10	0	138	0
AMERISOURCEBERGEN CORP	COM 0092	03073E105	16	171	SH	DFND	10	0	171	0
AMERIPRISE FINL INC	COM 0147	03076C106	2	12	SH	DFND	10	0	12	0
AMETEK INC NEW	COM 0079	031100100	26	326	SH	DFND	10	0	326	0
AMGEN INC	COM 0207	031162100	96	461	SH	DFND	10	0	461	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A 0022	03168L105	7	333	SH	DFND	10	0	333	0
AMPHENOL CORP NEW	CL A 0094	032095101	71	758	SH	DFND	10	0	758	0
ANADARKO PETE CORP	COM 0067	032511107	3	46	SH	DFND	10	0	46	0
ANALOG DEVICES INC	COM 0092	032654105	6	64	SH	DFND	10	0	64	0
ANGIODYNAMICS INC	COM 0021	03475V101	0	22	SH	DFND	10	0	22	0
ANIXTER INTL INC	COM 0070	035290105	1	13	SH	DFND	10	0	13	0
ANSYS INC	COM 0186	03662Q105	42	224	SH	DFND	10	0	224	0
ANTHEM INC	COM 0274	036752103	19	69	SH	DFND	10	0	69	0
APERGY CORP	COM 0043	03755L104	4	98	SH	DFND	10	0	98	0
APPLE INC	COM 0225	037833100	290	1,285	SH	DFND	10	0	1,285	0
APPLIED INDL TECHNOLOGIES IN	COM 0078	03820C105	30	389	SH	DFND	10	0	389	0
APPLIED MATLS INC	COM 0038	038222105	2	63	SH	DFND	10	0	63	0
APTARGROUP INC	COM 0107	038336103	14	127	SH	DFND	10	0	127	0
ARCHER DANIELS MIDLAND CO	COM 0050	039483102	94	1,873	SH	DFND	10	0	1,873	0
ARISTA NETWORKS INC	COM 0265	040413106	1	4	SH	DFND	10	0	4	0
ARROW ELECTRS INC	COM 0073	042735100	4	56	SH	DFND	10	0	56	0
ASPEN TECHNOLOGY INC	COM 0113	045327103	19	164	SH	DFND	10	0	164	0
AUTODESK INC	COM 0156	052769106	56	356	SH	DFND	10	0	356	0
AUTOMATIC DATA PROCESSING IN	COM 0150	053015103	21	142	SH	DFND	10	0	142	0
AUTOZONE INC	COM 0775	053332102	19	25	SH	DFND	10	0	25	0
AVALONBAY CMNTYS INC	COM 0181	053484101	5	29	SH	DFND	10	0	29	0
AVANGRID INC	COM 0047	05351W103	4	79	SH	DFND	10	0	79	0
AVERY DENNISON CORP	COM 0108	053611109	116	1,075	SH	DFND	10	0	1,075	0
AVISTA CORP	COM 0050	05379B107	1	27	SH	DFND	10	0	27	0
BB&T CORP	COM 0048	054937107	24	495	SH	DFND	10	0	495	0
BOK FINL CORP	COM NEW 0097	05561Q201	52	533	SH	DFND	10	0	533	0

BWX TECHNOLOGIES INC	COM 0062	05605H100	44	698	SH	DFND	10	0	698	0
BADGER METER INC	COM 0052	056525108	13	245	SH	DFND	10	0	245	0
BAIDU INC	SPON ADR REP A 0228	056752108	126	550	SH	DFND	10	0	550	0
BALCHEM CORP	COM 0112	057665200	1	11	SH	DFND	10	0	11	0
BANK AMER CORP	COM 0029	060505104	73	2,463	SH	DFND	10	0	2,463	0
BANK NEW YORK MELLON CORP	COM 0050	064058100	12	232	SH	DFND	10	0	232	0
BANK OZK	COM 0037	06417N103	13	338	SH	DFND	10	0	338	0
BANKUNITED INC	COM 0035	06652K103	8	239	SH	DFND	10	0	239	0
BARNES GROUP INC	COM 0071	067806109	4	60	SH	DFND	10	0	60	0
BAXTER INTL INC	COM 0077	071813109	164	2,130	SH	DFND	10	0	2,130	0
BEACON ROOFING SUPPLY INC	COM 0036	073685109	3	76	SH	DFND	10	0	76	0
BECTON DICKINSON & CO	COM 0261	075887109	14	52	SH	DFND	10	0	52	0
BENCHMARK ELECTRS INC	COM 0023	08160H101	1	24	SH	DFND	10	0	24	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW 0214	084670702	15	68	SH	DFND	10	0	68	0
BERRY GLOBAL GROUP INC	COM 0048	08579W103	8	174	SH	DFND	10	0	174	0
BIO RAD LABS INC	CL A 0312	090572207	16	50	SH	DFND	10	0	50	0
BIOMARIN PHARMACEUTICAL INC	COM 0096	09061G101	27	282	SH	DFND	10	0	282	0
BIOGEN INC	COM 0353	09062X103	70	197	SH	DFND	10	0	197	0
BJS RESTAURANTS INC	COM 0072	09180C106	18	245	SH	DFND	10	0	245	0
BLACK HILLS CORP	COM 0058	092113109	2	26	SH	DFND	10	0	26	0
BLACK KNIGHT INC	COM 0051	09215C105	14	277	SH	DFND	10	0	277	0
BLACKBAUD INC	COM 0101	09227Q100	18	182	SH	DFND	10	0	182	0
BLACKROCK INC	COM 0471	09247X101	70	148	SH	DFND	10	0	148	0
BOEING CO	COM 0371	097023105	70	188	SH	DFND	10	0	188	0
BOJANGLES INC	COM 0015	097488100	1	49	SH	DFND	10	0	49	0
BOOKING HLDGS INC	COM 1984	09857L108	69	35	SH	DFND	10	0	35	0
BOOZ ALLEN HAMILTON HLDG COR	CL A 0049	099502106	22	440	SH	DFND	10	0	440	0
BORGWARNER INC	COM 0042	099724106	7	172	SH	DFND	10	0	172	0
BOSTON PROPERTIES INC	COM 0123	101121101	3	26	SH	DFND	10	0	26	0
BOSTON SCIENTIFIC CORP	COM 0038	101137107	39	1,007	SH	DFND	10	0	1,007	0
BOX INC	CL A 0023	10316T104	1	21	SH	DFND	10	0	21	0
BRIGHT HORIZONS FAM SOL IN D	COM 0117	109194100	2	19	SH	DFND	10	0	19	0
BRISTOL MYERS SQUIBB CO	COM 0062	110122108	3	42	SH	DFND	10	0	42	0
BRITISH AMERN TOB PLC	SPONSORED ADR 0046	110448107	38	816	SH	DFND	10	0	816	0
BROADRIDGE FINL SOLUTIONS IN	COM 0131	11133T103	14	107	SH	DFND	10	0	107	0
BROADCOM INC	COM 0246	11135F101	4	15	SH	DFND	10	0	15	0
BRUNSWICK CORP	COM 0067	117043109	3	40	SH	DFND	10	0	40	0
BURLINGTON STORES INC	COM 0162	122017106	56	343	SH	DFND	10	0	343	0
CBS CORP NEW	CL B 0057	124857202	4	70	SH	DFND	10	0	70	0
CBRE GROUP INC	CL A 0044	12504L109	10	221	SH	DFND	10	0	221	0
CDK GLOBAL INC	COM 0062	12508E101	0	2	SH	DFND	10	0	2	0
CDW CORP	COM 0088	12514G108	6	62	SH	DFND	10	0	62	0
CF INDS HLDGS INC	COM 0054	125269100	5	87	SH	DFND	10	0	87	0
C H ROBINSON WORLDWIDE INC	COM NEW 0097	12541W209	1	14	SH	DFND	10	0	14	0

CIGNA CORPORATION	COM 0208	125509109	23	109	SH	DFND	10	0	109	0
CME GROUP INC	COM CL A 0170	12572Q105	4	26	SH	DFND	10	0	26	0
CMS ENERGY CORP	COM 0049	125896100	2	49	SH	DFND	10	0	49	0
CSX CORP	COM 0074	126408103	11	154	SH	DFND	10	0	154	0
CTS CORP	COM 0034	126501105	1	18	SH	DFND	10	0	18	0
CVB FINL CORP	COM 0022	126600105	2	77	SH	DFND	10	0	77	0
CVS HEALTH CORP	COM 0078	126650100	24	299	SH	DFND	10	0	299	0
CA INC	COM 0044	12673P105	2	51	SH	DFND	10	0	51	0
CABLE ONE INC	COM 0883	12685J105	19	22	SH	DFND	10	0	22	0
CABOT CORP	COM 0062	127055101	5	87	SH	DFND	10	0	87	0
CABOT MICROELECTRONICS CORP	COM 0103	12709P103	13	122	SH	DFND	10	0	122	0
CACI INTL INC	CL A 0184	127190304	6	31	SH	DFND	10	0	31	0
CALAMP CORP	COM 0023	128126109	1	45	SH	DFND	10	0	45	0
CALAVO GROWERS INC	COM 0096	128246105	12	120	SH	DFND	10	0	120	0
CALLON PETE CO DEL	COM 0011	13123X102	14	1,200	SH	DFND	10	0	1,200	0
CAMBREX CORP	COM 0068	132011107	1	13	SH	DFND	10	0	13	0
CANTEL MEDICAL CORP	COM 0092	138098108	8	84	SH	DFND	10	0	84	0
CAPITAL ONE FINL CORP	COM 0094	14040H105	3	30	SH	DFND	10	0	30	0
CARNIVAL CORP	UNIT 99/99/9999 0063	143658300	6	87	SH	DFND	10	0	87	0
CARPENTER TECHNOLOGY CORP	COM 0058	144285103	1	15	SH	DFND	10	0	15	0
CARTERS INC	COM 0098	146229109	10	102	SH	DFND	10	0	102	0
CASEYS GEN STORES INC	COM 0129	147528103	13	97	SH	DFND	10	0	97	0
CATALENT INC	COM 0045	148806102	18	399	SH	DFND	10	0	399	0
CATERPILLAR INC DEL	COM 0152	149123101	43	285	SH	DFND	10	0	285	0
CAVCO INDS INC DEL	COM 0253	149568107	24	94	SH	DFND	10	0	94	0
CELANESE CORP DEL	COM 0114	150870103	3	25	SH	DFND	10	0	25	0
CELGENE CORP	COM 0089	151020104	58	653	SH	DFND	10	0	653	0
CENTENE CORP DEL	COM 0144	15135B101	44	307	SH	DFND	10	0	307	0
CENTERPOINT ENERGY INC	COM 0027	15189T107	109	3,945	SH	DFND	10	0	3,945	0
CENTURYLINK INC	COM 0021	156700106	29	1,355	SH	DFND	10	0	1,355	0
CHEESECAKE FACTORY INC	COM 0053	163072101	3	57	SH	DFND	10	0	57	0
CHEMED CORP NEW	COM 0319	16359R103	21	66	SH	DFND	10	0	66	0
CHEVRON CORP NEW	COM 0122	166764100	139	1,141	SH	DFND	10	0	1,141	0
CHIPOTLE MEXICAN GRILL INC	COM 0454	169656105	33	72	SH	DFND	10	0	72	0
CHURCH & DWIGHT INC	COM 0059	171340102	12	202	SH	DFND	10	0	202	0
CIMAREX ENERGY CO	COM 0092	171798101	7	80	SH	DFND	10	0	80	0
CISCO SYS INC	COM 0048	17275R102	150	3,080	SH	DFND	10	0	3,080	0
CINTAS CORP	COM 0197	172908105	34	174	SH	DFND	10	0	174	0
CITIGROUP INC	COM NEW 0071	172967424	34	468	SH	DFND	10	0	468	0
CITIZENS FINL GROUP INC	COM 0038	174610105	24	635	SH	DFND	10	0	635	0
CLEARWAY ENERGY INC	CL A 0019	18539C105	11	554	SH	DFND	10	0	554	0
COCA COLA CO	COM 0046	191216100	68	1,481	SH	DFND	10	0	1,481	0
COGENT COMMUNICATIONS HLDGS	COM NEW 0055	19239V302	15	265	SH	DFND	10	0	265	0
COGNEX CORP	COM 0055	192422103	38	681	SH	DFND	10	0	681	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A 0077	192446102	31	397	SH	DFND	10	0	397	0
COHERENT INC	COM 0172	192479103	3	16	SH	DFND	10	0	16	0
COLGATE PALMOLIVE CO	COM 0066	194162103	13	198	SH	DFND	10	0	198	0

