

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: July 31, 2015
Estimated average burden
hours per response: 23.8

Report for the Calendar Year or Quarter Ended: 12-31-2019

Check here if Amendment Amendment Number:

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

adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: AMERICAN INTERNATIONAL GROUP INC

Address: 175 Water Street

New York, NY 10038

Form 13F File
Number: 028-00219

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: Geoffrey N. Cornell

Title: Vice President and Deputy AIG Chief Investment
Officer

Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Geoffrey N. Cornell New York, NY 02-05-2020

[Signature]

[City, State]

[Date]

Report Type (Check only one.):

13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2

Form 13F Information Table Entry Total: 3,080

Form 13F Information Table Value Total: 25,885,683

(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
1	028-02725	SUNAMERICA ASSET MANAGEMENT, LLC
2	028-13934	AIG Asset Management (U.S.), LLC

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

The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549
FORM 13F

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	July 31, 2015
Estimated average burden hours per response:	23.8

FORM 13F INFORMATION TABLE

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 VALUE (x\$1000)	COLUMN 5 SHRS OR SH/ PRN AMT	COLUMN 6 PUT/ INVESTMENT DISCRETION	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY		
							SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	225	15,534 SH	SOLE	1	15,534	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	123	5,546 SH	SOLE	1	5,546	0	0
1ST SOURCE CORP	COM	336901103	458	8,836 SH	SOLE	1	8,836	0	0
22ND CENTURY GROUP INC	COM	90137F103	80	72,457 SH	SOLE	1	72,457	0	0
2U INC	COM	90214J101	25	1,035 SH	SOLE	1	1,035	0	0
3D SYSTEMS CORP	COM	88554D205	730	83,379 SH	SOLE	1	83,379	0	0
3M CO	COM	88579Y101	374,530	2,122,944 SH	SOLE	1	2,122,944	0	0
51JOB INC ADR	ADR	316827104	25	300 SH	SOLE	1	300	0	0
58.COM INC ADR	ADR	31680Q104	84	1,302 SH	SOLE	1	1,302	0	0
89BIO INC	COM	282559103	48	1,839 SH	SOLE	1	1,839	0	0
8X8 INC	COM	282914100	1,250	68,312 SH	SOLE	1	68,312	0	0
A10 NETWORKS INC	COM	002121101	212	30,816 SH	SOLE	1	30,816	0	0
AAON INC	COM	000360206	1,463	29,613 SH	SOLE	1	29,613	0	0
AAR CORP	COM	000361105	1,084	24,029 SH	SOLE	1	24,029	0	0
AARON S INC	COM	002535300	9,758	170,864 SH	SOLE	1	170,864	0	0
ABBOTT LABORATORIES	COM	002824100	58,037	668,168 SH	SOLE	1	668,168	0	0
ABBVIE INC	COM	00287Y109	403,388	4,556,000 SH	SOLE	1	4,556,000	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	69	20,972 SH	SOLE	1	20,972	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	784	45,331 SH	SOLE	1	45,331	0	0
ABIOMED INC	COM	003654100	2,847	16,691 SH	SOLE	1	16,691	0	0
ABM INDUSTRIES INC	COM	000957100	1,812	48,064 SH	SOLE	1	48,064	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	35	100,294 SH	SOLE	1	100,294	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,610	23,748 SH	SOLE	1	23,748	0	0
ACACIA RESEARCH CORP	COM	003881307	82	30,829 SH	SOLE	1	30,829	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	5,677	170,906 SH	SOLE	1	170,906	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	3,015	70,486 SH	SOLE	1	70,486	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,605	61,905 SH	SOLE	1	61,905	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	289	17,080 SH	SOLE	1	17,080	0	0

ACCELERON PHARMA INC	COM	00434H108	1,495	28,201	SH	SOLE	1	28,201	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	43,872	208,347	SH	SOLE	1	208,347	0	0
ACCO BRANDS CORP	COM	00081T108	565	60,362	SH	SOLE	1	60,362	0	0
ACCURAY INC	COM	004397105	155	55,019	SH	SOLE	1	55,019	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	104	49,067	SH	SOLE	1	49,067	0	0
ACER THERAPEUTICS INC	COM	00444P108	13	3,142	SH	SOLE	1	3,142	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	514	85,322	SH	SOLE	1	85,322	0	0
ACI WORLDWIDE INC	COM	004498101	11,116	293,410	SH	SOLE	1	293,410	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	36	19,294	SH	SOLE	1	19,294	0	0
ACNB CORP	COM	000868109	162	4,284	SH	SOLE	1	4,284	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	67	32,704	SH	SOLE	1	32,704	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	19,118	321,737	SH	SOLE	1	321,737	0	0
ACTUANT CORP A	COM	00508X203	1,031	39,598	SH	SOLE	1	39,598	0	0
ACUITY BRANDS INC	COM	00508Y102	10,564	76,550	SH	SOLE	1	76,550	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	716	22,035	SH	SOLE	1	22,035	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	54	14,305	SH	SOLE	1	14,305	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	10	348	SH	SOLE	1	348	0	0
ADDUS HOMECARE CORP	COM	006739106	884	9,095	SH	SOLE	1	9,095	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	144	16,950	SH	SOLE	1	16,950	0	0
ADIANT PLC	COM	G0084W101	4,708	221,554	SH	SOLE	1	221,554	0	0
ADMA BIOLOGICS INC	COM	000899104	126	31,516	SH	SOLE	1	31,516	0	0
ADOBE INC	COM	00724F101	70,418	213,512	SH	SOLE	1	213,512	0	0
ADT INC	COM	00090Q103	14	1,771	SH	SOLE	1	1,771	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	4,795	137,109	SH	SOLE	1	137,109	0	0
ADTRAN INC	COM	00738A106	341	34,433	SH	SOLE	1	34,433	0	0
ADURO BIOTECH INC	COM	00739L101	48	41,017	SH	SOLE	1	41,017	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,754	23,437	SH	SOLE	1	23,437	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,496	45,508	SH	SOLE	1	45,508	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	1,055	27,172	SH	SOLE	1	27,172	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	108	10,305	SH	SOLE	1	10,305	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,959	27,512	SH	SOLE	1	27,512	0	0
ADVANCED MICRO DEVICES	COM	007903107	22,400	488,444	SH	SOLE	1	488,444	0	0
ADVANSIX INC	COM	00773T101	402	20,148	SH	SOLE	1	20,148	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	389	33,801	SH	SOLE	1	33,801	0	0
AECOM	COM	00766T100	14,319	332,006	SH	SOLE	1	332,006	0	0
AEGION CORP	COM	00770F104	493	22,026	SH	SOLE	1	22,026	0	0

AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	125	16,383	SH	SOLE	1	16,383	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,417	23,055	SH	SOLE	1	23,055	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	639	26,432	SH	SOLE	1	26,432	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,406	52,693	SH	SOLE	1	52,693	0	0
AEROVIRONMENT INC	COM	008073108	951	15,402	SH	SOLE	1	15,402	0	0
AES CORP	COM	00130H105	7,755	389,699	SH	SOLE	1	389,699	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	8,060	95,109	SH	SOLE	1	95,109	0	0
AFFIMED NV	COM	N01045108	126	46,050	SH	SOLE	1	46,050	0	0
AFLAC INC	COM	001055102	16,369	309,441	SH	SOLE	1	309,441	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	314	20,380	SH	SOLE	1	20,380	0	0
AGCO CORP	COM	001084102	9,346	120,988	SH	SOLE	1	120,988	0	0
AGENUS INC	COM	00847G705	273	67,012	SH	SOLE	1	67,012	0	0
AGEX THERAPEUTICS INC	COM	00848H108	24	13,319	SH	SOLE	1	13,319	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	10,810	126,713	SH	SOLE	1	126,713	0	0
AGILYSYS INC	COM	00847J105	379	14,907	SH	SOLE	1	14,907	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	41	852	SH	SOLE	1	852	0	0
AGNC INVESTMENT CORP	COM	00123Q104	152	8,597	SH	SOLE	1	8,597	0	0
AGREE REALTY CORP	COM	008492100	2,257	32,158	SH	SOLE	1	32,158	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	943	28,179	SH	SOLE	1	28,179	0	0
AIR LEASE CORP	COM	00912X302	80	1,690	SH	SOLE	1	1,690	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	20,200	85,962	SH	SOLE	1	85,962	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	859	36,618	SH	SOLE	1	36,618	0	0
AIRCASTLE LTD	COM	G0129K104	1,050	32,809	SH	SOLE	1	32,809	0	0
AIRGAIN INC	COM	00938A104	60	5,595	SH	SOLE	1	5,595	0	0
AK STEEL HOLDING CORP	COM	001547108	749	227,578	SH	SOLE	1	227,578	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,144	59,549	SH	SOLE	1	59,549	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	134	7,882	SH	SOLE	1	7,882	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	467	73,926	SH	SOLE	1	73,926	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	68	3,062	SH	SOLE	1	3,062	0	0
AKORN INC	COM	009728106	101	67,546	SH	SOLE	1	67,546	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	127	15,931	SH	SOLE	1	15,931	0	0
ALAMO GROUP INC	COM	011311107	883	7,033	SH	SOLE	1	7,033	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,139	26,501	SH	SOLE	1	26,501	0	0
ALASKA AIR GROUP INC	COM	011659109	3,982	58,774	SH	SOLE	1	58,774	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,680	22,123	SH	SOLE	1	22,123	0	0
ALBEMARLE CORP	COM	012653101	2,607	35,689	SH	SOLE	1	35,689	0	0
ALBIREO PHARMA INC	COM	01345P106	173	6,814	SH	SOLE	1	6,814	0	0

ALCOA CORP	COM	013872106	63	2,913 SH	SOLE	1	2,913	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	83	14,360 SH	SOLE	1	14,360	0	0
ALECTOR INC	COM	014442107	327	18,969 SH	SOLE	1	18,969	0	0
ALERUS FINANCIAL CORP	COM	01446U103	43	1,870 SH	SOLE	1	1,870	0	0
ALEXANDER & BALDWIN INC	COM	014491104	3,626	172,997 SH	SOLE	1	172,997	0	0
ALEXANDER S INC	COM	014752109	441	1,335 SH	SOLE	1	1,335	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	6,518	40,339 SH	SOLE	1	40,339	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	10,637	98,358 SH	SOLE	1	98,358	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	4,275	20,155 SH	SOLE	1	20,155	0	0
ALICO INC	COM	016230104	91	2,528 SH	SOLE	1	2,528	0	0
ALIGN TECHNOLOGY INC	COM	016255101	9,180	32,900 SH	SOLE	1	32,900	0	0
ALKERMES PLC	COM	G01767105	50	2,444 SH	SOLE	1	2,444	0	0
ALLAKOS INC	COM	01671P100	1,163	12,195 SH	SOLE	1	12,195	0	0
ALLEGHANY CORP	COM	017175100	22,214	27,782 SH	SOLE	1	27,782	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	6,614	320,136 SH	SOLE	1	320,136	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	516	13,721 SH	SOLE	1	13,721	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,637	9,405 SH	SOLE	1	9,405	0	0
ALLEGION PLC	COM	G0176J109	4,096	32,891 SH	SOLE	1	32,891	0	0
ALLERGAN PLC	COM	G0177J108	20,146	105,382 SH	SOLE	1	105,382	0	0
ALLETE INC	COM	018522300	10,664	131,377 SH	SOLE	1	131,377	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	1,551	13,822 SH	SOLE	1	13,822	0	0
ALLIANT ENERGY CORP	COM	018802108	4,426	80,881 SH	SOLE	1	80,881	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	215	4,428 SH	SOLE	1	4,428	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	125	2,586 SH	SOLE	1	2,586	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	631	24,288 SH	SOLE	1	24,288	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,045	412,139 SH	SOLE	1	412,139	0	0
ALLSTATE CORP	COM	020002101	18,438	163,962 SH	SOLE	1	163,962	0	0
ALLY FINANCIAL INC	COM	02005N100	187	6,135 SH	SOLE	1	6,135	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	271	2,351 SH	SOLE	1	2,351	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	173	12,670 SH	SOLE	1	12,670	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	186,648	139,353 SH	SOLE	1	139,353	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	156,074	116,733 SH	SOLE	1	116,733	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	174	24,476 SH	SOLE	1	24,476	0	0
ALTAIR ENGINEERING INC A	COM	021369103	899	25,048 SH	SOLE	1	25,048	0	0
ALTERYX INC CLASS A	COM	02156B103	107	1,066 SH	SOLE	1	1,066	0	0

ALTICE USA INC A	COM	02156K103	201	7,340	SH	SOLE	1	7,340	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	68	3,537	SH	SOLE	1	3,537	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,459	40,293	SH	SOLE	1	40,293	0	0
ALTRIA GROUP INC	COM	02209S103	376,094	7,535,447	SH	SOLE	1	7,535,447	0	0
ALTUS MIDSTREAM CO A	COM	02215L100	90	31,546	SH	SOLE	1	31,546	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	296	24,334	SH	SOLE	1	24,334	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	169	8,677	SH	SOLE	1	8,677	0	0
AMAZON.COM INC	COM	023135106	302,164	163,523	SH	SOLE	1	163,523	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	705	32,666	SH	SOLE	1	32,666	0	0
AMBARELLA INC	COM	G037AX101	1,198	19,777	SH	SOLE	1	19,777	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	234	32,305	SH	SOLE	1	32,305	0	0
AMC NETWORKS INC A	COM	00164V103	3,372	85,357	SH	SOLE	1	85,357	0	0
AMCOR PLC	COM	G0250X107	5,638	520,095	SH	SOLE	1	520,095	0	0
AMDOCS LTD	COM	G02602103	153	2,126	SH	SOLE	1	2,126	0	0
AMEDISYS INC	COM	023436108	13,585	81,389	SH	SOLE	1	81,389	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	265	6,699	SH	SOLE	1	6,699	0	0
AMERANT BANCORP INC	COM	023576101	264	12,116	SH	SOLE	1	12,116	0	0
AMERCO	COM	023586100	52	138	SH	SOLE	1	138	0	0
AMEREN CORPORATION	COM	023608102	6,361	82,823	SH	SOLE	1	82,823	0	0
AMERESCO INC CL A	CL A	02361E108	246	14,069	SH	SOLE	1	14,069	0	0
AMERICA S CAR MART INC	COM	03062T105	429	3,908	SH	SOLE	1	3,908	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	4,807	167,615	SH	SOLE	1	167,615	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,601	34,871	SH	SOLE	1	34,871	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	871	80,924	SH	SOLE	1	80,924	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	12,620	268,332	SH	SOLE	1	268,332	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	5,934	403,664	SH	SOLE	1	403,664	0	0
AMERICAN ELECTRIC POWER	COM	025537101	14,986	158,567	SH	SOLE	1	158,567	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,951	65,185	SH	SOLE	1	65,185	0	0
AMERICAN EXPRESS CO	COM	025816109	33,253	267,113	SH	SOLE	1	267,113	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	888	66,960	SH	SOLE	1	66,960	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,837	144,428	SH	SOLE	1	144,428	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	277	10,554	SH	SOLE	1	10,554	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	14,335	279,270	SH	SOLE	1	279,270	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	14	116	SH	SOLE	1	116	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	314	33,877	SH	SOLE	1	33,877	0	0

AMERICAN PUBLIC EDUCATION	COM	02913V103	300	10,940	SH	SOLE	1	10,940	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	27	1,560	SH	SOLE	1	1,560	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	119	11,486	SH	SOLE	1	11,486	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	269	18,057	SH	SOLE	1	18,057	0	0
AMERICAN STATES WATER CO	COM	029899101	2,296	26,497	SH	SOLE	1	26,497	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	105	13,365	SH	SOLE	1	13,365	0	0
AMERICAN TOWER CORP	COM	03027X100	39,217	170,644	SH	SOLE	1	170,644	0	0
AMERICAN VANGUARD CORP	COM	030371108	401	20,609	SH	SOLE	1	20,609	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,543	93,962	SH	SOLE	1	93,962	0	0
AMERICAN WOODMARK CORP	COM	030506109	1,259	12,046	SH	SOLE	1	12,046	0	0
AMERICOLD REALTY TRUST	COM	03064D108	157	4,490	SH	SOLE	1	4,490	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	8,526	51,183	SH	SOLE	1	51,183	0	0
AMERIS BANCORP	COM	03076K108	1,895	44,547	SH	SOLE	1	44,547	0	0
AMERISAFE INC	COM	03071H100	912	13,816	SH	SOLE	1	13,816	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,405	51,817	SH	SOLE	1	51,817	0	0
AMES NATIONAL CORP	COM	031001100	156	5,558	SH	SOLE	1	5,558	0	0
AMETEK INC	COM	031100100	9,455	94,798	SH	SOLE	1	94,798	0	0
AMGEN INC	COM	031162100	67,637	280,569	SH	SOLE	1	280,569	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,561	160,222	SH	SOLE	1	160,222	0	0
AMKOR TECHNOLOGY INC	COM	031652100	800	61,510	SH	SOLE	1	61,510	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,076	33,312	SH	SOLE	1	33,312	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	357	74,031	SH	SOLE	1	74,031	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	497	25,752	SH	SOLE	1	25,752	0	0
AMPHENOL CORP CL A	CL A	032095101	11,400	105,333	SH	SOLE	1	105,333	0	0
AMPLIFY ENERGY CORP	COM	03212B103	394	59,537	SH	SOLE	1	59,537	0	0
AMYRIS INC	COM	03236M200	115	37,360	SH	SOLE	1	37,360	0	0
ANALOG DEVICES INC	COM	032654105	19,288	162,301	SH	SOLE	1	162,301	0	0
ANAPLAN INC	COM	03272L108	103	1,962	SH	SOLE	1	1,962	0	0
ANAPTYSBIO INC	COM	032724106	250	15,383	SH	SOLE	1	15,383	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	70	26,881	SH	SOLE	1	26,881	0	0
ANDERSONS INC/THE	COM	034164103	577	22,840	SH	SOLE	1	22,840	0	0
ANGIODYNAMICS INC	COM	03475V101	427	26,702	SH	SOLE	1	26,702	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	408	6,614	SH	SOLE	1	6,614	0	0
ANIKA THERAPEUTICS INC	COM	035255108	506	9,754	SH	SOLE	1	9,754	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	2,024	21,975	SH	SOLE	1	21,975	0	0

ANNALY CAPITAL MANAGEMENT IN	COM	035710409	215	22,825	SH	SOLE	1	22,825	0	0
ANSYS INC	COM	03662Q105	9,227	35,844	SH	SOLE	1	35,844	0	0
ANTARES PHARMA INC	COM	036642106	476	101,276	SH	SOLE	1	101,276	0	0
ANTERIX INC	COM	03676C100	291	6,732	SH	SOLE	1	6,732	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	4,342	572,100	SH	SOLE	1	572,100	0	0
ANTERO RESOURCES CORP	COM	03674X106	12	4,139	SH	SOLE	1	4,139	0	0
ANTHEM INC	COM	036752103	24,585	81,398	SH	SOLE	1	81,398	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	215	61,158	SH	SOLE	1	61,158	0	0
AON PLC	COM	G0408V102	18,035	86,587	SH	SOLE	1	86,587	0	0
APACHE CORP	COM	037411105	4,148	162,087	SH	SOLE	1	162,087	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	2,736	52,963	SH	SOLE	1	52,963	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	936	30,580	SH	SOLE	1	30,580	0	0
APERGY CORP	COM	03755L104	5,050	149,488	SH	SOLE	1	149,488	0	0
APOGEE ENTERPRISES INC	COM	037598109	615	18,931	SH	SOLE	1	18,931	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	2,018	110,331	SH	SOLE	1	110,331	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	71	3,854	SH	SOLE	1	3,854	0	0
APPFOLIO INC A	COM	03783C100	1,082	9,841	SH	SOLE	1	9,841	0	0
APIIAN CORP	COM	03782L101	815	21,329	SH	SOLE	1	21,329	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	202	12,411	SH	SOLE	1	12,411	0	0
APPLE INC	COM	037833100	515,238	1,754,599	SH	SOLE	1	1,754,599	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,849	27,723	SH	SOLE	1	27,723	0	0
APPLIED MATERIALS INC	COM	038222105	24,408	399,861	SH	SOLE	1	399,861	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	163	13,734	SH	SOLE	1	13,734	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	109	4,009	SH	SOLE	1	4,009	0	0
APREA THERAPEUTICS INC	COM	03836J102	186	4,043	SH	SOLE	1	4,043	0	0
APTARGROUP INC	COM	038336103	14,288	123,575	SH	SOLE	1	123,575	0	0
APTIV PLC	COM	G6095L109	8,179	86,126	SH	SOLE	1	86,126	0	0
APYX MEDICAL CORP	COM	03837C106	176	20,851	SH	SOLE	1	20,851	0	0
AQUA AMERICA INC	COM	03836W103	19,553	416,558	SH	SOLE	1	416,558	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	238	8,781	SH	SOLE	1	8,781	0	0
ARAMARK	COM	03852U106	167	3,838	SH	SOLE	1	3,838	0	0
ARCBEST CORP	COM	03937C105	508	18,394	SH	SOLE	1	18,394	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	275	6,415	SH	SOLE	1	6,415	0	0
ARCH COAL INC A	COM	039380407	677	9,441	SH	SOLE	1	9,441	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,688	187,445	SH	SOLE	1	187,445	0	0
ARCHROCK INC	COM	03957W106	933	92,924	SH	SOLE	1	92,924	0	0
ARCONIC INC	COM	03965L100	4,082	132,661	SH	SOLE	1	132,661	0	0

ARCOSA INC	COM	039653100	1,565	35,129	SH	SOLE	1	35,129	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	205	20,328	SH	SOLE	1	20,328	0	0
ARDAGH GROUP SA	COM	L0223L101	6	289	SH	SOLE	1	289	0	0
ARDELYX INC	COM	039697107	222	29,533	SH	SOLE	1	29,533	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	189	20,909	SH	SOLE	1	20,909	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,436	31,625	SH	SOLE	1	31,625	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	268	16,901	SH	SOLE	1	16,901	0	0
ARES MANAGEMENT CORP A	COM	03990B101	1,598	44,777	SH	SOLE	1	44,777	0	0
ARGAN INC	COM	04010E109	370	9,218	SH	SOLE	1	9,218	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,345	20,449	SH	SOLE	1	20,449	0	0
ARISTA NETWORKS INC	COM	040413106	3,948	19,411	SH	SOLE	1	19,411	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	126	22,596	SH	SOLE	1	22,596	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	228	54,268	SH	SOLE	1	54,268	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	873	47,579	SH	SOLE	1	47,579	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	760	42,548	SH	SOLE	1	42,548	0	0
ARMSTRONG FLOORING INC	COM	04238R106	47	11,084	SH	SOLE	1	11,084	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	108	1,147	SH	SOLE	1	1,147	0	0
ARQULE INC	COM	04269E107	1,402	70,251	SH	SOLE	1	70,251	0	0
ARROW ELECTRONICS INC	COM	042735100	14,563	171,857	SH	SOLE	1	171,857	0	0
ARROW FINANCIAL CORP	COM	042744102	302	7,989	SH	SOLE	1	7,989	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	15,864	250,099	SH	SOLE	1	250,099	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	186	5,009	SH	SOLE	1	5,009	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	6,107	64,129	SH	SOLE	1	64,129	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,013	31,339	SH	SOLE	1	31,339	0	0
ARVINAS INC	COM	04335A105	546	13,284	SH	SOLE	1	13,284	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,559	13,944	SH	SOLE	1	13,944	0	0
ASCENA RETAIL GROUP INC	COM	04351G200	38	4,904	SH	SOLE	1	4,904	0	0
ASGN INC	COM	00191U102	9,444	133,076	SH	SOLE	1	133,076	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	157	56,378	SH	SOLE	1	56,378	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,895	116,235	SH	SOLE	1	116,235	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,419	4,795	SH	SOLE	1	4,795	0	0
ASPEN TECHNOLOGY INC	COM	045327103	195	1,616	SH	SOLE	1	1,616	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	295	14,411	SH	SOLE	1	14,411	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	50	40,383	SH	SOLE	1	40,383	0	0

ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	250	8,627	SH	SOLE	1	8,627	0	0
ASSOCIATED BANC CORP	COM	045487105	6,779	307,557	SH	SOLE	1	307,557	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	47	1,205	SH	SOLE	1	1,205	0	0
ASSURANT INC	COM	04621X108	4,500	34,329	SH	SOLE	1	34,329	0	0
ASSURED GUARANTY LTD	COM	G0585R106	74	1,513	SH	SOLE	1	1,513	0	0
ASTEC INDUSTRIES INC	COM	046224101	678	16,149	SH	SOLE	1	16,149	0	0
ASTRONICS CORP	COM	046433108	400	14,317	SH	SOLE	1	14,317	0	0
ASTRONOVA INC	COM	04638F108	59	4,281	SH	SOLE	1	4,281	0	0
AT HOME GROUP INC	COM	04650Y100	164	29,849	SH	SOLE	1	29,849	0	0
AT&T INC	COM	00206R102	95,343	2,439,686	SH	SOLE	1	2,439,686	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	531	32,240	SH	SOLE	1	32,240	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	129	2,751	SH	SOLE	1	2,751	0	0
ATHENEX INC	COM	04685N103	653	42,758	SH	SOLE	1	42,758	0	0
ATHERSYS INC	COM	04744L106	103	83,860	SH	SOLE	1	83,860	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	1,186	29,314	SH	SOLE	1	29,314	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	246	13,408	SH	SOLE	1	13,408	0	0
ATLANTIC POWER CORP	COM	04878Q863	156	66,937	SH	SOLE	1	66,937	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,879	50,031	SH	SOLE	1	50,031	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	470	17,037	SH	SOLE	1	17,037	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	297	2,469	SH	SOLE	1	2,469	0	0
ATMOS ENERGY CORP	COM	049560105	4,491	40,147	SH	SOLE	1	40,147	0	0
ATN INTERNATIONAL INC	COM	00215F107	442	7,973	SH	SOLE	1	7,973	0	0
ATRECA INC A	COM	04965G109	63	4,076	SH	SOLE	1	4,076	0	0
ATRICURE INC	COM	04963C209	774	23,795	SH	SOLE	1	23,795	0	0
ATRION CORPORATION	COM	049904105	673	896	SH	SOLE	1	896	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	1,686	28,177	SH	SOLE	1	28,177	0	0
AUTODESK INC	COM	052769106	17,606	95,967	SH	SOLE	1	95,967	0	0
AUTOHOME INC ADR	ADR	05278C107	64	796	SH	SOLE	1	796	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	33,437	196,114	SH	SOLE	1	196,114	0	0
AUTONATION INC	COM	05329W102	5,522	113,554	SH	SOLE	1	113,554	0	0
AUTOZONE INC	COM	053332102	10,113	8,489	SH	SOLE	1	8,489	0	0
AVALARA INC	COM	05338G106	79	1,076	SH	SOLE	1	1,076	0	0
AVALON GLOBOCARE CORP	COM	05344R104	26	13,572	SH	SOLE	1	13,572	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	11,580	55,221	SH	SOLE	1	55,221	0	0
AVANGRID INC	COM	05351W103	45	881	SH	SOLE	1	881	0	0
AVANOS MEDICAL INC	COM	05350V106	4,090	121,370	SH	SOLE	1	121,370	0	0
AVANTOR INC	COM	05352A100	90	4,949	SH	SOLE	1	4,949	0	0
AVAYA HOLDINGS CORP	COM	05351X101	938	69,457	SH	SOLE	1	69,457	0	0