COLUMBIA BKG SYS INC	COM 0038	197236102	3	84	SH	DFND	10	0	84	0
COMFORT SYS USA INC	COM 0056	199908104	19	328	SH	DFND	10	0	328	0
COMCAST CORP NEW	CL A 0035	20030N101	100	2,812	SH	DFND	10	0	2,812	0
COMERICA INC	COM 0090	200340107	84	930	SH	DFND	10	0	930	0
COMMVAULT SYSTEMS INC	COM 0070	204166102	3	40	SH	DFND	10	0	40	0
CONCHO RES INC	COM 0152	20605P101	14	89	SH	DFND	10	0	89	0
CONOCOPHILLIPS	COM 0077	20825C104	99	1,276	SH	DFND	10	0	1,276	0
CONSTELLATION BRANDS INC	CL A 0215	21036P108	4	20	SH	DFND	10	0	20	0
CONTINENTAL RESOURCES INC	COM 0068	212015101	12	173	SH	DFND	10	0	173	0
COOPER COS INC	COM NEW 0277	216648402	17	60	SH	DFND	10	0	60	0
CORE MARK HOLDING CO INC	COM 0033	218681104	12	357	SH	DFND	10	0	357	0
CORESITE RLTY CORP	COM 0111	21870Q105	11	96	SH	DFND	10	0	96	0
CORNING INC	COM 0035	219350105	10	281	SH	DFND	10	0	281	0
COSTCO WHSL CORP NEW	COM 0234	22160K105	179	763	SH	DFND	10	0	763	0
COSTAR GROUP INC	COM 0420	22160N109	20	48	SH	DFND	10	0	48	0
CROWN CASTLE INTL CORP NEW	COM 0111	22822V101	30	273	SH	DFND	10	0	273	0
CROWN HOLDINGS INC	COM 0048	228368106	3	68	SH	DFND	10	0	68	0
CTRIP COM INTL LTD	AMERICAN DEP SHS0037	22943F100	23	626	SH	DFND	10	0	626	0
CUMMINS INC	COM 0146	231021106	78	531	SH	DFND	10	0	531	0
CYRUSONE INC	COM 0063	23283R100	4	62	SH	DFND	10	0	62	0
D R HORTON INC	COM 0042	23331A109	10	229	SH	DFND	10	0	229	0
DXC TECHNOLOGY CO	COM 0093	23355L106	14	151	SH	DFND	10	0	151	0
DANAHER CORP DEL	COM 0108	235851102	63	583	SH	DFND	10	0	583	0
DARDEN RESTAURANTS INC	COM 0111	237194105	13	121	SH	DFND	10	0	121	0
DARLING INGREDIENTS INC	COM 0019	237266101	3	177	SH	DFND	10	0	177	0
DAVE & BUSTERS ENTMT INC	COM 0066	238337109	1	12	SH	DFND	10	0	12	0
DELTA AIR LINES INC DEL	COM NEW 0057	247361702	40	691	SH	DFND	10	0	691	0
DENNYS CORP	COM 0014	24869P104	3	201	SH	DFND	10	0	201	0
DENTSPLY SIRONA INC	COM 0037	24906P109	2	55	SH	DFND	10	0	55	0
DEVON ENERGY CORP NEW	COM 0039	25179M103	4	107	SH	DFND	10	0	107	0
DEXCOM INC	COM 0143	252131107	57	401	SH	DFND	10	0	401	0
DIAMONDBACK ENERGY INC	COM 0135	25278X109	5	39	SH	DFND	10	0	39	0
DIGITAL RLTY TR INC	COM 0112	253868103	3	22	SH	DFND	10	0	22	0
DIODES INC	COM 0033	254543101	2	68	SH	DFND	10	0	68	0
DISNEY WALT CO	COM DISNEY 0116	254687106	82	701	SH	DFND	10	0	701	0
DISCOVER FINL SVCS	COM 0076	254709108	7	91	SH	DFND	10	0	91	0
DOLLAR GEN CORP NEW	COM 0109	256677105	2	15	SH	DFND	10	0	15	0
DOLLAR TREE INC	COM 0081	256746108	2	21	SH	DFND	10	0	21	0
DOMINION ENERGY INC	COM 0070	25746U109	25	349	SH	DFND	10	0	349	0
DOMINOS PIZZA INC	COM 0294	25754A201	22	74	SH	DFND	10	0	74	0
DORMAN PRODUCTS INC	COM 0076	258278100	16	210	SH	DFND	10	0	210	0
DOVER CORP	COM 0088	260003108	14	157	SH	DFND	10	0	157	0
DOWDUPONT INC	COM 0064	26078J100	41	635	SH	DFND	10	0	635	0
DRIL-QUIP INC	COM 0052	262037104	3	61	SH	DFND	10	0	61	0
DUKE ENERGY CORP NEW	COM NEW 0080	26441C204	28	344	SH	DFND	10	0	344	0
DYCOM INDS INC	COM 0084	267475101	2	24	SH	DFND	10	0	24	0
EOG RES INC	COM 0127	26875P101	22	174	SH	DFND	10	0	174	0
EQT CORP	COM 0044	26884L109	2	44	SH	DFND	10	0	44	0

E TRADE FINANCIAL CORP	COM NEW 0052	269246401	11	203	SH	DFND	10	0	203	0
EAGLE MATERIALS INC	COM 0085	26969P108	10	112	SH	DFND	10	0	112	0
EAGLE PHARMACEUTICALS INC	COM 0069	269796108	2	27	SH	DFND	10	0	27	0
EAST WEST BANCORP INC	COM 0060	27579R104	10	164	SH	DFND	10	0	164	0
EASTERLY GOVT PPTYS INC	COM 0019	27616P103	13	689	SH	DFND	10	0	689	0
EASTGROUP PPTY INC	COM 0095	277276101	2	25	SH	DFND	10	0	25	0
EASTMAN CHEM CO	COM 0095	277432100	6	67	SH	DFND	10	0	67	0
EATON VANCE CORP	COM NON VTG 0052	278265103	5	98	SH	DFND	10	0	98	0
EBAY INC	COM 0033	278642103	25	751	SH	DFND	10	0	751	0
ECOLAB INC	COM 0156	278865100	65	417	SH	DFND	10	0	417	0
ECOPETROL S A	SPONSORED ADS 0026	279158109	0	9	SH	DFND	10	0	9	0
EDISON INTL	COM 0067	281020107	2	31	SH	DFND	10	0	31	0
EDWARDS LIFESCIENCES CORP	COM 0174	28176E108	57	325	SH	DFND	10	0	325	0
EL PASO ELEC CO	COM NEW 0057	283677854	3	48	SH	DFND	10	0	48	0
ELECTRONIC ARTS INC	COM 0120	285512109	67	554	SH	DFND	10	0	554	0
EMCOR GROUP INC	COM 0075	29084Q100	22	297	SH	DFND	10	0	297	0
EMERGENT BIOSOLUTIONS INC	COM 0065	29089Q105	0	6	SH	DFND	10	0	6	0
EMPIRE ST RLTY TR INC	CL A 0016	292104106	1	67	SH	DFND	10	0	67	0
ENCOMPASS HEALTH CORP	COM 0077	29261A100	44	560	SH	DFND	10	0	560	0
ENERGEN CORP	COM 0086	29265N108	2	24	SH	DFND	10	0	24	0
ENERSYS	COM 0087	29275Y102	4	50	SH	DFND	10	0	50	0
ENPRO INDS INC	COM 0072	29355X107	1	17	SH	DFND	10	0	17	0
ENSIGN GROUP INC	COM 0037	29358P101	21	548	SH	DFND	10	0	548	0
ENTERPRISE FINL SVCS CORP	COM 0053	293712105	1	26	SH	DFND	10	0	26	0
EPAM SYS INC	COM 0137	29414B104	11	79	SH	DFND	10	0	79	0
EQUIFAX INC	COM 0130	294429105	1	8	SH	DFND	10	0	8	0
EQUINIX INC	COM PAR \$0.001 0432	29444U700	44	102	SH	DFND	10	0	102	0
EQUITY RESIDENTIAL	SH BEN INT 0066	29476L107	3	38	SH	DFND	10	0	38	0
ESCO TECHNOLOGIES INC	COM 0068	296315104	5	74	SH	DFND	10	0	74	0
ETSY INC	COM 0051	29786A106	3	59	SH	DFND	10	0	59	0
EURONET WORLDWIDE INC	COM 0100	298736109	5	46	SH	DFND	10	0	46	0
EVERCORE INC	CLASS A 0100	29977A105	39	385	SH	DFND	10	0	385	0
EVERSOURCE ENERGY	COM 0061	30040W108	6	101	SH	DFND	10	0	101	0
EXELON CORP	COM 0043	30161N101	26	591	SH	DFND	10	0	591	0
EXLSERVICE HOLDINGS INC	COM 0066	302081104	1	18	SH	DFND	10	0	18	0
EXPEDIA GROUP INC	COM NEW 0130	30212P303	92	702	SH	DFND	10	0	702	0
EXPEDITORS INTL WASH INC	COM 0073	302130109	15	209	SH	DFND	10	0	209	0
EXPONENT INC	COM 0053	30214U102	55	1,022	SH	DFND	10	0	1,022	0
EXPRESS SCRIPTS HLDG CO	COM 0095	30219G108	5	48	SH	DFND	10	0	48	0
EXXON MOBIL CORP	COM 0085	30231G102	65	767	SH	DFND	10	0	767	0
FLIR SYS INC	COM 0061	302445101	7	108	SH	DFND	10	0	108	0
F M C CORP	COM NEW 0087	302491303	2	25	SH	DFND	10	0	25	0
FNB CORP PA	COM 0012	302520101	1	109	SH	DFND	10	0	109	0
FACEBOOK INC	CL A 0164	30303M102	203	1,232	SH	DFND	10	0	1,232	0
FASTENAL CO	COM 0058	311900104	1	13	SH	DFND	10	0	13	0
FEDERAL AGRIC MTG CORP	CL C 0072	313148306	11	152	SH	DFND	10	0	152	0
FEDERAL REALTY INVT TR	SH BEN INT NEW 0126	313747206	3	27	SH	DFND	10	0	27	0