AVERY DENNISON CORP	COM	053611109	3,847	29,404	SH	SOLE	1	29,404	0	0
AVID BIOSERVICES INC	COM	05368M106	269	35,097	SH	SOLE	1	35,097	0	0
AVID TECHNOLOGY INC	COM	05367P100	152	17,745	SH	SOLE	1	17,745	0	0
AVIS BUDGET GROUP INC	COM	053774105	4,670	144,844	SH	SOLE	1	144,844	0	0
AVISTA CORP	COM	05379B107	2,313	48,095	SH	SOLE	1	48,095	0	0
AVNET INC	COM	053807103	8,271	194,877	SH	SOLE	1	194,877	0	0
AVON PRODUCTS INC	COM	054303102	239	42,459	SH	SOLE	1	42,459	0	0
AVROBIO INC	COM	05455M100	260	12,904	SH	SOLE	1	12,904	0	0
AVX CORP	COM	002444107	603	29,477	SH	SOLE	1	29,477	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	161	6,500	SH	SOLE	1	6,500	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	113	3,730	SH	SOLE	1	3,730	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	562	23,305	SH	SOLE	1	23,305	0	0
AXCELLA HEALTH INC	COM	05454B105	20	4,884	SH	SOLE	1	4,884	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	81	1,357	SH	SOLE	1	1,357	0	0
AXOGEN INC	COM	05463X106	380	21,239	SH	SOLE	1	21,239	0	0
AXON ENTERPRISE INC	COM	05464C101	11,001	150,127	SH	SOLE	1	150,127	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	271	9,788	SH	SOLE	1	9,788	0	0
AXOS FINANCIAL INC	COM	05465C100	1,251	41,318	SH	SOLE	1	41,318	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,629	15,758	SH	SOLE	1	15,758	0	0
AXT INC	COM	00246W103	105	24,117	SH	SOLE	1	24,117	0	0
AZZ INC	COM	002474104	863	18,775	SH	SOLE	1	18,775	0	0
B. RILEY FINANCIAL INC	COM	05580M108	324	12,848	SH	SOLE	1	12,848	0	0
B&G FOODS INC	COM	05508R106	823	45,876	SH	SOLE	1	45,876	0	0
BADGER METER INC	COM	056525108	1,344	20,701	SH	SOLE	1	20,701	0	0
BAIDU INC SPON ADR	ADR	056752108	2,753	21,777	SH	SOLE	1	21,777	0	0
BAKER HUGHES CO	COM	05722G100	7,568	295,267	SH	SOLE	1	295,267	0	0
BALCHEM CORP	COM	057665200	2,363	23,249	SH	SOLE	1	23,249	0	0
BALL CORP	COM	058498106	8,576	132,606	SH	SOLE	1	132,606	0	0
BANC OF CALIFORNIA INC	COM	05990K106	561	32,672	SH	SOLE	1	32,672	0	0
BANCFIRST CORP	COM	05945F103	728	11,662	SH	SOLE	1	11,662	0	0
BANCO MACRO SA ADR	ADR	05961W105	20	562	SH	SOLE	1	562	0	0
BANCORP INC/THE	COM	05969A105	1,392	107,344	SH	SOLE	1	107,344	0	0
BANCORPSOUTH BANK	COM	05971J102	7,721	245,819	SH	SOLE	1	245,819	0	0
BANDWIDTH INC CLASS A	COM	05988J103	645	10,066	SH	SOLE	1	10,066	0	0
BANK FIRST CORP	COM	06211J100	253	3,618	SH	SOLE	1	3,618	0	0
BANK OF AMERICA CORP	COM	060505104	92,558	2,628,000	SH	SOLE	1	2,628,000	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	126	10,852	SH	SOLE	1	10,852	0	0
BANK OF HAWAII CORP	COM	062540109	7,397	77,727	SH	SOLE	1	77,727	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	373	8,284	SH	SOLE	1	8,284	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	1,286	34,738	SH	SOLE	1	34,738	0	0

BANK OF NEW YORK MELLON CORP	COM	064058100	17,512	347,944	SH	SOLE	1	347,944	0	0
BANK OZK	COM	06417N103	7,117	233,307	SH	SOLE	1	233,307	0	0
BANK7 CORP	COM	06652N107	44	2,328	SH	SOLE	1	2,328	0	0
BANKFINANCIAL CORP	COM	06643P104	114	8,728	SH	SOLE	1	8,728	0	0
BANKUNITED INC	COM	06652K103	54	1,472	SH	SOLE	1	1,472	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	120	4,163	SH	SOLE	1	4,163	0	0
BANNER CORPORATION	COM	06652V208	1,446	25,559	SH	SOLE	1	25,559	0	0
BAOZUN INC SPN ADR	ADR	06684L103	13	400	SH	SOLE	1	400	0	0
BAR HARBOR BANKSHARES	COM	066849100	243	9,552	SH	SOLE	1	9,552	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	126	29,404	SH	SOLE	1	29,404	0	0
BARNES GROUP INC	COM	067806109	2,112	34,086	SH	SOLE	1	34,086	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	411	4,541	SH	SOLE	1	4,541	0	0
BASSETT FURNITURE INDS	COM	070203104	100	5,975	SH	SOLE	1	5,975	0	0
BAUDAX BIO INC WI	COM	07160F107	34	4,851	SH	SOLE	1	4,851	0	0
BAXTER INTERNATIONAL INC	COM	071813109	16,582	198,303	SH	SOLE	1	198,303	0	0
BAYCOM CORP	COM	07272M107	155	6,810	SH	SOLE	1	6,810	0	0
BBVA ARGENTINA SA ADR	SPONSORED ADS	058934100	3	475	SH	SOLE	1	475	0	0
BBX CAPITAL CORP	COM	05491N104	192	40,255	SH	SOLE	1	40,255	0	0
BCB BANCORP INC	COM	055298103	120	8,734	SH	SOLE	1	8,734	0	0
BCE INC	COM	05534B950	1,103	23,808	SH	SOLE	1	23,808	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,360	42,536	SH	SOLE	1	42,536	0	0
BEAZER HOMES USA INC	COM	07556Q881	254	18,001	SH	SOLE	1	18,001	0	0
BECTON DICKINSON AND CO	COM	075887109	23,613	86,822	SH	SOLE	1	86,822	0	0
BED BATH & BEYOND INC	COM	075896100	5,512	318,634	SH	SOLE	1	318,634	0	0
BEIGENE LTD ADR	ADR	07725L102	669	4,035	SH	SOLE	1	4,035	0	0
BEL FUSE INC CL B	COM	077347300	147	7,152	SH	SOLE	1	7,152	0	0
BELDEN INC	COM	077454106	5,412	98,406	SH	SOLE	1	98,406	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	530	24,908	SH	SOLE	1	24,908	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	918	26,726	SH	SOLE	1	26,726	0	0
BENEFITFOCUS INC	COM	08180D106	407	18,555	SH	SOLE	1	18,555	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	142,225	627,923	SH	SOLE	1	627,923	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,063	32,341	SH	SOLE	1	32,341	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	117	2,460	SH	SOLE	1	2,460	0	0
BERRY PETROLEUM CORP	COM	08579X101	370	39,238	SH	SOLE	1	39,238	0	0
BEST BUY CO INC	COM	086516101	362,872	4,132,941	SH	SOLE	1	4,132,941	0	0
BEYOND MEAT INC	COM	08862E109	16	206	SH	SOLE	1	206	0	0
BEYONDSRING INC	COM	G10830100	125	8,044	SH	SOLE	1	8,044	0	0

BG STAFFING INC	COM	05544A109	136	6,217 SH	SOLE	1	6,217	0	0
BGC PARTNERS INC CL A	CL A	05541T101	27	4,489 SH	SOLE	1	4,489	0	0
BIG LOTS INC	COM	089302103	808	28,123 SH	SOLE	1	28,123	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	68	591 SH	SOLE	1	591	0	0
BIO RAD LABORATORIES A	COM	090572207	18,185	49,145 SH	SOLE	1	49,145	0	0
BIO TECHNE CORP	COM	09073M104	16,208	73,835 SH	SOLE	1	73,835	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	320	92,742 SH	SOLE	1	92,742	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	331	52,301 SH	SOLE	1	52,301	0	0
BIOGEN INC	COM	09062X103	24,070	81,119 SH	SOLE	1	81,119	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,333	24,491 SH	SOLE	1	24,491	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	74	4,546 SH	SOLE	1	4,546	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,338	15,822 SH	SOLE	1	15,822	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	59	9,936 SH	SOLE	1	9,936	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	219	3,841 SH	SOLE	1	3,841	0	0
BIOTELEMETRY INC	COM	090672106	1,113	24,039 SH	SOLE	1	24,039	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	63	4,346 SH	SOLE	1	4,346	0	0
BJ S RESTAURANTS INC	COM	09180C106	524	13,815 SH	SOLE	1	13,815	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	6,907	303,731 SH	SOLE	1	303,731	0	0
BLACK HILLS CORP	COM	092113109	12,243	155,888 SH	SOLE	1	155,888	0	0
BLACK KNIGHT INC	COM	09215C105	217	3,369 SH	SOLE	1	3,369	0	0
BLACKBAUD INC	COM	09227Q100	9,930	124,754 SH	SOLE	1	124,754	0	0
BLACKLINE INC	COM	09239B109	1,396	27,075 SH	SOLE	1	27,075	0	0
BLACKROCK INC	COM	09247X101	24,976	49,684 SH	SOLE	1	49,684	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,942	79,051 SH	SOLE	1	79,051	0	0
BLOOM ENERGY CORP A	COM	093712107	258	34,518 SH	SOLE	1	34,518	0	0
BLOOMIN BRANDS INC	COM	094235108	1,387	62,827 SH	SOLE	1	62,827	0	0
BLUCORA INC	COM	095229100	919	35,151 SH	SOLE	1	35,151	0	0
BLUE BIRD CORP	COM	095306106	217	9,480 SH	SOLE	1	9,480	0	0
BLUEBIRD BIO INC	COM	09609G100	76	863 SH	SOLE	1	863	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	46	4,484 SH	SOLE	1	4,484	0	0
BLUELINX HOLDINGS INC	COM	09624H208	80	5,599 SH	SOLE	1	5,599	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,450	30,579 SH	SOLE	1	30,579	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	170	14,130 SH	SOLE	1	14,130	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	1,197	41,713 SH	SOLE	1	41,713	0	0
BOEING CO/THE	COM	097023105	57,770	177,338 SH	SOLE	1	177,338	0	0
BOINGO WIRELESS INC	COM	09739C102	298	27,214 SH	SOLE	1	27,214	0	0
BOISE CASCADE CO	COM	09739D100	1,025	28,059 SH	SOLE	1	28,059	0	0

BOK FINANCIAL CORPORATION	COM	05561Q201	44	507	SH	SOLE	1	507	0	0
BONANZA CREEK ENERGY INC	COM	097793400	318	13,629	SH	SOLE	1	13,629	0	0
BOOKING HOLDINGS INC	COM	09857L108	40,512	19,726	SH	SOLE	1	19,726	0	0
BOOT BARN HOLDINGS INC	COM	099406100	902	20,262	SH	SOLE	1	20,262	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	227	3,197	SH	SOLE	1	3,197	0	0
BORGWARNER INC	COM	099724106	3,016	69,523	SH	SOLE	1	69,523	0	0
BOSTON BEER COMPANY INC A	COM	100557107	8,643	22,875	SH	SOLE	1	22,875	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	138	6,566	SH	SOLE	1	6,566	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	721	59,919	SH	SOLE	1	59,919	0	0
BOSTON PROPERTIES INC	COM	101121101	6,796	49,297	SH	SOLE	1	49,297	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	20,650	456,651	SH	SOLE	1	456,651	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,650	30,775	SH	SOLE	1	30,775	0	0
BOX INC CLASS A	COM	10316T104	1,506	89,739	SH	SOLE	1	89,739	0	0
BOYD GAMING CORP	COM	103304101	6,098	203,685	SH	SOLE	1	203,685	0	0
BRADY CORPORATION CL A	CL A	104674106	1,987	34,697	SH	SOLE	1	34,697	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	168	18,809	SH	SOLE	1	18,809	0	0
BRANDYWINE REALTY TRUST	COM	105368203	43	2,731	SH	SOLE	1	2,731	0	0
BRIDGE BANCORP INC	COM	108035106	342	10,210	SH	SOLE	1	10,210	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	496	14,148	SH	SOLE	1	14,148	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	235,895	6,730,244	SH	SOLE	2	6,730,244	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	193	13,999	SH	SOLE	1	13,999	0	0
BRIDGFORD FOODS CORP	COM	108763103	27	1,084	SH	SOLE	1	1,084	0	0
BRIGGS & STRATTON	COM	109043109	199	29,854	SH	SOLE	1	29,854	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	216	10,075	SH	SOLE	1	10,075	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	203	1,348	SH	SOLE	1	1,348	0	0
BRIGHTCOVE	COM	10921T101	212	24,341	SH	SOLE	1	24,341	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	8,274	210,908	SH	SOLE	1	210,908	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	421	41,168	SH	SOLE	1	41,168	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	330	19,539	SH	SOLE	1	19,539	0	0
BRINK S CO/THE	COM	109696104	11,519	127,024	SH	SOLE	1	127,024	0	0
BRINKER INTERNATIONAL INC	COM	109641100	3,988	94,942	SH	SOLE	1	94,942	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	418,089	6,513,304	SH	SOLE	1	6,513,304	0	0
BRISTOL MYERS SQUIBB CO	RIGHT 99/99/9999	110122157	90	29,832	SH	SOLE	1	29,832	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	12,421	574,803	SH	SOLE	1	574,803	0	0

BROADCOM INC	COM	11135F101	55,129	174,447 SH	SOLE	1	174,447	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,987	40,365 SH	SOLE	1	40,365	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	840	115,592 SH	SOLE	1	115,592	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	32	1,726 SH	SOLE	1	1,726	0	0
BROOKLINE BANCORP INC	COM	11373M107	934	56,757 SH	SOLE	1	56,757	0	0
BROOKS AUTOMATION INC	COM	114340102	2,156	51,379 SH	SOLE	1	51,379	0	0
BROWN & BROWN INC	COM	115236101	17,823	451,446 SH	SOLE	1	451,446	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	65	1,039 SH	SOLE	1	1,039	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,358	64,473 SH	SOLE	1	64,473	0	0
BRP GROUP INC A	COM CL A	05589G102	151	9,427 SH	SOLE	1	9,427	0	0
BRT APARTMENTS CORP	COM	055645303	105	6,171 SH	SOLE	1	6,171	0	0
BRUKER CORP	COM	116794108	122	2,391 SH	SOLE	1	2,391	0	0
BRUNSWICK CORP	COM	117043109	9,446	157,488 SH	SOLE	1	157,488	0	0
BRYN MAWR BANK CORP	COM	117665109	514	12,457 SH	SOLE	1	12,457	0	0
BUCKLE INC/THE	COM	118440106	563	20,829 SH	SOLE	1	20,829	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,814	71,385 SH	SOLE	1	71,385	0	0
BUNGE LTD	COM	G16962105	124	2,159 SH	SOLE	1	2,159	0	0
BURLINGTON STORES INC	COM	122017106	350	1,533 SH	SOLE	1	1,533	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	195	7,814 SH	SOLE	1	7,814	0	0
BWX TECHNOLOGIES INC	COM	05605H100	127	2,039 SH	SOLE	1	2,039	0	0
BYLINE BANCORP INC	COM	124411109	286	14,589 SH	SOLE	1	14,589	0	0
C & F FINANCIAL CORP	COM	12466Q104	113	2,036 SH	SOLE	1	2,036	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	14,399	184,128 SH	SOLE	1	184,128	0	0
CABALETTA BIO INC	COM	12674W109	57	4,081 SH	SOLE	1	4,081	0	0
CABLE ONE INC	COM	12685J105	14,474	9,724 SH	SOLE	1	9,724	0	0
CABOT CORP	COM	127055101	5,226	109,975 SH	SOLE	1	109,975	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	10,661	73,874 SH	SOLE	1	73,874	0	0
CABOT OIL & GAS CORP	COM	127097103	2,879	165,389 SH	SOLE	1	165,389	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	12,080	48,322 SH	SOLE	1	48,322	0	0
CACTUS INC A	COM	127203107	1,012	29,486 SH	SOLE	1	29,486	0	0
CADENCE BANCORP	COM	12739A100	1,648	90,914 SH	SOLE	1	90,914	0	0
CADENCE DESIGN SYS INC	COM	127387108	8,178	117,910 SH	SOLE	1	117,910	0	0
CADIZ INC	COM	127537207	91	8,235 SH	SOLE	1	8,235	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	14,652	1,077,336 SH	SOLE	1	1,077,336	0	0
CAESARSTONE LTD	COM	M20598104	213	14,119 SH	SOLE	1	14,119	0	0
CAI INTERNATIONAL INC	COM	12477X106	298	10,284 SH	SOLE	1	10,284	0	0
CAL MAINE FOODS INC	COM	128030202	968	22,632 SH	SOLE	1	22,632	0	0

CALAMP CORP	COM	128126109	230	24,055	SH	SOLE	1	24,055	0	0
CALAVO GROWERS INC	COM	128246105	1,062	11,718	SH	SOLE	1	11,718	0	0
CALERES INC	COM	129500104	679	28,581	SH	SOLE	1	28,581	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	273	30,271	SH	SOLE	1	30,271	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,790	34,720	SH	SOLE	1	34,720	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	169	29,545	SH	SOLE	1	29,545	0	0
CALIX INC	COM	13100M509	234	29,258	SH	SOLE	1	29,258	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,432	67,557	SH	SOLE	1	67,557	0	0
CALLON PETROLEUM CO	COM	13123X102	1,343	278,124	SH	SOLE	1	278,124	0	0
CALYXT INC	COM	13173L107	41	5,839	SH	SOLE	1	5,839	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	24	2,716	SH	SOLE	1	2,716	0	0
CAMBRIDGE BANCORP	COM	132152109	215	2,686	SH	SOLE	1	2,686	0	0
CAMDEN NATIONAL CORP	COM	133034108	433	9,402	SH	SOLE	1	9,402	0	0
CAMDEN PROPERTY TRUST	COM	133131102	19,969	188,205	SH	SOLE	1	188,205	0	0
CAMPBELL SOUP CO	COM	134429109	4,386	88,754	SH	SOLE	1	88,754	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	304	20,619	SH	SOLE	1	20,619	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,574	42,330	SH	SOLE	1	42,330	0	0
CANTEL MEDICAL CORP	COM	138098108	5,138	72,467	SH	SOLE	1	72,467	0	0
CAPITAL BANCORP INC/MD	COM	139737100	74	4,980	SH	SOLE	1	4,980	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	257	8,412	SH	SOLE	1	8,412	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	15,386	149,505	SH	SOLE	1	149,505	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,136	82,711	SH	SOLE	1	82,711	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	2,179	57,109	SH	SOLE	1	57,109	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	152	9,143	SH	SOLE	1	9,143	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	536	67,627	SH	SOLE	1	67,627	0	0
CARA THERAPEUTICS INC	COM	140755109	402	24,934	SH	SOLE	1	24,934	0	0
CARDINAL HEALTH INC	COM	14149Y108	290,813	5,749,561	SH	SOLE	1	5,749,561	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,215	24,998	SH	SOLE	1	24,998	0	0
CARDLYTICS INC	COM	14161W105	563	8,964	SH	SOLE	1	8,964	0	0
CARDTRONICS PLC A	COM	G1991C105	1,183	26,492	SH	SOLE	1	26,492	0	0
CARE.COM INC	COM	141633107	248	16,484	SH	SOLE	1	16,484	0	0
CAREDX INC	COM	14167L103	555	25,751	SH	SOLE	1	25,751	0	0
CARETRUST REIT INC	COM	14174T107	1,570	76,084	SH	SOLE	1	76,084	0	0
CARGURUS INC	COM	141788109	1,652	46,951	SH	SOLE	1	46,951	0	0
CARLISLE COS INC	COM	142339100	17,761	109,745	SH	SOLE	1	109,745	0	0
CARMAX INC	COM	143130102	5,401	61,604	SH	SOLE	1	61,604	0	0
CARNIVAL CORP	COM	143658300	6,950	136,729	SH	SOLE	1	136,729	0	0

CAROLINA FINANCIAL CORP	COM	143873107	567	13,107	SH	SOLE	1	13,107	0	0
CARPENTER TECHNOLOGY	COM	144285103	6,016	120,846	SH	SOLE	1	120,846	0	0
CARRIAGE SERVICES INC	COM	143905107	263	10,286	SH	SOLE	1	10,286	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	154	21,864	SH	SOLE	1	21,864	0	0
CARS.COM INC	COM	14575E105	513	42,010	SH	SOLE	1	42,010	0	0
CARTER BANK & TRUST	COM	146102108	336	14,181	SH	SOLE	1	14,181	0	0
CARTER S INC	COM	146229109	9,333	85,360	SH	SOLE	1	85,360	0	0
CARVANA CO	COM	146869102	96	1,045	SH	SOLE	1	1,045	0	0
CASA SYSTEMS INC	COM	14713L102	81	19,823	SH	SOLE	1	19,823	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,322	28,716	SH	SOLE	1	28,716	0	0
CASEY S GENERAL STORES INC	COM	147528103	11,297	71,057	SH	SOLE	1	71,057	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	98	31,576	SH	SOLE	1	31,576	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	509	8,819	SH	SOLE	1	8,819	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	82	2,372	SH	SOLE	1	2,372	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	85	63,828	SH	SOLE	1	63,828	0	0
CATALENT INC	COM	148806102	15,896	282,346	SH	SOLE	1	282,346	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	227	60,405	SH	SOLE	1	60,405	0	0
CATASYS INC	COM	149049504	74	4,514	SH	SOLE	1	4,514	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	352	30,704	SH	SOLE	1	30,704	0	0
CATERPILLAR INC	COM	149123101	370,718	2,510,280	SH	SOLE	1	2,510,280	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,343	192,980	SH	SOLE	1	192,980	0	0
CATO CORP CLASS A	COM	149205106	278	15,970	SH	SOLE	1	15,970	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,215	6,217	SH	SOLE	1	6,217	0	0
CBDMD INC	COM	12482W101	15	6,444	SH	SOLE	1	6,444	0	0
CBIZ INC	COM	124805102	866	32,131	SH	SOLE	1	32,131	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	129	122,796	SH	SOLE	1	122,796	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	5,051	42,095	SH	SOLE	1	42,095	0	0
CBRE GROUP INC A	COM	12504L109	7,197	117,420	SH	SOLE	1	117,420	0	0
CBTX INC	COM	12481V104	351	11,272	SH	SOLE	1	11,272	0	0
CDK GLOBAL INC	COM	12508E101	12,863	235,238	SH	SOLE	1	235,238	0	0
CDW CORP/DE	COM	12514G108	8,632	60,429	SH	SOLE	1	60,429	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	147	19,241	SH	SOLE	1	19,241	0	0
CEDAR REALTY TRUST INC	COM	150602209	183	61,941	SH	SOLE	1	61,941	0	0
CEL SCI CORP	COM	150837607	156	17,044	SH	SOLE	1	17,044	0	0
CELANESE CORP	COM	150870103	5,182	42,093	SH	SOLE	1	42,093	0	0
CELCUITY INC	COM	15102K100	39	3,684	SH	SOLE	1	3,684	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	123	7,577	SH	SOLE	1	7,577	0	0

CELSIUS HOLDINGS INC	COM	15118V207	87	18,024	SH	SOLE	1	18,024	0	0
CENTENE CORP	COM	15135B101	11,568	183,998	SH	SOLE	1	183,998	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	13	2,865	SH	SOLE	1	2,865	0	0
CENTERPOINT ENERGY INC	COM	15189T107	5,531	202,835	SH	SOLE	1	202,835	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,886	75,508	SH	SOLE	1	75,508	0	0
CENTOGENE NV	COM	N1976T109	12	1,173	SH	SOLE	1	1,173	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	252	55,531	SH	SOLE	1	55,531	0	0
CENTRAL GARDEN & PET CO	COM	153527106	233	7,498	SH	SOLE	1	7,498	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	885	30,160	SH	SOLE	1	30,160	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	597	20,195	SH	SOLE	1	20,195	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	153	7,051	SH	SOLE	1	7,051	0	0
CENTRIC BRANDS INC	COM	15644G104	23	10,461	SH	SOLE	1	10,461	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	272	36,219	SH	SOLE	1	36,219	0	0
CENTURY BANCORP INC CL A	CL A	156432106	160	1,776	SH	SOLE	1	1,776	0	0
CENTURY CASINOS INC	COM	156492100	135	17,066	SH	SOLE	1	17,066	0	0
CENTURY COMMUNITIES INC	COM	156504300	535	19,560	SH	SOLE	1	19,560	0	0
CENTURYLINK INC	COM	156700106	269,576	20,406,991	SH	SOLE	1	20,406,991	0	0
CERECOR INC	COM	15671L109	75	13,860	SH	SOLE	1	13,860	0	0
CERENCE INC	COM	156727109	13	560	SH	SOLE	1	560	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	13,232	194,932	SH	SOLE	1	194,932	0	0
CERNER CORP	COM	156782104	10,647	145,072	SH	SOLE	1	145,072	0	0
CERUS CORP	COM	157085101	371	87,928	SH	SOLE	1	87,928	0	0
CEVA INC	COM	157210105	423	15,707	SH	SOLE	1	15,707	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,634	76,122	SH	SOLE	1	76,122	0	0
CHANGE HEALTHCARE INC	COM	15912K100	16	953	SH	SOLE	1	953	0	0
CHANNELADVISOR CORP	COM	159179100	151	16,718	SH	SOLE	1	16,718	0	0
CHAPARRAL ENERGY INC CLASS A	COM	15942R208	34	19,452	SH	SOLE	1	19,452	0	0
CHARAH SOLUTIONS INC	COM	15957P105	14	5,829	SH	SOLE	1	5,829	0	0
CHARLES RIVER LABORATORIES	COM	159864107	14,454	94,619	SH	SOLE	1	94,619	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,754	25,989	SH	SOLE	1	25,989	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	32,012	65,994	SH	SOLE	1	65,994	0	0
CHASE CORP	COM	16150R104	543	4,583	SH	SOLE	1	4,583	0	0
CHATHAM LODGING TRUST	COM	16208T102	610	33,238	SH	SOLE	1	33,238	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,201	28,846	SH	SOLE	1	28,846	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	26	15,321	SH	SOLE	1	15,321	0	0

CHEESECAKE FACTORY INC/THE	COM	163072101	4,067	104,655	SH	SOLE	1	104,655	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	676	17,741	SH	SOLE	1	17,741	0	0
CHEGG INC	COM	163092109	2,811	74,157	SH	SOLE	1	74,157	0	0
CHEMED CORP	COM	16359R103	13,621	31,010	SH	SOLE	1	31,010	0	0
CHEMOCENTRYX INC	COM	16383L106	1,009	25,512	SH	SOLE	1	25,512	0	0
CHEMOURS CO/THE	COM	163851108	5,708	315,542	SH	SOLE	1	315,542	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	94	2,223	SH	SOLE	1	2,223	0	0
CHENIERE ENERGY INC	COM	16411R208	287	4,693	SH	SOLE	1	4,693	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	143	9,822	SH	SOLE	1	9,822	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	1,870	2,264,885	SH	SOLE	1	2,264,885	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	959	10,006	SH	SOLE	1	10,006	0	0
CHEVRON CORP	COM	166764100	392,921	3,260,483	SH	SOLE	1	3,260,483	0	0
CHIASMA INC	COM	16706W102	106	21,451	SH	SOLE	1	21,451	0	0
CHICO S FAS INC	COM	168615102	322	84,471	SH	SOLE	1	84,471	0	0
CHILDREN S PLACE INC/THE	COM	168905107	687	10,984	SH	SOLE	1	10,984	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	60	2,919	SH	SOLE	1	2,919	0	0
CHIMERIX INC	COM	16934W106	61	30,018	SH	SOLE	1	30,018	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	8,425	10,064	SH	SOLE	1	10,064	0	0
CHOICE HOTELS INTL INC	COM	169905106	6,356	61,448	SH	SOLE	1	61,448	0	0
CHROMADEX CORP	COM	171077407	111	25,688	SH	SOLE	1	25,688	0	0
CHUBB LTD	COM	H1467J104	28,054	180,224	SH	SOLE	1	180,224	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,052	86,036	SH	SOLE	1	86,036	0	0
CHURCHILL DOWNS INC	COM	171484108	12,330	89,871	SH	SOLE	1	89,871	0	0
CHUY S HOLDINGS INC	COM	171604101	310	11,979	SH	SOLE	1	11,979	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	39	2,591	SH	SOLE	1	2,591	0	0
CIENA CORP	COM	171779309	12,745	298,555	SH	SOLE	1	298,555	0	0
CIGNA CORP	COM	125523100	24,513	119,876	SH	SOLE	1	119,876	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	12	841	SH	SOLE	1	841	0	0
CIMAREX ENERGY CO	COM	171798101	1,830	34,867	SH	SOLE	1	34,867	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,569	12,473	SH	SOLE	1	12,473	0	0
CINCINNATI BELL INC	COM	171871502	376	35,893	SH	SOLE	1	35,893	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,462	51,945	SH	SOLE	1	51,945	0	0
CINEMARK HOLDINGS INC	COM	17243V102	7,596	224,396	SH	SOLE	1	224,396	0	0
CINTAS CORP	COM	172908105	10,184	37,849	SH	SOLE	1	37,849	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	654	14,133	SH	SOLE	1	14,133	0	0
CIRRUS LOGIC INC	COM	172755100	12,125	147,132	SH	SOLE	1	147,132	0	0
CISCO SYSTEMS INC	COM	17275R102	396,653	8,270,497	SH	SOLE	1	8,270,497	0	0
CISION LTD	COM	G1992S109	572	57,340	SH	SOLE	1	57,340	0	0