FEDEX CORP	COM 0240	31428X106	89	370	SH	DFND	10	0	370	0
FIDELITY NATL INFORMATION SV	COM 0109	31620M106	52	481	SH	DFND	10	0	481	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM 0039	31620R303	33	829	SH	DFND	10	0	829	0
FIRST FINL BANCORP OH	COM 0029	320209109	3	108	SH	DFND	10	0	108	0
FIRST FINL BANKSHARES	COM 0059	32020R109	7	115	SH	DFND	10	0	115	0
FIRST INDUSTRIAL REALTY TRUS	COM 0031	32054K103	2	65	SH	DFND	10	0	65	0
FIRST MIDWEST BANCORP DEL	COM 0026	320867104	2	85	SH	DFND	10	0	85	0
FIRST REP BK SAN FRANCISCO C	COM 0096	33616C100	39	401	SH	DFND	10	0	401	0
FIRST SOLAR INC	COM 0048	336433107	3	56	SH	DFND	10	0	56	0
FIRST TR EXCHANGE TRADED FD	CAP STRENGTH ETF0055	33733E104	406	7,358	SH	DFND	10	0	7,358	0
FIRST TR EXCHANGE TRADED FD	DORSEY WRT 5 ETF0030	33738R605	304	9,832	SH	DFND	10	0	9,832	0
FISERV INC	COM 0082	337738108	48	579	SH	DFND	10	0	579	0
FIVE BELOW INC	COM 0130	33829M101	28	214	SH	DFND	10	0	214	0
FLEETCOR TECHNOLOGIES INC	COM 0227	339041105	34	148	SH	DFND	10	0	148	0
FLUOR CORP NEW	COM 0058	343412102	2	32	SH	DFND	10	0	32	0
FOOT LOCKER INC	COM 0050	344849104	1	16	SH	DFND	10	0	16	0
FORTIVE CORP	COM 0084	34959J108	56	669	SH	DFND	10	0	669	0
FORWARD AIR CORP	COM 0071	349853101	2	21	SH	DFND	10	0	21	0
FRANKLIN ELEC INC	COM 0047	353514102	6	129	SH	DFND	10	0	129	0
FREEPORT-MCMORAN INC	CL B 0013	35671D857	3	215	SH	DFND	10	0	215	0
GATX CORP	COM 0086	361448103	10	111	SH	DFND	10	0	111	0
GALLAGHER ARTHUR J & CO	COM 0074	363576109	2	33	SH	DFND	10	0	33	0
GARTNER INC	COM 0158	366651107	30	191	SH	DFND	10	0	191	0
GENERAL DYNAMICS CORP	COM 0204	369550108	27	131	SH	DFND	10	0	131	0
GENERAL ELECTRIC CO	COM 0011	369604103	28	2,491	SH	DFND	10	0	2,491	0
GENERAL MLS INC	COM 0042	370334104	8	185	SH	DFND	10	0	185	0
GENERAL MTRS CO	COM 0033	37045V100	15	447	SH	DFND	10	0	447	0
GILEAD SCIENCES INC	COM 0077	375558103	56	730	SH	DFND	10	0	730	0
GLACIER BANCORP INC NEW	COM 0043	37637Q105	12	268	SH	DFND	10	0	268	0
GLATFELTER	COM 0019	377316104	1	51	SH	DFND	10	0	51	0
GLOBAL PMTS INC	COM 0127	37940X102	16	122	SH	DFND	10	0	122	0
GLOBUS MED INC	CL A 0056	379577208	22	383	SH	DFND	10	0	383	0
GODADDY INC	CL A 0083	380237107	14	172	SH	DFND	10	0	172	0
GOLDMAN SACHS GROUP INC	COM 0224	38141G104	16	73	SH	DFND	10	0	73	0
GRACO INC	COM 0046	384109104	26	551	SH	DFND	10	0	551	0
GRAINGER W W INC	COM 0357	384802104	81	226	SH	DFND	10	0	226	0
GRANITE CONSTR INC	COM 0045	387328107	1	20	SH	DFND	10	0	20	0
GREAT WESTN BANCORP INC	COM 0042	391416104	1	18	SH	DFND	10	0	18	0
GRUBHUB INC	COM 0138	400110102	7	51	SH	DFND	10	0	51	0
HCA HEALTHCARE INC	COM 0139	40412C101	1	5	SH	DFND	10	0	5	0
HCP INC	COM 0026	40414L109	3	102	SH	DFND	10	0	102	0
HD SUPPLY HLDGS INC	COM 0042	40416M105	1	21	SH	DFND	10	0	21	0
HP INC	COM 0025	40434L105	90	3,476	SH	DFND	10	0	3,476	0
HARRIS CORP DEL	COM 0169	413875105	4	25	SH	DFND	10	0	25	0
HARSCO CORP	COM 0028	415864107	3	100	SH	DFND	10	0	100	0

HARTFORD FINL SVCS GROUP INC	COM 0049	416515104	1	18	SH	DFND	10	0	18	0
HASBRO INC	COM 0105	418056107	3	29	SH	DFND	10	0	29	0
HEALTHCARE SVCS GRP INC	COM 0040	421906108	11	260	SH	DFND	10	0	260	0
HEALTHCARE RLTY TR	COM 0029	421946104	2	74	SH	DFND	10	0	74	0
HEARTLAND EXPRESS INC	COM 0019	422347104	1	58	SH	DFND	10	0	58	0
HEARTLAND FINL USA INC	COM 0058	42234Q102	2	31	SH	DFND	10	0	31	0
HEICO CORP NEW	CL A 0075	422806208	11	143	SH	DFND	10	0	143	0
HELMERICH & PAYNE INC	COM 0068	423452101	28	412	SH	DFND	10	0	412	0
HENRY JACK & ASSOC INC	COM 0160	426281101	2	11	SH	DFND	10	0	11	0
HERSHEY CO	COM 0102	427866108	1	10	SH	DFND	10	0	10	0
HEXCEL CORP NEW	COM 0067	428291108	23	348	SH	DFND	10	0	348	0
HILTON WORLDWIDE HLDGS INC	COM 0080	43300A203	24	292	SH	DFND	10	0	292	0
HOME BANCSHARES INC	COM 0021	436893200	12	560	SH	DFND	10	0	560	0
HOME DEPOT INC	COM 0207	437076102	170	819	SH	DFND	10	0	819	0
HONEYWELL INTL INC	COM 0166	438516106	109	656	SH	DFND	10	0	656	0
HOPE BANCORP INC	COM 0016	43940T109	2	113	SH	DFND	10	0	113	0
HOULIHAN LOKEY INC	CL A 0044	441593100	5	103	SH	DFND	10	0	103	0
HUB GROUP INC	CL A 0045	443320106	2	46	SH	DFND	10	0	46	0
HUMANA INC	COM 0338	444859102	10	30	SH	DFND	10	0	30	0
HUNT J B TRANS SVCS INC	COM 0118	445658107	6	54	SH	DFND	10	0	54	0
HUNTINGTON BANCSHARES INC	COM 0014	446150104	1	38	SH	DFND	10	0	38	0
HUNTSMAN CORP	COM 0027	447011107	32	1,183	SH	DFND	10	0	1,183	0
ICU MED INC	COM 0282	44930G107	25	88	SH	DFND	10	0	88	0
IPG PHOTONICS CORP	COM 0156	44980X109	11	72	SH	DFND	10	0	72	0
ITT INC	COM 0061	45073V108	10	165	SH	DFND	10	0	165	0
IBERIABANK CORP	COM 0081	450828108	1	11	SH	DFND	10	0	11	0
ICICI BK LTD	ADR 0008	45104G104	43	5,113	SH	DFND	10	0	5,113	0
IDACORP INC	COM 0099	451107106	1	13	SH	DFND	10	0	13	0
IDEXX LABS INC	COM 0249	45168D104	15	60	SH	DFND	10	0	60	0
ILLINOIS TOOL WKS INC	COM 0141	452308109	6	42	SH	DFND	10	0	42	0
ILLUMINA INC	COM 0367	452327109	12	33	SH	DFND	10	0	33	0
INDEPENDENT BK GROUP INC	COM 0066	45384B106	3	43	SH	DFND	10	0	43	0
INFOSYS LTD	SPONSORED ADR 0010	456788108	0	18	SH	DFND	10	0	18	0
INNOPHOS HOLDINGS INC	COM 0044	45774N108	2	43	SH	DFND	10	0	43	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW 0065	457985208	1	21	SH	DFND	10	0	21	0
INTEGRATED DEVICE TECHNOLOGY	COM 0047	458118106	6	124	SH	DFND	10	0	124	0
INTEL CORP	COM 0047	458140100	179	3,784	SH	DFND	10	0	3,784	0
INTERFACE INC	COM 0023	458665304	2	89	SH	DFND	10	0	89	0
INTERCONTINENTAL EXCHANGE IN	COM 0074	45866F104	18	237	SH	DFND	10	0	237	0
INTERNATIONAL BUSINESS MACHS	COM 0151	459200101	75	493	SH	DFND	10	0	493	0
INTERNATIONAL FLAVORS&FRAGRA	COM 0139	459506101	8	55	SH	DFND	10	0	55	0
INVESCO QQQ TR	UNIT SER 1 0185	46090E103	1,011	5,442	SH	DFND	10	0	5,442	0
INVESCO ACTIVELY MANAGD ETF	OPTIMUM YIELD 0018	46090F100	283	15,070	SH	DFND	10	0	15,070	0