CIT GROUP INC	COM	125581801	71	1,547 SH	SOLE	1	1,547	0	0
CITI TRENDS INC	COM	17306X102	161	6,980 SH	SOLE	1	6,980	0	0
CITIGROUP INC	COM	172967424	55,990	700,844 SH	SOLE	1	700,844	0	0
CITIZENS & NORTHERN CORP	COM	172922106	212	7,511 SH	SOLE	1	7,511	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	8,282	203,948 SH	SOLE	1	203,948	0	0
CITIZENS INC	COM	174740100	209	30,977 SH	SOLE	1	30,977	0	0
CITRIX SYSTEMS INC	COM	177376100	5,994	54,051 SH	SOLE	1	54,051	0	0
CITY HOLDING CO	COM	177835105	944	11,524 SH	SOLE	1	11,524	0	0
CITY OFFICE REIT INC	COM	178587101	452	33,410 SH	SOLE	1	33,410	0	0
CIVISTA BANCSHARES INC	COM	178867107	231	9,605 SH	SOLE	1	9,605	0	0
CLARUS CORP	COM	18270P109	199	14,674 SH	SOLE	1	14,674	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	197	84,127 SH	SOLE	1	84,127	0	0
CLEAN HARBORS INC	COM	184496107	8,497	99,094 SH	SOLE	1	99,094	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	88	30,598 SH	SOLE	1	30,598	0	0
CLEARFIELD INC	COM	18482P103	98	7,013 SH	SOLE	1	7,013	0	0
CLEARWATER PAPER CORP	COM	18538R103	248	11,593 SH	SOLE	1	11,593	0	0
CLEARWAY ENERGY INC A	COM	18539C105	417	21,829 SH	SOLE	1	21,829	0	0
CLEARWAY ENERGY INC C	COM	18539C204	921	46,185 SH	SOLE	1	46,185	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,631	194,221 SH	SOLE	1	194,221	0	0
CLIPPER REALTY INC	COM	18885T306	249	23,489 SH	SOLE	1	23,489	0	0
CLOROX COMPANY	COM	189054109	19,549	127,324 SH	SOLE	1	127,324	0	0
CLOUDERA INC	COM	18914U100	1,754	150,781 SH	SOLE	1	150,781	0	0
CLOVIS ONCOLOGY INC	COM	189464100	329	31,528 SH	SOLE	1	31,528	0	0
CME GROUP INC	COM	12572Q105	28,870	143,833 SH	SOLE	1	143,833	0	0
CMS ENERGY CORP	COM	125896100	7,918	125,995 SH	SOLE	1	125,995	0	0
CNA FINANCIAL CORP	COM	126117100	20	442 SH	SOLE	1	442	0	0
CNB FINANCIAL CORP/PA	COM	126128107	297	9,092 SH	SOLE	1	9,092	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,963	384,062 SH	SOLE	1	384,062	0	0
CNX RESOURCES CORP	COM	12653C108	4,194	473,933 SH	SOLE	1	473,933	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	80	4,860 SH	SOLE	1	4,860	0	0
COCA COLA CO/THE	COM	191216100	69,521	1,256,022 SH	SOLE	1	1,256,022	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	962	3,388 SH	SOLE	1	3,388	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,674	32,897 SH	SOLE	1	32,897	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	24	2,901 SH	SOLE	1	2,901	0	0
CODEXIS INC	COM	192005106	529	33,105 SH	SOLE	1	33,105	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	136	5,904 SH	SOLE	1	5,904	0	0
COEUR MINING INC	COM	192108504	1,205	149,178 SH	SOLE	1	149,178	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,012	30,567 SH	SOLE	1	30,567	0	0

COGNEX CORP	COM	192422103	18,548	330,983 SH	SOLE	1	330,983	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	13,100	211,230 SH	SOLE	1	211,230	0	0
COHEN & STEERS INC	COM	19247A100	895	14,265 SH	SOLE	1	14,265	0	0
COHERENT INC	COM	192479103	7,753	46,609 SH	SOLE	1	46,609	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	706	39,184 SH	SOLE	1	39,184	0	0
COHU INC	COM	192576106	666	29,166 SH	SOLE	1	29,166	0	0
COLFAX CORP	COM	194014106	5,875	161,499 SH	SOLE	1	161,499	0	0
COLGATE PALMOLIVE CO	COM	194162103	23,580	342,539 SH	SOLE	1	342,539	0	0
COLLECTORS UNIVERSE	COM	19421R200	130	5,622 SH	SOLE	1	5,622	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	414	20,125 SH	SOLE	1	20,125	0	0
COLONY BANKCORP	COM	19623P101	77	4,651 SH	SOLE	1	4,651	0	0
COLONY CAPITAL INC	COM	19626G108	37	7,694 SH	SOLE	1	7,694	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	667	50,665 SH	SOLE	1	50,665	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,118	52,063 SH	SOLE	1	52,063	0	0
COLUMBIA FINANCIAL INC	COM	197641103	553	32,644 SH	SOLE	1	32,644	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	189	9,019 SH	SOLE	1	9,019	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	5,631	56,203 SH	SOLE	1	56,203	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	578	14,430 SH	SOLE	1	14,430	0	0
COMCAST CORP CLASS A	COM	20030N101	90,457	2,011,494 SH	SOLE	1	2,011,494	0	0
COMERICA INC	COM	200340107	4,843	67,494 SH	SOLE	1	67,494	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,311	26,295 SH	SOLE	1	26,295	0	0
COMMERCE BANCSHARES INC	COM	200525103	13,599	200,166 SH	SOLE	1	200,166	0	0
COMMERCIAL METALS CO	COM	201723103	6,703	300,975 SH	SOLE	1	300,975	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	121	19,019 SH	SOLE	1	19,019	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	42	2,993 SH	SOLE	1	2,993	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,611	36,801 SH	SOLE	1	36,801	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	120	13,529 SH	SOLE	1	13,529	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	109	3,065 SH	SOLE	1	3,065	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	189	65,245 SH	SOLE	1	65,245	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	593	13,833 SH	SOLE	1	13,833	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	452	9,686 SH	SOLE	1	9,686	0	0
COMMVAULT SYSTEMS INC	COM	204166102	4,738	106,149 SH	SOLE	1	106,149	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	5,257	86,229 SH	SOLE	1	86,229	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	242	9,151 SH	SOLE	1	9,151	0	0

COMPX INTERNATIONAL INC	COM	20563P101	15	1,034 SH	SOLE	1	1,034	0	0
COMSCORE INC	COM	20564W105	151	30,660 SH	SOLE	1	30,660	0	0
COMSTOCK RESOURCES INC	COM	205768302	80	9,700 SH	SOLE	1	9,700	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	610	17,195 SH	SOLE	1	17,195	0	0
CONAGRA BRANDS INC	COM	205887102	5,608	163,792 SH	SOLE	1	163,792	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	124	13,490 SH	SOLE	1	13,490	0	0
CONCHO RESOURCES INC	COM	20605P101	6,926	79,092 SH	SOLE	1	79,092	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	55	10,069 SH	SOLE	1	10,069	0	0
CONDUENT INC	COM	206787103	672	108,381 SH	SOLE	1	108,381	0	0
CONFORMIS INC	COM	20717E101	61	40,478 SH	SOLE	1	40,478	0	0
CONMED CORP	COM	207410101	2,212	19,780 SH	SOLE	1	19,780	0	0
CONN S INC	COM	208242107	163	13,130 SH	SOLE	1	13,130	0	0
CONNECTONE BANCORP INC	COM	20786W107	534	20,744 SH	SOLE	1	20,744	0	0
CONOCOPHILLIPS	COM	20825C104	27,377	420,985 SH	SOLE	1	420,985	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	185	3,063 SH	SOLE	1	3,063	0	0
CONSOL ENERGY INC	COM	20854L108	270	18,639 SH	SOLE	1	18,639	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	198	51,052 SH	SOLE	1	51,052	0	0
CONSOLIDATED EDISON INC	COM	209115104	16,238	179,488 SH	SOLE	1	179,488	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	147	9,033 SH	SOLE	1	9,033	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,203	53,770 SH	SOLE	1	53,770	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	456	9,679 SH	SOLE	1	9,679	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	186	11,020 SH	SOLE	1	11,020	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	42	9,961 SH	SOLE	1	9,961	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	794	21,794 SH	SOLE	1	21,794	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	47	1,362 SH	SOLE	1	1,362	0	0
CONTURA ENERGY INC	COM	21241B100	103	11,352 SH	SOLE	1	11,352	0	0
COOPER COS INC/THE	COM	216648402	5,814	18,095 SH	SOLE	1	18,095	0	0
COOPER STANDARD HOLDING	COM	21676P103	402	12,114 SH	SOLE	1	12,114	0	0
COOPER TIRE & RUBBER	COM	216831107	1,044	36,298 SH	SOLE	1	36,298	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	53	492 SH	SOLE	1	492	0	0
COPART INC	COM	217204106	7,970	87,642 SH	SOLE	1	87,642	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	203	37,171 SH	SOLE	1	37,171	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	845	69,809 SH	SOLE	1	69,809	0	0
CORE LABORATORIES N.V.	COM	N22717107	3,200	84,945 SH	SOLE	1	84,945	0	0

CORE MARK HOLDING CO INC	COM	218681104	890	32,737	SH	SOLE	1	32,737	0	0
CORECIVIC INC	COM	21871N101	5,259	302,599	SH	SOLE	1	302,599	0	0
CORELOGIC INC	COM	21871D103	6,710	153,515	SH	SOLE	1	153,515	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	360	8,058	SH	SOLE	1	8,058	0	0
COREPOINT LODGING INC	COM	21872L104	267	25,045	SH	SOLE	1	25,045	0	0
CORESITE REALTY CORP	COM	21870Q105	8,323	74,237	SH	SOLE	1	74,237	0	0
CORMEDIX INC	COM	21900C308	116	15,903	SH	SOLE	1	15,903	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	245	28,796	SH	SOLE	1	28,796	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	2,089	35,679	SH	SOLE	1	35,679	0	0
CORNING INC	COM	219350105	8,025	275,663	SH	SOLE	1	275,663	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,354	216,263	SH	SOLE	1	216,263	0	0
CORTEVA INC	COM	22052L104	7,450	252,024	SH	SOLE	1	252,024	0	0
CORTEXIME INC	COM	22053A107	400	7,126	SH	SOLE	1	7,126	0	0
CORVEL CORP	COM	221006109	559	6,395	SH	SOLE	1	6,395	0	0
COSTAMARE INC	COM	Y1771G102	308	32,346	SH	SOLE	1	32,346	0	0
COSTAR GROUP INC	COM	22160N109	1,924	3,216	SH	SOLE	1	3,216	0	0
COSTCO WHOLESALE CORP	COM	22160K105	50,948	173,341	SH	SOLE	1	173,341	0	0
COTY INC CL A	CL A	222070203	1,361	120,956	SH	SOLE	1	120,956	0	0
COUPA SOFTWARE INC	COM	22266L106	210	1,434	SH	SOLE	1	1,434	0	0
COUSINS PROPERTIES INC	COM	222795502	11,669	283,222	SH	SOLE	1	283,222	0	0
COVANTA HOLDING CORP	COM	22282E102	1,097	73,902	SH	SOLE	1	73,902	0	0
COVENANT TRANSPORT GRP CL A	CL A	22284P105	102	7,898	SH	SOLE	1	7,898	0	0
COVETRUS INC	COM	22304C100	143	10,868	SH	SOLE	1	10,868	0	0
COVIA HOLDINGS CORP	COM	22305A103	53	26,049	SH	SOLE	1	26,049	0	0
COWEN INC A	COM	223622606	278	17,672	SH	SOLE	1	17,672	0	0
CRA INTERNATIONAL INC	COM	12618T105	257	4,721	SH	SOLE	1	4,721	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,395	61,111	SH	SOLE	1	61,111	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	120	7,263	SH	SOLE	1	7,263	0	0
CRANE CO	COM	224399105	8,498	98,379	SH	SOLE	1	98,379	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	117	10,195	SH	SOLE	1	10,195	0	0
CREDICORP LTD	COM	G2519Y108	206	966	SH	SOLE	1	966	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	105	237	SH	SOLE	1	237	0	0
CREE INC	COM	225447101	9,594	207,895	SH	SOLE	1	207,895	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	173	6,914	SH	SOLE	1	6,914	0	0
CROCS INC	COM	227046109	2,086	49,791	SH	SOLE	1	49,791	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	301	25,911	SH	SOLE	1	25,911	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	61	4,229	SH	SOLE	1	4,229	0	0

CROWN CASTLE INTL CORP	COM	22822V101	22,627	159,175	SH	SOLE	1	159,175	0	0
CROWN HOLDINGS INC	COM	228368106	190	2,624	SH	SOLE	1	2,624	0	0
CRYOLIFE INC	COM	228903100	716	26,424	SH	SOLE	1	26,424	0	0
CRYOPORT INC	COM	229050307	325	19,735	SH	SOLE	1	19,735	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,230	23,757	SH	SOLE	1	23,757	0	0
CSW INDUSTRIALS INC	COM	126402106	717	9,309	SH	SOLE	1	9,309	0	0
CSX CORP	COM	126408103	24,741	341,915	SH	SOLE	1	341,915	0	0
CTS CORP	COM	126501105	705	23,477	SH	SOLE	1	23,477	0	0
CUBESMART	COM	229663109	246	7,830	SH	SOLE	1	7,830	0	0
CUBIC CORP	COM	229669106	1,435	22,579	SH	SOLE	1	22,579	0	0
CUE BIOPHARMA INC	COM	22978P106	198	12,500	SH	SOLE	1	12,500	0	0
CULLEN/FROST BANKERS INC	COM	229899109	10,743	109,871	SH	SOLE	1	109,871	0	0
CULP INC	COM	230215105	94	6,903	SH	SOLE	1	6,903	0	0
CUMMINS INC	COM	231021106	309,252	1,728,050	SH	SOLE	1	1,728,050	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	158	9,009	SH	SOLE	1	9,009	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	119	9,733	SH	SOLE	1	9,733	0	0
CURTISS WRIGHT CORP	COM	231561101	11,607	82,384	SH	SOLE	1	82,384	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,442	70,563	SH	SOLE	1	70,563	0	0
CUSTOMERS BANCORP INC	COM	23204G100	489	20,521	SH	SOLE	1	20,521	0	0
CUTERA INC	COM	232109108	363	10,144	SH	SOLE	1	10,144	0	0
CVB FINANCIAL CORP	COM	126600105	2,080	96,384	SH	SOLE	1	96,384	0	0
CVR ENERGY INC	COM	12662P108	749	18,529	SH	SOLE	1	18,529	0	0
CVS HEALTH CORP	COM	126650100	47,168	634,914	SH	SOLE	1	634,914	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	492	4,222	SH	SOLE	1	4,222	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	40	14,786	SH	SOLE	1	14,786	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	85	43,133	SH	SOLE	1	43,133	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	16,628	712,744	SH	SOLE	1	712,744	0	0
CYRUSONE INC	COM	23283R100	14,448	220,816	SH	SOLE	1	220,816	0	0
CYTOKINETICS INC	COM	23282W605	430	40,524	SH	SOLE	1	40,524	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	234	28,195	SH	SOLE	1	28,195	0	0
CYTOSORBENTS CORP	COM	23283X206	74	19,171	SH	SOLE	1	19,171	0	0
DAILY JOURNAL CORP	COM	233912104	206	710	SH	SOLE	1	710	0	0
DAKTRONICS INC	COM	234264109	162	26,537	SH	SOLE	1	26,537	0	0
DANA INC	COM	235825205	6,661	365,984	SH	SOLE	1	365,984	0	0
DANAHER CORP	COM	235851102	37,525	244,494	SH	SOLE	1	244,494	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,245	48,114	SH	SOLE	1	48,114	0	0
DARLING INGREDIENTS INC	COM	237266101	3,329	118,545	SH	SOLE	1	118,545	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	44	4,928	SH	SOLE	1	4,928	0	0
DASEKE INC	COM	23753F107	90	28,632	SH	SOLE	1	28,632	0	0

DAVE & BUSTER S ENTERTAINMEN	COM	238337109	895	22,282	SH	SOLE	1	22,282	0	0
DAVITA INC	COM	23918K108	2,304	30,710	SH	SOLE	1	30,710	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	769	12,361	SH	SOLE	1	12,361	0	0
DECKERS OUTDOOR CORP	COM	243537107	12,014	71,149	SH	SOLE	1	71,149	0	0
DEERE & CO	COM	244199105	20,600	118,897	SH	SOLE	1	118,897	0	0
DEL TACO RESTAURANTS INC	COM	245496104	143	18,073	SH	SOLE	1	18,073	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,554	46,347	SH	SOLE	1	46,347	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	2,114	164,763	SH	SOLE	1	164,763	0	0
DELTA AIR LINES INC	COM	247361702	16,387	280,208	SH	SOLE	1	280,208	0	0
DELTA APPAREL INC	COM	247368103	120	3,869	SH	SOLE	1	3,869	0	0
DELUXE CORP	COM	248019101	5,342	107,020	SH	SOLE	1	107,020	0	0
DENALI THERAPEUTICS INC	COM	24823R105	523	30,025	SH	SOLE	1	30,025	0	0
DENBURY RESOURCES INC	COM	247916208	492	348,938	SH	SOLE	1	348,938	0	0
DENNY S CORP	COM	24869P104	721	36,276	SH	SOLE	1	36,276	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,709	83,221	SH	SOLE	1	83,221	0	0
DERMIRA INC	COM	24983L104	449	29,596	SH	SOLE	1	29,596	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	696	44,240	SH	SOLE	1	44,240	0	0
DEVON ENERGY CORP	COM	25179M103	4,373	168,379	SH	SOLE	1	168,379	0	0
DEXCOM INC	COM	252131107	465	2,124	SH	SOLE	1	2,124	0	0
DHI GROUP INC	COM	23331S100	94	31,362	SH	SOLE	1	31,362	0	0
DHT HOLDINGS INC	COM	Y2065G121	474	57,291	SH	SOLE	1	57,291	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	276	1,967	SH	SOLE	1	1,967	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	337	46,847	SH	SOLE	1	46,847	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	233	13,937	SH	SOLE	1	13,937	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	6,113	65,832	SH	SOLE	1	65,832	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,758	158,690	SH	SOLE	1	158,690	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	714	32,420	SH	SOLE	1	32,420	0	0
DICK S SPORTING GOODS INC	COM	253393102	6,076	122,764	SH	SOLE	1	122,764	0	0
DIEBOLD NIXDORF INC	COM	253651103	586	55,453	SH	SOLE	1	55,453	0	0
DIGI INTERNATIONAL INC	COM	253798102	356	20,097	SH	SOLE	1	20,097	0	0
DIGIMARC CORP	COM	25381B101	246	7,340	SH	SOLE	1	7,340	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,286	77,552	SH	SOLE	1	77,552	0	0
DIGITAL TURBINE INC	COM	25400W102	350	49,136	SH	SOLE	1	49,136	0	0
DILLARDS INC CL A	CL A	254067101	1,846	25,124	SH	SOLE	1	25,124	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	477	22,812	SH	SOLE	1	22,812	0	0
DINE BRANDS GLOBAL INC	COM	254423106	970	11,613	SH	SOLE	1	11,613	0	0

DIODES INC	COM	254543101	1,673	29,676	SH	SOLE	1	29,676	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	169	42,129	SH	SOLE	1	42,129	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	10,568	124,590	SH	SOLE	1	124,590	0	0
DISCOVERY INC A	COM	25470F104	3,137	95,815	SH	SOLE	1	95,815	0	0
DISCOVERY INC C	COM	25470F302	3,450	113,150	SH	SOLE	1	113,150	0	0
DISH NETWORK CORP A	COM	25470M109	3,363	94,799	SH	SOLE	1	94,799	0	0
DMC GLOBAL INC	COM	23291C103	460	10,245	SH	SOLE	1	10,245	0	0
DOCUSIGN INC	COM	256163106	265	3,582	SH	SOLE	1	3,582	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	72	1,049	SH	SOLE	1	1,049	0	0
DOLLAR GENERAL CORP	COM	256677105	14,122	90,540	SH	SOLE	1	90,540	0	0
DOLLAR TREE INC	COM	256746108	10,464	111,257	SH	SOLE	1	111,257	0	0
DOMINION ENERGY INC	COM	25746U109	21,883	264,227	SH	SOLE	1	264,227	0	0
DOMINO S PIZZA INC	COM	25754A201	23,283	79,254	SH	SOLE	1	79,254	0	0
DOMO INC CLASS B	COM	257554105	238	10,961	SH	SOLE	1	10,961	0	0
DOMTAR CORP	COM	257559203	4,230	110,617	SH	SOLE	1	110,617	0	0
DONALDSON CO INC	COM	257651109	14,132	245,263	SH	SOLE	1	245,263	0	0
DONEGAL GROUP INC CL A	CL A	257701201	96	6,467	SH	SOLE	1	6,467	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	236	22,516	SH	SOLE	1	22,516	0	0
DORIAN LPG LTD	COM	Y2106R110	267	17,224	SH	SOLE	1	17,224	0	0
DORMAN PRODUCTS INC	COM	258278100	1,490	19,675	SH	SOLE	1	19,675	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	772	14,030	SH	SOLE	1	14,030	0	0
DOUGLAS EMMETT INC	COM	25960P109	14,115	321,531	SH	SOLE	1	321,531	0	0
DOVER CORP	COM	260003108	5,804	50,359	SH	SOLE	1	50,359	0	0
DOW INC	COM	260557103	327,416	5,982,384	SH	SOLE	1	5,982,384	0	0
DR HORTON INC	COM	23331A109	6,158	116,738	SH	SOLE	1	116,738	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	25	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	1,226	26,132	SH	SOLE	1	26,132	0	0
DRIVE SHACK INC	COM	262077100	139	37,845	SH	SOLE	1	37,845	0	0
DROPBOX INC CLASS A	COM	26210C104	89	4,960	SH	SOLE	1	4,960	0	0
DSP GROUP INC	COM	23332B106	252	16,020	SH	SOLE	1	16,020	0	0
DTE ENERGY COMPANY	COM	233331107	8,381	64,535	SH	SOLE	1	64,535	0	0
DUCOMMUN INC	COM	264147109	340	6,721	SH	SOLE	1	6,721	0	0
DUKE ENERGY CORP	COM	26441C204	21,346	234,033	SH	SOLE	1	234,033	0	0
DUKE REALTY CORP	COM	264411505	4,518	130,317	SH	SOLE	1	130,317	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	71	6,724	SH	SOLE	1	6,724	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,122	160,475	SH	SOLE	1	160,475	0	0
DUPONT DE NEMOURS INC	COM	26614N102	15,646	243,708	SH	SOLE	1	243,708	0	0
DXC TECHNOLOGY CO	COM	23355L106	5,383	143,204	SH	SOLE	1	143,204	0	0
DXP ENTERPRISES INC	COM	233377407	467	11,719	SH	SOLE	1	11,719	0	0
DYCOM INDUSTRIES INC	COM	267475101	3,743	79,386	SH	SOLE	1	79,386	0	0

DYNATRACE INC	COM	268150109	20	800 SH	SOLE	1	800	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	299	52,186 SH	SOLE	1	52,186	0	0
DYNEX CAPITAL INC	COM	26817Q886	237	14,009 SH	SOLE	1	14,009	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,046	89,177 SH	SOLE	1	89,177	0	0
EAGLE BANCORP INC	COM	268948106	1,154	23,720 SH	SOLE	1	23,720	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	128	27,718 SH	SOLE	1	27,718	0	0
EAGLE MATERIALS INC	COM	26969P108	7,308	80,613 SH	SOLE	1	80,613	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	401	6,672 SH	SOLE	1	6,672	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	78	12,385 SH	SOLE	1	12,385	0	0
EAST WEST BANCORP INC	COM	27579R104	16,260	333,887 SH	SOLE	1	333,887	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,426	60,103 SH	SOLE	1	60,103	0	0
EASTERN CO/THE	COM	276317104	103	3,384 SH	SOLE	1	3,384	0	0
EASTGROUP PROPERTIES INC	COM	277276101	12,908	97,292 SH	SOLE	1	97,292	0	0
EASTMAN CHEMICAL CO	COM	277432100	5,377	67,841 SH	SOLE	1	67,841	0	0
EATON CORP PLC	COM	G29183103	32,138	339,300 SH	SOLE	1	339,300	0	0
EATON VANCE CORP	COM	278265103	10,194	218,336 SH	SOLE	1	218,336	0	0
EBAY INC	COM	278642103	14,433	399,694 SH	SOLE	1	399,694	0	0
EBIX INC	COM	278715206	558	16,702 SH	SOLE	1	16,702	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	402	19,403 SH	SOLE	1	19,403	0	0
ECHOSTAR CORP A	COM	278768106	32	743 SH	SOLE	1	743	0	0
ECOLAB INC	COM	278865100	19,001	98,456 SH	SOLE	1	98,456	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	4,261	137,621 SH	SOLE	1	137,621	0	0
EDISON INTERNATIONAL	COM	281020107	9,096	120,616 SH	SOLE	1	120,616	0	0
EDITAS MEDICINE INC	COM	28106W103	959	32,389 SH	SOLE	1	32,389	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,165	69,292 SH	SOLE	1	69,292	0	0
EGAIN CORP	COM	28225C806	101	12,762 SH	SOLE	1	12,762	0	0
EHEALTH INC	COM	28238P109	1,559	16,221 SH	SOLE	1	16,221	0	0
EIDOS THERAPEUTICS I	COM	28249H104	11,478	200,000 SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	405	7,056 SH	SOLE	1	7,056	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	219	14,678 SH	SOLE	1	14,678	0	0
EL PASO ELECTRIC CO	COM	283677854	1,991	29,329 SH	SOLE	1	29,329	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	214	14,121 SH	SOLE	1	14,121	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	173	5,861 SH	SOLE	1	5,861	0	0
ELASTIC NV	COM	N14506104	67	1,038 SH	SOLE	1	1,038	0	0
ELDORADO RESORTS INC	COM	28470R102	9,919	166,310 SH	SOLE	1	166,310	0	0
ELECTROCORE INC	COM	28531P103	13	8,126 SH	SOLE	1	8,126	0	0
ELECTRONIC ARTS INC	COM	285512109	13,323	123,926 SH	SOLE	1	123,926	0	0