INTUIT	COM 0227	461202103	128	562	SH	DFND	10	0	562	0
INTUITIVE SURGICAL INC	COM NEW 0574	46120E602	199	346	SH	DFND	10	0	346	0
IONIS PHARMACEUTICALS INC	COM 0051	462222100	3	57	SH	DFND	10	0	57	0
IQVIA HLDGS INC	COM 0129	46266C105	2	16	SH	DFND	10	0	16	0
ISHARES INC	MSCI JAPN SMCETF0078	464286582	286	3,672	SH	DFND	10	0	3,672	0
ISHARES INC	MSCI THAILND ETF0094	464286624	43	453	SH	DFND	10	0	453	0
ISHARES TR	TIPS BD ETF 0110	464287176	15	133	SH	DFND	10	0	133	0
ISHARES TR	CORE S&P500 ETF 0292	464287200	1,263	4,316	SH	DFND	10	0	4,316	0
ISHARES TR	CORE US AGGBD ET0105	464287226	2,773	26,281	SH	DFND	10	0	26,281	0
ISHARES TR	MSCI EMG MKT ETF0042	464287234	210	4,889	SH	DFND	10	0	4,889	0
ISHARES TR	IBOXX INV CP ETF0114	464287242	689	5,992	SH	DFND	10	0	5,992	0
ISHARES TR	GLOBAL TECH ETF 0175	464287291	320	1,828	SH	DFND	10	0	1,828	0
ISHARES TR	S&P 500 GRWT ETF0177	464287309	322	1,819	SH	DFND	10	0	1,819	0
ISHARES TR	GLOB HLTHCRE ETF0062	464287325	282	4,471	SH	DFND	10	0	4,471	0
ISHARES TR	S&P 500 VAL ETF 0115	464287408	734	6,336	SH	DFND	10	0	6,336	0
ISHARES TR	BARCLAYS 7 10 YR0101	464287440	307	3,039	SH	DFND	10	0	3,039	0
ISHARES TR	1 3 YR TREAS BD 0083	464287457	1,080	13,004	SH	DFND	10	0	13,004	0
ISHARES TR	MSCI EAFE ETF 0067	464287465	299	4,395	SH	DFND	10	0	4,395	0
ISHARES TR	RUS MDCP VAL ETF0090	464287473	163	1,802	SH	DFND	10	0	1,802	0
ISHARES TR	RUS MID CAP ETF 0220	464287499	718	3,254	SH	DFND	10	0	3,254	0
ISHARES TR	CORE S&P MCP ETF0201	464287507	825	4,098	SH	DFND	10	0	4,098	0
ISHARES TR	NA TEC SFTWR ETF0204	464287515	522	2,549	SH	DFND	10	0	2,549	0
ISHARES TR	RUS 1000 VAL ETF0126	464287598	269	2,128	SH	DFND	10	0	2,128	0
ISHARES TR	RUS 1000 GRW ETF0155	464287614	192	1,229	SH	DFND	10	0	1,229	0
ISHARES TR	RUS 1000 ETF 0161	464287622	381	2,354	SH	DFND	10	0	2,354	0
ISHARES TR	RUS 2000 VAL ETF0133	464287630	88	664	SH	DFND	10	0	664	0
ISHARES TR	RUS 2000 GRW ETF0215	464287648	351	1,633	SH	DFND	10	0	1,633	0
ISHARES TR	RUSSELL 2000 ETF0168	464287655	352	2,087	SH	DFND	10	0	2,087	0
ISHARES TR	RUSSELL 3000 ETF0172	464287689	625	3,628	SH	DFND	10	0	3,628	0
ISHARES TR	US HLTHCARE ETF 0202	464287762	606	2,986	SH	DFND	10	0	2,986	0
ISHARES TR	U.S. FINLS ETF 0121	464287788	269	2,212	SH	DFND	10	0	2,212	0
ISHARES TR	CORE S&P SCP ETF0087	464287804	686	7,867	SH	DFND	10	0	7,867	0
ISHARES TR	SP SMCP600VL ETF0166	464287879	616	3,688	SH	DFND	10	0	3,688	0
ISHARES TR	INTL TREA BD ETF0048	464288117	333	6,912	SH	DFND	10	0	6,912	0
ISHARES TR	SHRT NAT MUN ETF0104	464288158	785	7,498	SH	DFND	10	0	7,498	0

ISHARES TR	MSCI ACWI EX US 0047	464288240	790	16,575	SH	DFND	10	0	16,575	0
ISHARES TR	MSCI ACWI ETF 0074	464288257	25	335	SH	DFND	10	0	335	0
ISHARES TR	JPMORGAN USD EMG0107	464288281	895	8,299	SH	DFND	10	0	8,299	0
ISHARES TR	INTL SEL DIV ETF0032	464288448	4	113	SH	DFND	10	0	113	0
ISHARES TR	IBOXX HI YD ETF 0086	464288513	507	5,871	SH	DFND	10	0	5,871	0
ISHARES TR	MBS ETF 0103	464288588	350	3,389	SH	DFND	10	0	3,389	0
ISHARES TR	INTRM TR CRP ETF0053	464288638	260	4,897	SH	DFND	10	0	4,897	0
ISHARES TR	3 7 YR TREAS BD 0119	464288661	197	1,655	SH	DFND	10	0	1,655	0
ISHARES TR	S&P US PFD STK 0037	464288687	619	16,664	SH	DFND	10	0	16,664	0
ISHARES TR	U.S. MED DVC ETF0227	464288810	554	2,437	SH	DFND	10	0	2,437	0
ISHARES TR	US OIL GS EX ETF0075	464288851	516	6,790	SH	DFND	10	0	6,790	0
ISHARES TR	US TREAS BD ETF 0024	46429B267	63	2,585	SH	DFND	10	0	2,585	0
ISHARES TR	FLTG RATE NT ETF0051	46429B655	245	4,793	SH	DFND	10	0	4,793	0
ISHARES TR	MIN VOL EAFE ETF0072	46429B689	1,675	23,010	SH	DFND	10	0	23,010	0
ISHARES US ETF TR	SHT MAT BD ETF 0050	46431W507	869	17,311	SH	DFND	10	0	17,311	0
ISHARES TR	USA QUALITY FCTR0090	46432F339	1,679	18,577	SH	DFND	10	0	18,577	0
ISHARES TR	EDGE MSCI USA VL0087	46432F388	843	9,594	SH	DFND	10	0	9,594	0
ISHARES TR	USA MOMENTUM FCT0119	46432F396	439	3,691	SH	DFND	10	0	3,691	0
ISHARES TR	CORE MSCI EAFE 0064	46432F842	1,038	16,193	SH	DFND	10	0	16,193	0
ISHARES INC	CORE MSCI EMKT 0051	46434G103	725	14,008	SH	DFND	10	0	14,008	0
ISHARES TR	EXPONENTIAL TECH0038	46434V381	916	23,667	SH	DFND	10	0	23,667	0
ISHARES TR	MSCI UK ETF NEW 0034	46435G334	0	14	SH	DFND	10	0	14	0
ISHARES TR	MORTGE REL ETF 0043	46435G342	323	7,418	SH	DFND	10	0	7,418	0
J & J SNACK FOODS CORP	COM 0150	466032109	12	77	SH	DFND	10	0	77	0
JPMORGAN CHASE & CO	COM 0112	46625H100	202	1,794	SH	DFND	10	0	1,794	0
JABIL INC	COM 0027	466313103	29	1,067	SH	DFND	10	0	1,067	0
JOHNSON & JOHNSON	COM 0138	478160104	133	964	SH	DFND	10	0	964	0
JONES LANG LASALLE INC	COM 0144	48020Q107	1	5	SH	DFND	10	0	5	0
J2 GLOBAL INC	COM 0082	48123V102	16	191	SH	DFND	10	0	191	0
KLA-TENCOR CORP	COM 0101	482480100	2	19	SH	DFND	10	0	19	0
K2M GROUP HLDGS INC	COM 0027	48273J107	6	209	SH	DFND	10	0	209	0
KELLOGG CO	COM 0070	487836108	93	1,326	SH	DFND	10	0	1,326	0
KENNEDY-WILSON HLDGS INC	COM 0021	489398107	13	595	SH	DFND	10	0	595	0
KEURIG DR PEPPER INC	COM 0023	49271V100	0	1	SH	DFND	10	0	1	0
KEYCORP NEW	COM 0019	493267108	16	822	SH	DFND	10	0	822	0
KEYSIGHT TECHNOLOGIES INC	COM 0066	49338L103	15	220	SH	DFND	10	0	220	0
KFORCE INC	COM 0037	493732101	1	22	SH	DFND	10	0	22	0
KIMBERLY CLARK CORP	COM 0113	494368103	55	484	SH	DFND	10	0	484	0