ELEMENT SOLUTIONS INC	COM	28618M106	49	4,215 SH	SOLE	1	4,215	0	0
ELEVATE CREDIT INC	COM	28621V101	63	14,060 SH	SOLE	1	14,060	0	0
ELF BEAUTY INC	COM	26856L103	265	16,431 SH	SOLE	1	16,431	0	0
ELI LILLY & CO	COM	532457108	36,332	276,437 SH	SOLE	1	276,437	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	352	19,177 SH	SOLE	1	19,177	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	116	15,754 SH	SOLE	1	15,754	0	0
EMCOR GROUP INC	COM	29084Q100	12,294	142,453 SH	SOLE	1	142,453	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	163	15,477 SH	SOLE	1	15,477	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,768	32,778 SH	SOLE	1	32,778	0	0
EMERSON ELECTRIC CO	COM	291011104	32,444	425,443 SH	SOLE	1	425,443	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	180	12,883 SH	SOLE	1	12,883	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	953	22,820 SH	SOLE	1	22,820	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	758	12,277 SH	SOLE	1	12,277	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	13,207	190,666 SH	SOLE	1	190,666	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	778	21,999 SH	SOLE	1	21,999	0	0
ENCORE WIRE CORP	COM	292562105	847	14,759 SH	SOLE	1	14,759	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	751	160,130 SH	SOLE	1	160,130	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	211	44,830 SH	SOLE	1	44,830	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	6,235	124,152 SH	SOLE	1	124,152	0	0
ENERGOUS CORP	COM	29272C103	32	18,092 SH	SOLE	1	18,092	0	0
ENERGY FUELS INC	COM	292671708	113	58,979 SH	SOLE	1	58,979	0	0
ENERGY RECOVERY INC	COM	29270J100	230	23,533 SH	SOLE	1	23,533	0	0
ENERSYS	COM	29275Y102	8,057	107,673 SH	SOLE	1	107,673	0	0
ENNIS INC	COM	293389102	346	15,964 SH	SOLE	1	15,964	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	43	8,624 SH	SOLE	1	8,624	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	574	23,873 SH	SOLE	1	23,873	0	0
ENPHASE ENERGY INC	COM	29355A107	1,503	57,514 SH	SOLE	1	57,514	0	0
ENPRO INDUSTRIES INC	COM	29355X107	995	14,875 SH	SOLE	1	14,875	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,656	36,491 SH	SOLE	1	36,491	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,489	7,200 SH	SOLE	1	7,200	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	127	4,222 SH	SOLE	1	4,222	0	0
ENTEGRIS INC	COM	29362U104	158	3,156 SH	SOLE	1	3,156	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	346	74,654 SH	SOLE	1	74,654	0	0
ENERGY CORP	COM	29364G103	8,031	67,037 SH	SOLE	1	67,037	0	0
ENTERPRISE BANCORP INC	COM	293668109	190	5,613 SH	SOLE	1	5,613	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	734	15,220 SH	SOLE	1	15,220	0	0

ENTRAVISION COMMUNICATIONS A	COM	29382R107	98	37,464 SH	SOLE	1	37,464	0	0
ENVESTNET INC	COM	29404K106	2,105	30,229 SH	SOLE	1	30,229	0	0
ENZO BIOCHEM INC	COM	294100102	73	27,633 SH	SOLE	1	27,633	0	0
EOG RESOURCES INC	COM	26875P101	19,084	227,840 SH	SOLE	1	227,840	0	0
EPAM SYSTEMS INC	COM	29414B104	258	1,216 SH	SOLE	1	1,216	0	0
EPIZYME INC	COM	29428V104	1,196	48,626 SH	SOLE	1	48,626	0	0
EPLUS INC	COM	294268107	814	9,655 SH	SOLE	1	9,655	0	0
EPR PROPERTIES	COM	26884U109	10,845	153,524 SH	SOLE	1	153,524	0	0
EQT CORP	COM	26884L109	5,378	493,349 SH	SOLE	1	493,349	0	0
EQUIFAX INC	COM	294429105	5,936	42,363 SH	SOLE	1	42,363	0	0
EQUINIX INC	COM	29444U700	18,296	31,345 SH	SOLE	1	31,345	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	5,257	393,471 SH	SOLE	1	393,471	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	287	9,309 SH	SOLE	1	9,309	0	0
EQUITY COMMONWEALTH	COM	294628102	62	1,887 SH	SOLE	1	1,887	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	432	6,136 SH	SOLE	1	6,136	0	0
EQUITY RESIDENTIAL	COM	29476L107	11,465	141,685 SH	SOLE	1	141,685	0	0
ERA GROUP INC	COM	26885G109	143	14,106 SH	SOLE	1	14,106	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	85	513 SH	SOLE	1	513	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	155	45,696 SH	SOLE	1	45,696	0	0
ESCALADE INC	COM	296056104	65	6,608 SH	SOLE	1	6,608	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,710	18,489 SH	SOLE	1	18,489	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	945	15,851 SH	SOLE	1	15,851	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	104	3,991 SH	SOLE	1	3,991	0	0
ESSA BANCORP INC	COM	29667D104	100	5,923 SH	SOLE	1	5,923	0	0
ESSENT GROUP LTD	COM	G3198U102	4,796	92,252 SH	SOLE	1	92,252	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,447	58,312 SH	SOLE	1	58,312	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	6,803	22,611 SH	SOLE	1	22,611	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	17,940	86,861 SH	SOLE	1	86,861	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	331	17,376 SH	SOLE	1	17,376	0	0
ETSY INC	COM	29786A106	10,172	229,616 SH	SOLE	1	229,616	0	0
EURONET WORLDWIDE INC	COM	298736109	185	1,172 SH	SOLE	1	1,172	0	0
EVANS BANCORP INC	COM	29911Q208	119	2,957 SH	SOLE	1	2,957	0	0
EVELO BIOSCIENCES INC	COM	299734103	35	8,608 SH	SOLE	1	8,608	0	0
EVENTBRITE INC CLASS A	COM	29975E109	461	22,880 SH	SOLE	1	22,880	0	0
EVERBRIDGE INC	COM	29978A104	1,626	20,820 SH	SOLE	1	20,820	0	0
EVERCORE INC A	COM	29977A105	5,648	75,549 SH	SOLE	1	75,549	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,825	13,816 SH	SOLE	1	13,816	0	0
EVERGY INC	COM	30034W106	5,002	76,854 SH	SOLE	1	76,854	0	0

EVERI HOLDINGS INC	COM	30034T103	578	43,031	SH	SOLE	1	43,031	0	0
EVERQUOTE INC CLASS A	COM	30041R108	189	5,506	SH	SOLE	1	5,506	0	0
EVERSOURCE ENERGY	COM	30040W108	12,968	152,444	SH	SOLE	1	152,444	0	0
EVERTEC INC	COM	30040P103	1,488	43,703	SH	SOLE	1	43,703	0	0
EVI INDUSTRIES INC	COM	26929N102	77	2,846	SH	SOLE	1	2,846	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	587	22,210	SH	SOLE	1	22,210	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	55	8,859	SH	SOLE	1	8,859	0	0
EVOLENT HEALTH INC A	COM	30050B101	420	46,384	SH	SOLE	1	46,384	0	0
EVOLUS INC	COM	30052C107	141	11,568	SH	SOLE	1	11,568	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	93	17,018	SH	SOLE	1	17,018	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	888	46,884	SH	SOLE	1	46,884	0	0
EW SCRIPPS CO/THE A	COM	811054402	620	39,484	SH	SOLE	1	39,484	0	0
EXACT SCIENCES CORP	COM	30063P105	303	3,281	SH	SOLE	1	3,281	0	0
EXAGEN INC	COM	30068X103	53	2,074	SH	SOLE	1	2,074	0	0
EXANTAS CAPITAL CORP	COM	30068N105	226	19,099	SH	SOLE	1	19,099	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	11	28,076	SH	SOLE	1	28,076	0	0
EXELIXIS INC	COM	30161Q104	10,348	587,265	SH	SOLE	1	587,265	0	0
EXELON CORP	COM	30161N101	17,096	375,001	SH	SOLE	1	375,001	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,685	24,263	SH	SOLE	1	24,263	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	146	12,918	SH	SOLE	1	12,918	0	0
EXPEDIA GROUP INC	COM	30212P303	8,805	81,425	SH	SOLE	1	81,425	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,627	59,299	SH	SOLE	1	59,299	0	0
EXPONENT INC	COM	30214U102	2,579	37,371	SH	SOLE	1	37,371	0	0
EXPRESS INC	COM	30219E103	232	47,655	SH	SOLE	1	47,655	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	44	2,943	SH	SOLE	1	2,943	0	0
EXTERRAN CORP	COM	30227H106	163	20,856	SH	SOLE	1	20,856	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,917	46,555	SH	SOLE	1	46,555	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	112	53,012	SH	SOLE	1	53,012	0	0
EXTREME NETWORKS INC	COM	30226D106	638	86,596	SH	SOLE	1	86,596	0	0
EXXON MOBIL CORP	COM	30231G102	408,434	5,853,161	SH	SOLE	1	5,853,161	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	61	39,497	SH	SOLE	1	39,497	0	0
EZCORP INC CL A	CL A	302301106	252	36,884	SH	SOLE	1	36,884	0	0
F5 NETWORKS INC	COM	315616102	2,917	20,885	SH	SOLE	1	20,885	0	0
FABRINET	COM	G3323L100	1,710	26,379	SH	SOLE	1	26,379	0	0
FACEBOOK INC CLASS A	COM	30303M102	189,160	921,608	SH	SOLE	1	921,608	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	19,724	73,515	SH	SOLE	1	73,515	0	0
FAIR ISAAC CORP	COM	303250104	21,021	56,105	SH	SOLE	1	56,105	0	0
FALCON MINERALS CORP	COM	30607B109	171	24,161	SH	SOLE	1	24,161	0	0

FARMER BROS CO	COM	307675108	100	6,629	SH	SOLE	1	6,629	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	190	6,313	SH	SOLE	1	6,313	0	0
FARMERS NATL BANC CORP	COM	309627107	262	16,036	SH	SOLE	1	16,036	0	0
FARMLAND PARTNERS INC	COM	31154R109	118	17,408	SH	SOLE	1	17,408	0	0
FARO TECHNOLOGIES INC	COM	311642102	627	12,457	SH	SOLE	1	12,457	0	0
FASTENAL CO	COM	311900104	24,337	658,642	SH	SOLE	1	658,642	0	0
FATE THERAPEUTICS INC	COM	31189P102	743	37,988	SH	SOLE	1	37,988	0	0
FB FINANCIAL CORP	COM	30257X104	422	10,656	SH	SOLE	1	10,656	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	357	6,063	SH	SOLE	1	6,063	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	472	5,649	SH	SOLE	1	5,649	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,095	24,046	SH	SOLE	1	24,046	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,394	43,219	SH	SOLE	1	43,219	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	7,962	244,297	SH	SOLE	1	244,297	0	0
FEDEX CORP	COM	31428X106	11,651	77,055	SH	SOLE	1	77,055	0	0
FEDNAT HOLDING CO	COM	31431B109	120	7,230	SH	SOLE	1	7,230	0	0
FERRO CORP	COM	315405100	874	58,968	SH	SOLE	1	58,968	0	0
FGL HOLDINGS	COM	G3402M102	1,106	103,848	SH	SOLE	1	103,848	0	0
FIBROGEN INC	COM	31572Q808	2,110	49,192	SH	SOLE	1	49,192	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	109	1,749	SH	SOLE	1	1,749	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	188	4,143	SH	SOLE	1	4,143	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	30,493	219,231	SH	SOLE	1	219,231	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	166	16,739	SH	SOLE	1	16,739	0	0
FIFTH THIRD BANCORP	COM	316773100	9,613	312,730	SH	SOLE	1	312,730	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	311	9,690	SH	SOLE	1	9,690	0	0
FIREEYE INC	COM	31816Q101	77	4,673	SH	SOLE	1	4,673	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	13,480	231,138	SH	SOLE	1	231,138	0	0
FIRST BANCORP INC/ME	COM	31866P102	194	6,417	SH	SOLE	1	6,417	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,644	155,274	SH	SOLE	1	155,274	0	0
FIRST BANCORP/NC	COM	318910106	732	18,351	SH	SOLE	1	18,351	0	0
FIRST BANCSHARES INC/MS	COM	318916103	369	10,384	SH	SOLE	1	10,384	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	115	10,400	SH	SOLE	1	10,400	0	0
FIRST BUSEY CORP	COM	319383204	885	32,168	SH	SOLE	1	32,168	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	136	5,168	SH	SOLE	1	5,168	0	0
FIRST CAPITAL INC	COM	31942S104	148	2,028	SH	SOLE	1	2,028	0	0
FIRST CHOICE BANCORP	COM	31948P104	170	6,316	SH	SOLE	1	6,316	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	61	114	SH	SOLE	1	114	0	0

FIRST COMMONWEALTH FINL CORP	COM	319829107	1,026	70,712 SH	SOLE	1	70,712	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	295	9,505 SH	SOLE	1	9,505	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	383	12,164 SH	SOLE	1	12,164	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,795	70,571 SH	SOLE	1	70,571	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	375	8,201 SH	SOLE	1	8,201	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	74	4,963 SH	SOLE	1	4,963	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	11,987	341,519 SH	SOLE	1	341,519	0	0
FIRST FOUNDATION INC	COM	32026V104	426	24,483 SH	SOLE	1	24,483	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	70	3,227 SH	SOLE	1	3,227	0	0
FIRST HAWAIIAN INC	COM	32051X108	61	2,119 SH	SOLE	1	2,119	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	9,945	600,565 SH	SOLE	1	600,565	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	13,514	325,559 SH	SOLE	1	325,559	0	0
FIRST INTERNET BANCORP	COM	320557101	140	5,921 SH	SOLE	1	5,921	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	994	23,704 SH	SOLE	1	23,704	0	0
FIRST MERCHANTS CORP	COM	320817109	1,422	34,186 SH	SOLE	1	34,186	0	0
FIRST MID BANCSHARES INC	COM	320866106	321	9,111 SH	SOLE	1	9,111	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,782	77,267 SH	SOLE	1	77,267	0	0
FIRST NORTHWEST BANCORP	COM	335834107	99	5,485 SH	SOLE	1	5,485	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	366	14,575 SH	SOLE	1	14,575	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	7,407	63,065 SH	SOLE	1	63,065	0	0
FIRST SOLAR INC	COM	336433107	8,202	146,570 SH	SOLE	1	146,570	0	0
FIRSTCASH INC	COM	33767D105	8,705	107,957 SH	SOLE	1	107,957	0	0
FIRSTENERGY CORP	COM	337932107	16,581	341,169 SH	SOLE	1	341,169	0	0
FISERV INC	COM	337738108	30,729	265,753 SH	SOLE	1	265,753	0	0
FITBIT INC A	COM	33812L102	925	140,757 SH	SOLE	1	140,757	0	0
FIVE BELOW	COM	33829M101	13,790	107,855 SH	SOLE	1	107,855	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	98	21,357 SH	SOLE	1	21,357	0	0
FIVE9 INC	COM	338307101	2,457	37,462 SH	SOLE	1	37,462	0	0
FLAGSTAR BANCORP INC	COM	337930705	957	25,022 SH	SOLE	1	25,022	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	9,786	34,013 SH	SOLE	1	34,013	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	438	21,150 SH	SOLE	1	21,150	0	0
FLEXSTEEL INDS	COM	339382103	93	4,679 SH	SOLE	1	4,679	0	0
FLIR SYSTEMS INC	COM	302445101	2,395	45,990 SH	SOLE	1	45,990	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	80	1,580 SH	SOLE	1	1,580	0	0
FLOTEK INDUSTRIES INC	COM	343389102	67	33,666 SH	SOLE	1	33,666	0	0