KIRBY CORP	COM 0082	497266106	0	1	SH	DFND	10	0	1	0
KITE RLTY GROUP TR	COM NEW 0016	49803T300	1	58	SH	DFND	10	0	58	0
KNOLL INC	COM NEW 0023	498904200	2	79	SH	DFND	10	0	79	0
KORN FERRY INTL	COM NEW 0049	500643200	3	58	SH	DFND	10	0	58	0
KRAFT HEINZ CO	COM 0055	500754106	7	130	SH	DFND	10	0	130	0
KROGER CO	COM 0029	501044101	2	55	SH	DFND	10	0	55	0
L BRANDS INC	COM 0030	501797104	23	746	SH	DFND	10	0	746	0
LHC GROUP INC	COM 0102	50187A107	7	64	SH	DFND	10	0	64	0
LKQ CORP	COM 0031	501889208	2	49	SH	DFND	10	0	49	0
LTC PPTYS INC	COM 0044	502175102	1	19	SH	DFND	10	0	19	0
L3 TECHNOLOGIES INC	COM 0212	502413107	0	1	SH	DFND	10	0	1	0
LABORATORY CORP AMER HLDGS	COM NEW 0173	50540R409	9	52	SH	DFND	10	0	52	0
LAM RESEARCH CORP	COM 0151	512807108	7	45	SH	DFND	10	0	45	0
LAMB WESTON HLDGS INC	COM 0066	513272104	7	98	SH	DFND	10	0	98	0
LANCASTER COLONY CORP	COM 0149	513847103	3	18	SH	DFND	10	0	18	0
LAS VEGAS SANDS CORP	COM 0059	517834107	3	53	SH	DFND	10	0	53	0
LAUDER ESTEE COS INC	CL A 0145	518439104	53	365	SH	DFND	10	0	365	0
LEAR CORP	COM NEW 0145	521865204	26	180	SH	DFND	10	0	180	0
LENNAR CORP	CL A 0046	526057104	0	6	SH	DFND	10	0	6	0
LENNOX INTL INC	COM 0218	526107107	5	24	SH	DFND	10	0	24	0
LIBERTY PPTY TR	SH BEN INT 0042	531172104	0	3	SH	DFND	10	0	3	0
LILLY ELI & CO	COM 0107	532457108	4	34	SH	DFND	10	0	34	0
LINCOLN ELEC HLDGS INC	COM 0093	533900106	13	138	SH	DFND	10	0	138	0
LINCOLN NATL CORP IND	COM 0067	534187109	16	234	SH	DFND	10	0	234	0
LITHIA MTRS INC	CL A 0081	536797103	16	192	SH	DFND	10	0	192	0
LITTELFUSE INC	COM 0197	537008104	17	86	SH	DFND	10	0	86	0
LIVE NATION ENTERTAINMENT IN	COM 0054	538034109	1	21	SH	DFND	10	0	21	0
LOCKHEED MARTIN CORP	COM 0345	539830109	117	338	SH	DFND	10	0	338	0
LOEWS CORP	COM 0050	540424108	0	6	SH	DFND	10	0	6	0
LOGMEIN INC	COM 0089	54142L109	4	40	SH	DFND	10	0	40	0
LOWES COS INC	COM 0114	548661107	12	108	SH	DFND	10	0	108	0
LULULEMON ATHLETICA INC	COM 0162	550021109	5	31	SH	DFND	10	0	31	0
LYDALL INC DEL	COM 0043	550819106	2	50	SH	DFND	10	0	50	0
M & T BK CORP	COM 0164	55261F104	68	411	SH	DFND	10	0	411	0
MTS SYS CORP	COM 0054	553777103	1	21	SH	DFND	10	0	21	0
MACYS INC	COM 0034	55616P104	119	3,421	SH	DFND	10	0	3,421	0
MANTECH INTL CORP	CL A 0063	564563104	5	78	SH	DFND	10	0	78	0
MARATHON OIL CORP	COM 0023	565849106	3	125	SH	DFND	10	0	125	0
MARATHON PETE CORP	COM 0079	56585A102	9	113	SH	DFND	10	0	113	0
MARCUS & MILLICHAP INC	COM 0034	566324109	1	32	SH	DFND	10	0	32	0
MARKETAXESS HLDGS INC	COM 0178	57060D108	32	180	SH	DFND	10	0	180	0
MARSH & MCLENNAN COS INC	COM 0082	571748102	8	100	SH	DFND	10	0	100	0
MASCO CORP	COM 0036	574599106	6	158	SH	DFND	10	0	158	0
MASIMO CORP	COM 0124	574795100	1	7	SH	DFND	10	0	7	0
MASONITE INTL CORP NEW	COM 0064	575385109	0	7	SH	DFND	10	0	7	0
MASTERCARD INCORPORATED	CL A 0222	57636Q104	72	323	SH	DFND	10	0	323	0
MATADOR RES CO	COM 0033	576485205	15	460	SH	DFND	10	0	460	0
MATTHEWS INTL CORP	CL A 0050	577128101	2	30	SH	DFND	10	0	30	0

MAXIM INTEGRATED PRODS INC	COM 0056	57772K101	4	72	SH	DFND	10	0	72	0
MCCORMICK & CO INC	COM NON VTG 0131	579780206	39	298	SH	DFND	10	0	298	0
MCDONALDS CORP	COM 0167	580135101	11	64	SH	DFND	10	0	64	0
MCGRATH RENTCORP	COM 0054	580589109	2	36	SH	DFND	10	0	36	0
MCKESSON CORP	COM 0132	58155Q103	6	43	SH	DFND	10	0	43	0
MEDICAL PPTYS TRUST INC	COM 0014	58463J304	2	120	SH	DFND	10	0	120	0
MEDICINES CO	COM 0029	584688105	1	50	SH	DFND	10	0	50	0
MEDPACE HLDGS INC	COM 0059	58506Q109	3	45	SH	DFND	10	0	45	0
MERCANTILE BANK CORP	COM 0033	587376104	1	18	SH	DFND	10	0	18	0
MERCK & CO INC	COM 0070	58933Y105	23	324	SH	DFND	10	0	324	0
MERCURY SYS INC	COM 0055	589378108	2	40	SH	DFND	10	0	40	0
METHODE ELECTRS INC	COM 0036	591520200	1	22	SH	DFND	10	0	22	0
METLIFE INC	COM 0046	59156R108	53	1,127	SH	DFND	10	0	1,127	0
METTLER TOLEDO INTERNATIONAL	COM 0608	592688105	82	135	SH	DFND	10	0	135	0
MICHAELS COS INC	COM 0016	59408Q106	4	268	SH	DFND	10	0	268	0
MICROSOFT CORP	COM 0114	594918104	425	3,718	SH	DFND	10	0	3,718	0
MICROCHIP TECHNOLOGY INC	COM 0078	595017104	23	296	SH	DFND	10	0	296	0
MICRON TECHNOLOGY INC	COM 0045	595112103	2	38	SH	DFND	10	0	38	0
MID AMER APT CMNTYS INC	COM 0100	59522J103	11	114	SH	DFND	10	0	114	0
MIDDLEBY CORP	COM 0129	596278101	17	133	SH	DFND	10	0	133	0
MINERALS TECHNOLOGIES INC	COM 0067	603158106	2	33	SH	DFND	10	0	33	0
MOHAWK INDS INC	COM 0175	608190104	1	4	SH	DFND	10	0	4	0
MOLINA HEALTHCARE INC	COM 0148	60855R100	3	22	SH	DFND	10	0	22	0
MOLSON COORS BREWING CO	CL B 0061	60871R209	34	548	SH	DFND	10	0	548	0
MONDELEZ INTL INC	CL A 0042	609207105	23	530	SH	DFND	10	0	530	0
MONOLITHIC PWR SYS INC	COM 0125	609839105	5	38	SH	DFND	10	0	38	0
MONSTER BEVERAGE CORP NEW	COM 0058	61174X109	33	563	SH	DFND	10	0	563	0
MOODYS CORP	COM 0167	615369105	99	592	SH	DFND	10	0	592	0
MORGAN STANLEY	COM NEW 0046	617446448	137	2,946	SH	DFND	10	0	2,946	0
MOTOROLA SOLUTIONS INC	COM NEW 0130	620076307	123	946	SH	DFND	10	0	946	0
MUELLER WTR PRODS INC	COM SER A 0011	624758108	6	499	SH	DFND	10	0	499	0
MULTI COLOR CORP	COM 0062	625383104	1	15	SH	DFND	10	0	15	0
NASDAQ INC	COM 0085	631103108	10	117	SH	DFND	10	0	117	0
NATIONAL HEALTH INVS INC	COM 0075	63633D104	1	14	SH	DFND	10	0	14	0
NATIONAL OILWELL VARCO INC	COM 0043	637071101	84	1,955	SH	DFND	10	0	1,955	0
NAVIGANT CONSULTING INC	COM 0023	63935N107	1	40	SH	DFND	10	0	40	0
NEENAH INC	COM 0086	640079109	11	131	SH	DFND	10	0	131	0
NETAPP INC	COM 0085	64110D104	57	663	SH	DFND	10	0	663	0
NEWELL BRANDS INC	COM 0020	651229106	4	194	SH	DFND	10	0	194	0
NEWFIELD EXPL CO	COM 0028	651290108	7	249	SH	DFND	10	0	249	0
NEWMARKET CORP	COM 0405	651587107	9	23	SH	DFND	10	0	23	0
NEXSTAR MEDIA GROUP INC	CL A 0081	65336K103	4	55	SH	DFND	10	0	55	0
NEXTERA ENERGY INC	COM 0167	65339F101	18	110	SH	DFND	10	0	110	0
NIKE INC	CL B 0084	654106103	32	376	SH	DFND	10	0	376	0
NOBLE ENERGY INC	COM 0031	655044105	1	45	SH	DFND	10	0	45	0
NORDSON CORP	COM 0138	655663102	23	164	SH	DFND	10	0	164	0
NORTHERN TR CORP	COM 0102	665859104	17	167	SH	DFND	10	0	167	0

NORTHROP GRUMMAN CORP	COM 0317	666807102	44	137	SH	DFND	10	0	137	0
NORTHWESTERN CORP	COM NEW 0058	668074305	3	55	SH	DFND	10	0	55	0
NVIDIA CORP	COM 0281	67066G104	155	551	SH	DFND	10	0	551	0
OGE ENERGY CORP	COM 0036	670837103	10	282	SH	DFND	10	0	282	0
O REILLY AUTOMOTIVE INC NEW	COM 0347	67103H107	5	14	SH	DFND	10	0	14	0
OSI SYSTEMS INC	COM 0076	671044105	3	43	SH	DFND	10	0	43	0
OCCIDENTAL PETE CORP DEL	COM 0082	674599105	111	1,349	SH	DFND	10	0	1,349	0
OLD DOMINION FGHT LINES INC	COM 0161	679580100	2	15	SH	DFND	10	0	15	0
OLD NATL BANCORP IND	COM 0019	680033107	1	57	SH	DFND	10	0	57	0
OLLIES BARGAIN OUTLT HLDGS I	COM 0096	681116109	5	52	SH	DFND	10	0	52	0
OMNICOM GROUP INC	COM 0068	681919106	4	59	SH	DFND	10	0	59	0
OMNICELL INC	COM 0071	68213N109	1	17	SH	DFND	10	0	17	0
ON SEMICONDUCTOR CORP	COM 0018	682189105	23	1,234	SH	DFND	10	0	1,234	0
ONEOK INC NEW	COM 0067	682680103	97	1,438	SH	DFND	10	0	1,438	0
ORACLE CORP	COM 0051	68389X105	66	1,272	SH	DFND	10	0	1,272	0
OWENS CORNING NEW	COM 0054	690742101	2	30	SH	DFND	10	0	30	0
OXFORD INDS INC	COM 0090	691497309	2	20	SH	DFND	10	0	20	0
PC CONNECTION INC	COM 0038	69318J100	1	22	SH	DFND	10	0	22	0
PDC ENERGY INC	COM 0048	69327R101	1	12	SH	DFND	10	0	12	0
PNC FINL SVCS GROUP INC	COM 0136	693475105	32	233	SH	DFND	10	0	233	0
PPG INDS INC	COM 0109	693506107	5	50	SH	DFND	10	0	50	0
PPL CORP	COM 0029	69351T106	16	558	SH	DFND	10	0	558	0
PRA GROUP INC	COM 0036	69354N106	3	96	SH	DFND	10	0	96	0
PS BUSINESS PKS INC CALIF	COM 0127	69360J107	3	24	SH	DFND	10	0	24	0
PTC INC	COM 0106	69370C100	3	24	SH	DFND	10	0	24	0
PACCAR INC	COM 0068	693718108	93	1,357	SH	DFND	10	0	1,357	0
PACKAGING CORP AMER	COM 0109	695156109	21	194	SH	DFND	10	0	194	0
PALO ALTO NETWORKS INC	COM 0225	697435105	87	386	SH	DFND	10	0	386	0
PARKER HANNIFIN CORP	COM 0183	701094104	8	41	SH	DFND	10	0	41	0
PARSLEY ENERGY INC	CL A 0029	701877102	8	266	SH	DFND	10	0	266	0
PAYPAL HLDGS INC	COM 0087	70450Y103	190	2,166	SH	DFND	10	0	2,166	0
PEBBLEBROOK HOTEL TR	COM 0036	70509V100	2	55	SH	DFND	10	0	55	0
PEPSICO INC	COM 0111	713448108	60	535	SH	DFND	10	0	535	0
PETMED EXPRESS INC	COM 0033	716382106	8	228	SH	DFND	10	0	228	0
PFIZER INC	COM 0044	717081103	64	1,455	SH	DFND	10	0	1,455	0
PHILIP MORRIS INTL INC	COM 0081	718172109	74	910	SH	DFND	10	0	910	0
PHILLIPS 66	COM 0112	718546104	81	718	SH	DFND	10	0	718	0
PHYSICIANS RLTY TR	COM 0016	71943U104	12	699	SH	DFND	10	0	699	0
PIMCO ETF TR	0-5 HIGH YIELD 0100	72201R783	679	6,752	SH	DFND	10	0	6,752	0
PINNACLE FINL PARTNERS INC	COM 0060	72346Q104	9	149	SH	DFND	10	0	149	0
PINNACLE FOODS INC DEL	COM 0064	72348P104	0	3	SH	DFND	10	0	3	0
PIONEER NAT RES CO	COM 0174	723787107	43	244	SH	DFND	10	0	244	0
PLEXUS CORP	COM 0058	729132100	3	53	SH	DFND	10	0	53	0
POLARIS INDS INC	COM 0100	731068102	13	126	SH	DFND	10	0	126	0
POOL CORPORATION	COM 0166	73278L105	35	207	SH	DFND	10	0	207	0
PORTLAND GEN ELEC CO	COM NEW 0045	736508847	11	231	SH	DFND	10	0	231	0
POWER INTEGRATIONS INC	COM 0063	739276103	18	287	SH	DFND	10	0	287	0

PRAXAIR INC	COM 0160	74005P104	57	355	SH	DFND	10	0	355	0
PRICE T ROWE GROUP INC	COM 0109	74144T108	2	21	SH	DFND	10	0	21	0
PRICESMART INC	COM 0080	741511109	13	156	SH	DFND	10	0	156	0
PRINCIPAL FINL GROUP INC	COM 0058	74251V102	4	68	SH	DFND	10	0	68	0
PROASSURANCE CORP	COM 0046	74267C106	8	175	SH	DFND	10	0	175	0
PROCTER AND GAMBLE CO	COM 0083	742718109	17	207	SH	DFND	10	0	207	0
PROGRESS SOFTWARE CORP	COM 0035	743312100	2	53	SH	DFND	10	0	53	0
PROGRESSIVE CORP OHIO	COM 0071	743315103	183	2,581	SH	DFND	10	0	2,581	0
PROLOGIS INC	COM 0067	74340W103	27	396	SH	DFND	10	0	396	0
PROSPERITY BANCSHARES INC	COM 0069	743606105	22	315	SH	DFND	10	0	315	0
PRUDENTIAL FINL INC	COM 0101	744320102	19	185	SH	DFND	10	0	185	0
PUBLIC SVC ENTERPRISE GROUP	COM 0052	744573106	10	196	SH	DFND	10	0	196	0
PUBLIC STORAGE	COM 0201	74460D109	20	101	SH	DFND	10	0	101	0
QUAKER CHEM CORP	COM 0202	747316107	32	157	SH	DFND	10	0	157	0
QEP RES INC	COM 0011	74733V100	0	42	SH	DFND	10	0	42	0
QTS RLTY TR INC	COM CL A 0042	74736A103	11	259	SH	DFND	10	0	259	0
QUALCOMM INC	COM 0072	747525103	60	838	SH	DFND	10	0	838	0
QUANTA SVCS INC	COM 0033	74762E102	3	87	SH	DFND	10	0	87	0
QUEST DIAGNOSTICS INC	COM 0107	74834L100	6	55	SH	DFND	10	0	55	0
RPM INTL INC	COM 0064	749685103	31	474	SH	DFND	10	0	474	0
RALPH LAUREN CORP	CL A 0137	751212101	96	696	SH	DFND	10	0	696	0
RAYMOND JAMES FINANCIAL INC	COM 0092	754730109	23	252	SH	DFND	10	0	252	0
RAYTHEON CO	COM NEW 0206	755111507	7	36	SH	DFND	10	0	36	0
RBC BEARINGS INC	COM 0150	75524B104	24	160	SH	DFND	10	0	160	0
REALTY INCOME CORP	COM 0056	756109104	6	111	SH	DFND	10	0	111	0
RED HAT INC	COM 0136	756577102	63	462	SH	DFND	10	0	462	0
REGENERON PHARMACEUTICALS	COM 0404	75886F107	54	134	SH	DFND	10	0	134	0
REGIONS FINL CORP NEW	COM 0018	7591EP100	4	213	SH	DFND	10	0	213	0
REINSURANCE GROUP AMER INC	COM NEW 0144	759351604	13	91	SH	DFND	10	0	91	0
RENASANT CORP	COM 0041	75970E107	3	66	SH	DFND	10	0	66	0
REPUBLIC SVCS INC	COM 0072	760759100	20	272	SH	DFND	10	0	272	0
RETAIL OPPORTUNITY INVTs COR	COM 0018	76131N101	9	465	SH	DFND	10	0	465	0
RING ENERGY INC	COM 0009	76680V108	2	208	SH	DFND	10	0	208	0
ROCKWELL AUTOMATION INC	COM 0187	773903109	2	10	SH	DFND	10	0	10	0
ROPER TECHNOLOGIES INC	COM 0296	776696106	84	284	SH	DFND	10	0	284	0
ROSS STORES INC	COM 0099	778296103	12	118	SH	DFND	10	0	118	0
RUSH ENTERPRISES INC	CL A 0039	781846209	2	63	SH	DFND	10	0	63	0
RYDER SYS INC	COM 0073	783549108	12	169	SH	DFND	10	0	169	0
RYMAN HOSPITALITY PPTYS INC	COM 0086	78377T107	13	154	SH	DFND	10	0	154	0
S&P GLOBAL INC	COM 0195	78409V104	24	123	SH	DFND	10	0	123	0
SBA COMMUNICATIONS CORP NEW	CL A 0160	78410G104	57	354	SH	DFND	10	0	354	0
SL GREEN RLTY CORP	COM 0097	78440X101	3	28	SH	DFND	10	0	28	0
SPDR S&P 500 ETF TR	TR UNIT 0290	78462F103	425	1,463	SH	DFND	10	0	1,463	0
SPDR SERIES TRUST	S&P DIVID ETF 0097	78464A763	412	4,209	SH	DFND	10	0	4,209	0

SS&C TECHNOLOGIES HLDGS INC	COM 0056	78467J100	22	382	SH	DFND	10	0	382	0
SRC ENERGY INC	COM 0008	78470V108	3	304	SH	DFND	10	0	304	0
SVB FINL GROUP	COM 0310	78486Q101	29	92	SH	DFND	10	0	92	0
SAIA INC	COM 0076	78709Y105	2	32	SH	DFND	10	0	32	0
SALESFORCE COM INC	COM 0159	79466L302	102	639	SH	DFND	10	0	639	0
SANDY SPRING BANCORP INC	COM 0039	800363103	2	52	SH	DFND	10	0	52	0
SANMINA CORPORATION	COM 0027	801056102	3	107	SH	DFND	10	0	107	0
SAP SE	SPON ADR 0123	803054204	109	885	SH	DFND	10	0	885	0
SCHEIN HENRY INC	COM 0085	806407102	2	29	SH	DFND	10	0	29	0
SCHLUMBERGER LTD	COM 0060	806857108	183	3,009	SH	DFND	10	0	3,009	0
SCHOLASTIC CORP	COM 0046	807066105	3	61	SH	DFND	10	0	61	0
SCHWAB CHARLES CORP NEW	COM 0049	808513105	55	1,117	SH	DFND	10	0	1,117	0
SCOTTS MIRACLE GRO CO	CL A 0078	810186106	3	39	SH	DFND	10	0	39	0
SEALED AIR CORP NEW	COM 0040	81211K100	9	234	SH	DFND	10	0	234	0
SEATTLE GENETICS INC	COM 0077	812578102	2	20	SH	DFND	10	0	20	0
SELECT SECTOR SPDR TR	SBI HEALTHCARE 0095	81369Y209	12	127	SH	DFND	10	0	127	0
SELECT SECTOR SPDR TR	SBI CONS STPLS 0053	81369Y308	11	213	SH	DFND	10	0	213	0
SELECT SECTOR SPDR TR	SBI CONS DISCR 0117	81369Y407	72	618	SH	DFND	10	0	618	0
SELECT SECTOR SPDR TR	ENERGY 0075	81369Y506	326	4,304	SH	DFND	10	0	4,304	0
SELECT SECTOR SPDR TR	SBI INT-FINL 0027	81369Y605	11	405	SH	DFND	10	0	405	0
SELECT SECTOR SPDR TR	SBI INT-INDS 0078	81369Y704	219	2,792	SH	DFND	10	0	2,792	0
SELECT SECTOR SPDR TR	TECHNOLOGY 0075	81369Y803	73	970	SH	DFND	10	0	970	0
SELECTIVE INS GROUP INC	COM 0063	816300107	6	90	SH	DFND	10	0	90	0
SEMPRA ENERGY	COM 0113	816851109	0	3	SH	DFND	10	0	3	0
SENSIENT TECHNOLOGIES CORP	COM 0076	81725T100	1	15	SH	DFND	10	0	15	0
SERVICE CORP INTL	COM 0044	817565104	1	17	SH	DFND	10	0	17	0
SERVICENOW INC	COM 0195	81762P102	6	33	SH	DFND	10	0	33	0
SHERWIN WILLIAMS CO	COM 0455	824348106	48	105	SH	DFND	10	0	105	0
SIGNATURE BK NEW YORK N Y	COM 0114	82669G104	14	126	SH	DFND	10	0	126	0
SILICON LABORATORIES INC	COM 0091	826919102	11	120	SH	DFND	10	0	120	0
SIRIUS XM HLDGS INC	COM 0006	82968B103	6	910	SH	DFND	10	0	910	0
SKYWORKS SOLUTIONS INC	COM 0090	83088M102	3	35	SH	DFND	10	0	35	0
SMITH A O	COM 0053	831865209	30	562	SH	DFND	10	0	562	0
SNAP ON INC	COM 0183	833034101	13	68	SH	DFND	10	0	68	0
SONOCO PRODS CO	COM 0055	835495102	2	42	SH	DFND	10	0	42	0
SOUTH JERSEY INDS INC	COM 0035	838518108	2	68	SH	DFND	10	0	68	0
SOUTH ST CORP	COM 0082	840441109	3	33	SH	DFND	10	0	33	0
SOUTHERN CO	COM 0043	842587107	18	407	SH	DFND	10	0	407	0
SOUTHSIDE BANCSHARES INC	COM 0034	84470P109	1	25	SH	DFND	10	0	25	0
SOUTHWEST AIRLS CO	COM 0062	844741108	4	56	SH	DFND	10	0	56	0
SOUTHWEST GAS HOLDINGS INC	COM 0079	844895102	3	36	SH	DFND	10	0	36	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A 0091	848574109	2	26	SH	DFND	10	0	26	0
SPLUNK INC	COM 0120	848637104	63	524	SH	DFND	10	0	524	0
SQUARE INC	CL A 0099	852234103	6	58	SH	DFND	10	0	58	0
STANDARD MTR PRODS INC	COM 0049	853666105	11	225	SH	DFND	10	0	225	0
STANDEX INTL CORP	COM 0104	854231107	11	108	SH	DFND	10	0	108	0

STANLEY BLACK & DECKER INC	COM 0146	854502101	14	98	SH	DFND	10	0	98	0
STARBUCKS CORP	COM 0056	855244109	12	205	SH	DFND	10	0	205	0
STARWOOD PPTY TR INC	COM 0021	85571B105	1	27	SH	DFND	10	0	27	0
STATE STR CORP	COM 0083	857477103	2	27	SH	DFND	10	0	27	0
STEEL DYNAMICS INC	COM 0045	858119100	88	1,944	SH	DFND	10	0	1,944	0
STERICYCLE INC	COM 0058	858912108	4	66	SH	DFND	10	0	66	0
STERLING BANCORP DEL	COM 0022	85917A100	0	20	SH	DFND	10	0	20	0
STIFEL FINL CORP	COM 0051	860630102	4	81	SH	DFND	10	0	81	0
STRYKER CORP	COM 0177	863667101	4	20	SH	DFND	10	0	20	0
STURM RUGER & CO INC	COM 0069	864159108	1	11	SH	DFND	10	0	11	0
SUMMIT HOTEL PPTYS INC	COM 0013	866082100	7	544	SH	DFND	10	0	544	0
SUN CMNTYS INC	COM 0101	866674104	16	160	SH	DFND	10	0	160	0
SUNTRUST BKS INC	COM 0066	867914103	82	1,233	SH	DFND	10	0	1,233	0
SUPERIOR ENERGY SVCS INC	COM 0009	868157108	6	595	SH	DFND	10	0	595	0
SYKES ENTERPRISES INC	COM 0030	871237103	1	30	SH	DFND	10	0	30	0
SYMANTEC CORP	COM 0021	871503108	0	23	SH	DFND	10	0	23	0
SYNOPSYS INC	COM 0098	871607107	13	134	SH	DFND	10	0	134	0
SYNNEX CORP	COM 0084	87162W100	8	91	SH	DFND	10	0	91	0
SYNCHRONY FINL	COM 0031	87165B103	2	74	SH	DFND	10	0	74	0
SYNEOS HEALTH INC	CL A 0051	87166B102	16	311	SH	DFND	10	0	311	0
SYSCO CORP	COM 0073	871829107	119	1,619	SH	DFND	10	0	1,619	0
TJX COS INC NEW	COM 0112	872540109	112	1,001	SH	DFND	10	0	1,001	0
T MOBILE US INC	COM 0070	872590104	8	113	SH	DFND	10	0	113	0
TRI POINTE GROUP INC	COM 0012	87265H109	1	116	SH	DFND	10	0	116	0
TABLEAU SOFTWARE INC	CL A 0111	87336U105	3	28	SH	DFND	10	0	28	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADR 0044	874039100	194	4,383	SH	DFND	10	0	4,383	0
TAPESTRY INC	COM 0050	876030107	55	1,101	SH	DFND	10	0	1,101	0
TARGET CORP	COM 0088	87612E106	91	1,035	SH	DFND	10	0	1,035	0
TAUBMAN CTRS INC	COM 0059	876664103	49	819	SH	DFND	10	0	819	0
TELEDYNE TECHNOLOGIES INC	COM 0246	879360105	5	20	SH	DFND	10	0	20	0
TERNIUM SA	SPON ADR 0030	880890108	0	13	SH	DFND	10	0	13	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADR 0021	881624209	3	138	SH	DFND	10	0	138	0
TETRA TECH INC NEW	COM 0068	88162G103	1	19	SH	DFND	10	0	19	0
TEXAS CAPITAL BANCSHARES INC	COM 0082	88224Q107	13	162	SH	DFND	10	0	162	0
TEXAS INSTRS INC	COM 0107	882508104	132	1,229	SH	DFND	10	0	1,229	0
TEXAS ROADHOUSE INC	COM 0069	882681109	8	114	SH	DFND	10	0	114	0
THERMO FISHER SCIENTIFIC INC	COM 0244	883556102	156	640	SH	DFND	10	0	640	0
THOR INDS INC	COM 0083	885160101	9	109	SH	DFND	10	0	109	0
3M CO	COM 0210	88579Y101	13	61	SH	DFND	10	0	61	0
TORCHMARK CORP	COM 0086	891027104	4	48	SH	DFND	10	0	48	0
TORO CO	COM 0059	891092108	19	320	SH	DFND	10	0	320	0
TOTAL SYS SVCS INC	COM 0098	891906109	123	1,242	SH	DFND	10	0	1,242	0
TOWNEBANK PORTSMOUTH VA	COM 0030	89214P109	3	86	SH	DFND	10	0	86	0
TRACTOR SUPPLY CO	COM 0090	892356106	13	146	SH	DFND	10	0	146	0
TRANSUNION	COM 0073	89400J107	5	65	SH	DFND	10	0	65	0
TRAVELERS COMPANIES INC	COM 0129	89417E109	10	76	SH	DFND	10	0	76	0

TRIMBLE INC	COM 0043	896239100	9	206	SH	DFND	10	0	206	0
TRIPADVISOR INC	COM 0051	896945201	1	26	SH	DFND	10	0	26	0
TRUEBLUE INC	COM 0026	89785X101	3	115	SH	DFND	10	0	115	0
TRUSTMARK CORP	COM 0033	898402102	2	73	SH	DFND	10	0	73	0
TWENTY FIRST CENTY FOX INC	CL A 0046	90130A101	2	42	SH	DFND	10	0	42	0
TYLER TECHNOLOGIES INC	COM 0245	902252105	28	116	SH	DFND	10	0	116	0
UGI CORP NEW	COM 0055	902681105	5	97	SH	DFND	10	0	97	0
UMB FINL CORP	COM 0070	902788108	3	41	SH	DFND	10	0	41	0
US BANCORP DEL	COM NEW 0052	902973304	92	1,738	SH	DFND	10	0	1,738	0
U S PHYSICAL THERAPY INC	COM 0118	90337L108	15	126	SH	DFND	10	0	126	0
ULTA BEAUTY INC	COM 0282	90384S303	1	3	SH	DFND	10	0	3	0
ULTIMATE SOFTWARE GROUP INC	COM 0322	90385D107	20	63	SH	DFND	10	0	63	0
UMPQUA HLDGS CORP	COM 0020	904214103	3	131	SH	DFND	10	0	131	0
UNILEVER N V	N Y SHS NEW 0055	904784709	3	51	SH	DFND	10	0	51	0
UNION BANKSHARES CORP NEW	COM 0038	90539J109	1	24	SH	DFND	10	0	24	0
UNION PAC CORP	COM 0162	907818108	100	614	SH	DFND	10	0	614	0
UNITED CMNTY BKS BLAIRSVLE G	COM 0027	90984P303	2	86	SH	DFND	10	0	86	0
UNITED BANKSHARES INC WEST V	COM 0036	909907107	5	148	SH	DFND	10	0	148	0
UNITED FIRE GROUP INC	COM 0050	910340108	3	54	SH	DFND	10	0	54	0
UNITED NAT FOODS INC	COM 0029	911163103	2	71	SH	DFND	10	0	71	0
UNITED PARCEL SERVICE INC	CL B 0116	911312106	59	508	SH	DFND	10	0	508	0
UNITED RENTALS INC	COM 0163	911363109	92	565	SH	DFND	10	0	565	0
US FOODS HLDG CORP	COM 0030	912008109	1	28	SH	DFND	10	0	28	0
UNITED TECHNOLOGIES CORP	COM 0139	913017109	19	139	SH	DFND	10	0	139	0
UNITEDHEALTH GROUP INC	COM 0266	91324P102	186	699	SH	DFND	10	0	699	0
UNIVAR INC	COM 0030	91336L107	3	89	SH	DFND	10	0	89	0
UNIVERSAL DISPLAY CORP	COM 0117	91347P105	8	72	SH	DFND	10	0	72	0
VAIL RESORTS INC	COM 0274	91879Q109	6	21	SH	DFND	10	0	21	0
VALERO ENERGY CORP NEW	COM 0113	91913Y100	151	1,330	SH	DFND	10	0	1,330	0
VANECK VECTORS ETF TR	FALLEN ANGEL HG 0029	92189F437	501	17,237	SH	DFND	10	0	17,237	0
VANGUARD BD INDEX FD INC	LONG TERM BOND 0087	921937793	359	4,102	SH	DFND	10	0	4,102	0
VANGUARD BD INDEX FD INC	INTERMED TERM 0080	921937819	283	3,510	SH	DFND	10	0	3,510	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND 0078	921937827	2,049	26,258	SH	DFND	10	0	26,258	0
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF0043	921943858	585	13,523	SH	DFND	10	0	13,523	0
VANGUARD WHITEHALL FDS INC	HIGH DIV YLD 0087	921946406	117	1,347	SH	DFND	10	0	1,347	0
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF 0054	92203J407	101	1,852	SH	DFND	10	0	1,852	0
VANGUARD WORLD FDS	CONSUM DIS ETF 0180	92204A108	320	1,774	SH	DFND	10	0	1,774	0
VANGUARD WORLD FDS	INF TECH ETF 0202	92204A702	327	1,614	SH	DFND	10	0	1,614	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD0078	92206C409	305	3,901	SH	DFND	10	0	3,901	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW 0156	92206C623	231	1,484	SH	DFND	10	0	1,484	0
VAREX IMAGING CORP	COM 0028	92214X106	0	16	SH	DFND	10	0	16	0

VARIAN MED SYS INC	COM 0111	92220P105	0	1	SH	DFND	10	0	1	0
VEEVA SYS INC	CL A COM 0108	922475108	5	45	SH	DFND	10	0	45	0
VENTAS INC	COM 0054	92276F100	13	232	SH	DFND	10	0	232	0
VANGUARD INDEX FDS	S&P 500 ETF SHS 0267	922908363	1,107	4,145	SH	DFND	10	0	4,145	0
VANGUARD INDEX FDS	REAL ESTATE ETF 0080	922908553	40	492	SH	DFND	10	0	492	0
VANGUARD INDEX FDS	GROWTH ETF 0161	922908736	540	3,351	SH	DFND	10	0	3,351	0
VANGUARD INDEX FDS	VALUE ETF 0110	922908744	238	2,153	SH	DFND	10	0	2,153	0
VANGUARD INDEX FDS	SMALL CP ETF 0162	922908751	248	1,527	SH	DFND	10	0	1,527	0
VERIZON COMMUNICATIONS INC	COM 0053	92343V104	95	1,781	SH	DFND	10	0	1,781	0
VERISK ANALYTICS INC	COM 0120	92345Y106	37	307	SH	DFND	10	0	307	0
VERTEX PHARMACEUTICALS INC	COM 0192	92532F100	29	152	SH	DFND	10	0	152	0
VISA INC	COM CL A 0150	92826C839	223	1,487	SH	DFND	10	0	1,487	0
VISTEON CORP	COM NEW 0092	92839U206	1	6	SH	DFND	10	0	6	0
VMWARE INC	CL A COM 0156	928563402	102	653	SH	DFND	10	0	653	0
VORNADO RLTY TR	SH BEN INT 0073	929042109	0	5	SH	DFND	10	0	5	0
WABCO HLDGS INC	COM 0117	92927K102	18	153	SH	DFND	10	0	153	0
WEC ENERGY GROUP INC	COM 0066	92939U106	10	148	SH	DFND	10	0	148	0
WABTEC CORP	COM 0104	929740108	27	253	SH	DFND	10	0	253	0
WAGeworks INC	COM 0042	930427109	8	186	SH	DFND	10	0	186	0
WALMART INC	COM 0093	931142103	116	1,236	SH	DFND	10	0	1,236	0
WALGREENS BOOTS ALLIANCE INC	COM 0072	931427108	7	102	SH	DFND	10	0	102	0
WASTE CONNECTIONS INC	COM 0079	94106B101	8	98	SH	DFND	10	0	98	0
WASTE MGMT INC DEL	COM 0090	94106L109	28	310	SH	DFND	10	0	310	0
WATERS CORP	COM 0194	941848103	17	87	SH	DFND	10	0	87	0
WATSCO INC	COM 0178	942622200	1	5	SH	DFND	10	0	5	0
WEBSTER FINL CORP CONN	COM 0058	947890109	14	236	SH	DFND	10	0	236	0
WELLS FARGO CO NEW	COM 0052	949746101	35	664	SH	DFND	10	0	664	0
WELLTOWER INC	COM 0064	95040Q104	13	207	SH	DFND	10	0	207	0
WESBANCO INC	COM 0044	950810101	2	49	SH	DFND	10	0	49	0
WEST PHARMACEUTICAL SVSC INC	COM 0123	955306105	38	308	SH	DFND	10	0	308	0
WESTERN ALLIANCE BANCORP	COM 0056	957638109	19	339	SH	DFND	10	0	339	0
WESTROCK CO	COM 0053	96145D105	21	398	SH	DFND	10	0	398	0
WEYERHAEUSER CO	COM 0032	962166104	32	995	SH	DFND	10	0	995	0
WHIRLPOOL CORP	COM 0118	963320106	0	4	SH	DFND	10	0	4	0
WHITING PETE CORP NEW	COM NEW 0053	966387409	2	46	SH	DFND	10	0	46	0
WILDHORSE RESOURCE DEV CORP	COM 0023	96812T102	2	93	SH	DFND	10	0	93	0
WISDOMTREE TR	EMER MKT HIGH FD0043	97717W315	156	3,582	SH	DFND	10	0	3,582	0
WOLVERINE WORLD WIDE INC	COM 0039	978097103	6	142	SH	DFND	10	0	142	0
WOODWARD INC	COM 0080	980745103	7	91	SH	DFND	10	0	91	0
WORLDPAY INC	CL A 0101	981558109	3	25	SH	DFND	10	0	25	0
WYNDHAM DESTINATIONS INC	COM 0043	98310W108	1	34	SH	DFND	10	0	34	0
WYNDHAM HOTELS & RESORTS INC	COM 0055	98311A105	2	28	SH	DFND	10	0	28	0
WYNN RESORTS LTD	COM 0127	983134107	6	44	SH	DFND	10	0	44	0
XPO LOGISTICS INC	COM 0114	983793100	14	124	SH	DFND	10	0	124	0

XCEL ENERGY INC	COM 0047	98389B100	5	98	SH	DFND	10	0	98	0
XILINX INC	COM 0080	983919101	14	173	SH	DFND	10	0	173	0
XYLEM INC	COM 0079	98419M100	7	86	SH	DFND	10	0	86	0
YUM BRANDS INC	COM 0090	988498101	4	46	SH	DFND	10	0	46	0
YUM CHINA HLDGS INC	COM 0035	98850P109	39	1,123	SH	DFND	10	0	1,123	0
ZEBRA TECHNOLOGIES CORP	CL A 0176	989207105	58	330	SH	DFND	10	0	330	0
ZOETIS INC	CL A 0091	98978V103	144	1,570	SH	DFND	10	0	1,570	0
ALKERMES PLC	SHS 0042	G01767105	8	180	SH	DFND	10	0	180	0
ALLEGION PUB LTD CO	ORD SHS 0090	G0176J109	1	10	SH	DFND	10	0	10	0
ALLERGAN PLC	SHS 0190	G0177J108	6	31	SH	DFND	10	0	31	0
AMDOCS LTD	SHS 0065	G02602103	0	1	SH	DFND	10	0	1	0
AON PLC	SHS CL A 0153	G0408V102	25	162	SH	DFND	10	0	162	0
ARCH CAP GROUP LTD	ORD 0029	G0450A105	2	81	SH	DFND	10	0	81	0
ARGO GROUP INTL HLDGS LTD	COM 0063	G0464B107	5	73	SH	DFND	10	0	73	0
AXIS CAPITAL HOLDINGS LTD	SHS 0057	G0692U109	0	5	SH	DFND	10	0	5	0
ACCENTURE PLC IRELAND	SHS CLASS A 0170	G1151C101	138	812	SH	DFND	10	0	812	0
COCA COLA EUROPEAN PARTNERS	SHS 0045	G25839104	2	52	SH	DFND	10	0	52	0
DELPHI TECHNOLOGIES PLC	SHS 0031	G2709G107	1	16	SH	DFND	10	0	16	0
EATON CORP PLC	SHS 0086	G29183103	65	752	SH	DFND	10	0	752	0
ENDO INTL PLC	SHS 0016	G30401106	1	45	SH	DFND	10	0	45	0
EVEREST RE GROUP LTD	COM 0228	G3223R108	2	10	SH	DFND	10	0	10	0
GENPACT LIMITED	SHS 0030	G3922B107	38	1,227	SH	DFND	10	0	1,227	0
ICON PLC	SHS 0153	G4705A100	89	582	SH	DFND	10	0	582	0
IHS MARKIT LTD	SHS 0053	G47567105	4	66	SH	DFND	10	0	66	0
INGERSOLL-RAND PLC	SHS 0102	G47791101	40	387	SH	DFND	10	0	387	0
INVESCO LTD	SHS 0022	G491BT108	4	187	SH	DFND	10	0	187	0
JAMES RIV GROUP LTD	COM 0042	G5005R107	11	268	SH	DFND	10	0	268	0
JAZZ PHARMACEUTICALS PLC	SHS USD 0168	G50871105	4	23	SH	DFND	10	0	23	0
JOHNSON CTLS INTL PLC	SHS 0035	G51502105	67	1,920	SH	DFND	10	0	1,920	0
LAZARD LTD	SHS A 0048	G54050102	1	22	SH	DFND	10	0	22	0
LIBERTY GLOBAL PLC	SHS CL C 0028	G5480U120	2	64	SH	DFND	10	0	64	0
LIVANOVA PLC	SHS 0123	G5509L101	2	14	SH	DFND	10	0	14	0
MEDTRONIC PLC	SHS 0098	G5960L103	98	1,001	SH	DFND	10	0	1,001	0
MICHAEL KORS HLDGS LTD	SHS 0068	G60754101	92	1,342	SH	DFND	10	0	1,342	0
APTIV PLC	SHS 0083	G6095L109	1	8	SH	DFND	10	0	8	0
NVENT ELECTRIC PLC	SHS 0027	G6700G107	0	10	SH	DFND	10	0	10	0
RENAISSANCERE HOLDINGS LTD	COM 0133	G7496G103	4	33	SH	DFND	10	0	33	0
SEAGATE TECHNOLOGY PLC	SHS 0047	G7945M107	81	1,715	SH	DFND	10	0	1,715	0
PENTAIR PLC	SHS 0043	G7S00T104	0	10	SH	DFND	10	0	10	0
STERIS PLC	SHS USD 0114	G84720104	90	785	SH	DFND	10	0	785	0
CHUBB LIMITED	COM 0133	H1467J104	160	1,196	SH	DFND	10	0	1,196	0
TE CONNECTIVITY LTD	REG SHS 0087	H84989104	5	52	SH	DFND	10	0	52	0
CHECK POINT SOFTWARE TECH LT	ORD 0117	M22465104	64	547	SH	DFND	10	0	547	0
AERCAP HOLDINGS NV	SHS 0057	N00985106	48	842	SH	DFND	10	0	842	0
CORE LABORATORIES N V	COM 0115	N22717107	69	598	SH	DFND	10	0	598	0
LYONDELLBASELL INDUSTRIES N	SHS - A - 0102	N53745100	3	25	SH	DFND	10	0	25	0
NXP SEMICONDUCTORS N V	COM 0085	N6596X109	16	189	SH	DFND	10	0	189	0

QIAGEN NV	SHS NEW 0037	N72482123	1	29	SH	DFND	10	0	29	0
YANDEX N V	SHS CLASS A 0032	N97284108	12	357	SH	DFND	10	0	357	0
ROYAL CARIBBEAN CRUISES LTD	COM 0129	V7780T103	8	60	SH	DFND	10	0	60	0