FLOWERS FOODS INC	COM	343498101	8,076	371,504 SH	SOLE	1	371,504	0	0
FLOWSERVE CORP	COM	34354P105	2,204	44,284 SH	SOLE	1	44,284	0	0
FLUENT INC	COM	34380C102	67	26,702 SH	SOLE	1	26,702	0	0
FLUIDIGM CORP	COM	34385P108	151	43,294 SH	SOLE	1	43,294	0	0
FLUOR CORP	COM	343412102	5,489	290,734 SH	SOLE	1	290,734	0	0
FLUSHING FINANCIAL CORP	COM	343873105	366	16,929 SH	SOLE	1	16,929	0	0
FMC CORP	COM	302491303	6,530	65,421 SH	SOLE	1	65,421	0	0
FNB CORP	COM	302520101	7,964	627,063 SH	SOLE	1	627,063	0	0
FNCB BANCORP INC	COM	302578109	91	10,712 SH	SOLE	1	10,712	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	566	19,206 SH	SOLE	1	19,206	0	0
FOOT LOCKER INC	COM	344849104	20,720	531,419 SH	SOLE	1	531,419	0	0
FORD MOTOR CO	COM	345370860	13,206	1,419,964 SH	SOLE	1	1,419,964	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	870	26,511 SH	SOLE	1	26,511	0	0
FORESTAR GROUP INC	COM	346232101	157	7,546 SH	SOLE	1	7,546	0	0
FORMFACTOR INC	COM	346375108	1,416	54,517 SH	SOLE	1	54,517	0	0
FORRESTER RESEARCH INC	COM	346563109	323	7,750 SH	SOLE	1	7,750	0	0
FORTERRA INC	COM	34960W106	134	11,631 SH	SOLE	1	11,631	0	0
FORTINET INC	COM	34959E109	5,393	50,519 SH	SOLE	1	50,519	0	0
FORTIVE CORP	COM	34959J108	8,986	117,635 SH	SOLE	1	117,635	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	3,186	48,760 SH	SOLE	1	48,760	0	0
FORTY SEVEN INC	COM	34983P104	548	13,922 SH	SOLE	1	13,922	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	87	51,820 SH	SOLE	1	51,820	0	0
FORWARD AIR CORP	COM	349853101	1,424	20,359 SH	SOLE	1	20,359	0	0
FOSSIL GROUP INC	COM	34988V106	266	33,755 SH	SOLE	1	33,755	0	0
FOSTER (LB) CO A	COM	350060109	121	6,267 SH	SOLE	1	6,267	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	279	14,431 SH	SOLE	1	14,431	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,546	54,832 SH	SOLE	1	54,832	0	0
FOX CORP CLASS A	COM	35137L105	6,329	170,732 SH	SOLE	1	170,732	0	0
FOX CORP CLASS B	COM	35137L204	2,622	72,034 SH	SOLE	1	72,034	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,896	27,257 SH	SOLE	1	27,257	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	345	66,761 SH	SOLE	1	66,761	0	0
FRANKLIN COVEY CO	COM	353469109	197	6,100 SH	SOLE	1	6,100	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,871	32,636 SH	SOLE	1	32,636	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	326	9,496 SH	SOLE	1	9,496	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	100	2,594 SH	SOLE	1	2,594	0	0
FRANKLIN RESOURCES INC	COM	354613101	7,407	285,085 SH	SOLE	1	285,085	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	644	75,289 SH	SOLE	1	75,289	0	0
FREEPORT MCMORAN INC	COM	35671D857	6,526	497,437 SH	SOLE	1	497,437	0	0

FREQUENCY THERAPEUTICS INC	COM	35803L108	63	3,601 SH	SOLE	1	3,601	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	774	22,114 SH	SOLE	1	22,114	0	0
FRESHPET INC	COM	358039105	1,274	21,555 SH	SOLE	1	21,555	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	383	31,014 SH	SOLE	1	31,014	0	0
FRONTDOOR INC	COM	35905A109	63	1,331 SH	SOLE	1	1,331	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	58	65,694 SH	SOLE	1	65,694	0	0
FRP HOLDINGS INC	COM	30292L107	217	4,359 SH	SOLE	1	4,359	0	0
FS BANCORP INC	COM	30263Y104	160	2,504 SH	SOLE	1	2,504	0	0
FTI CONSULTING INC	COM	302941109	10,552	95,359 SH	SOLE	1	95,359	0	0
FTS INTERNATIONAL INC	COM	30283W104	21	20,302 SH	SOLE	1	20,302	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	47	2,843 SH	SOLE	1	2,843	0	0
FULTON FINANCIAL CORP	COM	360271100	7,228	414,663 SH	SOLE	1	414,663	0	0
FUNKO INC CLASS A	COM	361008105	235	13,710 SH	SOLE	1	13,710	0	0
FUTUREFUEL CORP	COM	36116M106	611	49,297 SH	SOLE	1	49,297	0	0
FVCBANKCORP INC	COM	36120Q101	133	7,599 SH	SOLE	1	7,599	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,064	31,762 SH	SOLE	1	31,762	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	560	21,186 SH	SOLE	1	21,186	0	0
GAIA INC	COM	36269P104	53	6,578 SH	SOLE	1	6,578	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	48	12,104 SH	SOLE	1	12,104	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	72	25,082 SH	SOLE	1	25,082	0	0
GALERA THERAPEUTICS INC	COM	36338D108	14	1,052 SH	SOLE	1	1,052	0	0
GAMCO INVESTORS INC A	COM	361438104	63	3,242 SH	SOLE	1	3,242	0	0
GAMESTOP CORP CLASS A	COM	36467W109	638	104,972 SH	SOLE	1	104,972	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	288	6,686 SH	SOLE	1	6,686	0	0
GANNETT CO INC	COM	36472T109	544	85,297 SH	SOLE	1	85,297	0	0
GAP INC/THE	COM	364760108	27,142	1,535,206 SH	SOLE	1	1,535,206	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	75	2,044 SH	SOLE	1	2,044	0	0
GARMIN LTD	COM	H2906T109	4,905	50,274 SH	SOLE	1	50,274	0	0
GARRETT MOTION INC	COM	366505105	72	7,171 SH	SOLE	1	7,171	0	0
GARTNER INC	COM	366651107	4,895	31,767 SH	SOLE	1	31,767	0	0
GASLOG LTD	COM	G37585109	248	25,336 SH	SOLE	1	25,336	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	10	719 SH	SOLE	1	719	0	0
GATX CORP	COM	361448103	7,384	89,125 SH	SOLE	1	89,125	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	109	1,539 SH	SOLE	1	1,539	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	886	39,032 SH	SOLE	1	39,032	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	41	800 SH	SOLE	1	800	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	101	9,499 SH	SOLE	1	9,499	0	0

GENCOR INDUSTRIES INC	COM	368678108	66	5,689 SH	SOLE	1	5,689	0	0
GENERAC HOLDINGS INC	COM	368736104	3,854	38,313 SH	SOLE	1	38,313	0	0
GENERAL DYNAMICS CORP	COM	369550108	24,691	140,014 SH	SOLE	1	140,014	0	0
GENERAL ELECTRIC CO	COM	369604103	31,288	2,803,623 SH	SOLE	1	2,803,623	0	0
GENERAL FINANCE CORP	COM	369822101	80	7,271 SH	SOLE	1	7,271	0	0
GENERAL MILLS INC	COM	370334104	302,736	5,652,277 SH	SOLE	1	5,652,277	0	0
GENERAL MOTORS CO	COM	37045V100	14,773	403,624 SH	SOLE	1	403,624	0	0
GENESCO INC	COM	371532102	500	10,436 SH	SOLE	1	10,436	0	0
GENESIS HEALTHCARE INC	COM	37185X106	86	52,447 SH	SOLE	1	52,447	0	0
GENIE ENERGY LTD B	COM	372284208	69	8,886 SH	SOLE	1	8,886	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	167	34,724 SH	SOLE	1	34,724	0	0
GENPACT LTD	COM	G3922B107	185	4,383 SH	SOLE	1	4,383	0	0
GENTEX CORP	COM	371901109	14,150	488,264 SH	SOLE	1	488,264	0	0
GENTHERM INC	COM	37253A103	1,058	23,841 SH	SOLE	1	23,841	0	0
GENUINE PARTS CO	COM	372460105	18,707	176,099 SH	SOLE	1	176,099	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	5,634	1,280,467 SH	SOLE	1	1,280,467	0	0
GEO GROUP INC/THE	COM	36162J106	5,251	316,111 SH	SOLE	1	316,111	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	161	9,590 SH	SOLE	1	9,590	0	0
GERMAN AMERICAN BANCORP	COM	373865104	552	15,510 SH	SOLE	1	15,510	0	0
GERON CORP	COM	374163103	158	116,012 SH	SOLE	1	116,012	0	0
GETTY REALTY CORP	COM	374297109	795	24,176 SH	SOLE	1	24,176	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,827	36,226 SH	SOLE	1	36,226	0	0
GILEAD SCIENCES INC	COM	375558103	336,994	5,186,113 SH	SOLE	1	5,186,113	0	0
GLACIER BANCORP INC	COM	37637Q105	2,880	62,622 SH	SOLE	1	62,622	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	420	19,192 SH	SOLE	1	19,192	0	0
GLADSTONE LAND CORP	COM	376549101	149	11,514 SH	SOLE	1	11,514	0	0
GLATFELTER	COM	377316104	577	31,504 SH	SOLE	1	31,504	0	0
GLAUKOS CORP	COM	377322102	1,327	24,362 SH	SOLE	1	24,362	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	2,884	36,275 SH	SOLE	1	36,275	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	154	5,207 SH	SOLE	1	5,207	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	268	20,281 SH	SOLE	1	20,281	0	0
GLOBAL NET LEASE INC	COM	379378201	1,318	64,972 SH	SOLE	1	64,972	0	0
GLOBAL PAYMENTS INC	COM	37940X102	20,107	110,137 SH	SOLE	1	110,137	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	97	7,386 SH	SOLE	1	7,386	0	0
GLOBANT SA	COM	L44385109	51	485 SH	SOLE	1	485	0	0
GLOBE LIFE INC	COM	37959E102	3,545	33,681 SH	SOLE	1	33,681	0	0
GLOBUS MEDICAL INC A	COM	379577208	11,479	194,961 SH	SOLE	1	194,961	0	0
GLU MOBILE INC	COM	379890106	506	83,567 SH	SOLE	1	83,567	0	0
GLYCOMIMETICS INC	COM	38000Q102	112	21,176 SH	SOLE	1	21,176	0	0

GMS INC	COM	36251C103	785	28,998	SH	SOLE	1	28,998	0	0
GNC HOLDINGS INC CL A	CL A	36191G107	138	51,209	SH	SOLE	1	51,209	0	0
GODADDY INC CLASS A	COM	380237107	280	4,124	SH	SOLE	1	4,124	0	0
GOGO INC	COM	38046C109	220	34,390	SH	SOLE	1	34,390	0	0
GOLAR LNG LTD	COM	G9456A100	844	59,337	SH	SOLE	1	59,337	0	0
GOLD RESOURCE CORP	COM	38068T105	211	38,013	SH	SOLE	1	38,013	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	206	10,710	SH	SOLE	1	10,710	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	23,522	102,302	SH	SOLE	1	102,302	0	0
GOODRICH PETROLEUM CORP	COM	382410843	57	5,690	SH	SOLE	1	5,690	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	6,982	448,829	SH	SOLE	1	448,829	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	303	7,157	SH	SOLE	1	7,157	0	0
GOPRO INC CLASS A	COM	38268T103	347	79,882	SH	SOLE	1	79,882	0	0
GORMAN RUPP CO	COM	383082104	414	11,033	SH	SOLE	1	11,033	0	0
GOSSAMER BIO INC	COM	38341P102	420	26,854	SH	SOLE	1	26,854	0	0
GP STRATEGIES CORP	COM	36225V104	106	8,004	SH	SOLE	1	8,004	0	0
GRACO INC	COM	384109104	16,803	323,125	SH	SOLE	1	323,125	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	11	961	SH	SOLE	1	961	0	0
GRAHAM CORP	COM	384556106	131	6,009	SH	SOLE	1	6,009	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,270	9,812	SH	SOLE	1	9,812	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	8,917	93,092	SH	SOLE	1	93,092	0	0
GRANITE CONSTRUCTION INC	COM	387328107	937	33,853	SH	SOLE	1	33,853	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	721	39,214	SH	SOLE	1	39,214	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	77	4,611	SH	SOLE	1	4,611	0	0
GRAY TELEVISION INC	COM	389375106	1,223	57,025	SH	SOLE	1	57,025	0	0
GREAT AJAX CORP	COM	38983D300	160	10,791	SH	SOLE	1	10,791	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	432	38,164	SH	SOLE	1	38,164	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	439	6,934	SH	SOLE	1	6,934	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,418	40,819	SH	SOLE	1	40,819	0	0
GREEN BRICK PARTNERS INC	COM	392709101	175	15,227	SH	SOLE	1	15,227	0	0
GREEN DOT CORP CLASS A	COM	39304D102	2,819	120,987	SH	SOLE	1	120,987	0	0
GREEN PLAINS INC	COM	393222104	382	24,726	SH	SOLE	1	24,726	0	0
GREENBRIER COMPANIES INC	COM	393657101	754	23,235	SH	SOLE	1	23,235	0	0
GREENE COUNTY BANCORP INC	COM	394357107	60	2,071	SH	SOLE	1	2,071	0	0
GREENHILL & CO INC	COM	395259104	187	10,968	SH	SOLE	1	10,968	0	0
GREENLANE HOLDINGS INC A	COM	395330103	21	6,306	SH	SOLE	1	6,306	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	185	18,263	SH	SOLE	1	18,263	0	0

GREIF INC CL A	CL A	397624107	4,252	96,208 SH	SOLE	1	96,208	0	0
GREIF INC CL B	COM	397624206	195	3,774 SH	SOLE	1	3,774	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	24	604 SH	SOLE	1	604	0	0
GRIFFON CORP	COM	398433102	548	26,934 SH	SOLE	1	26,934	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	140	15,605 SH	SOLE	1	15,605	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	18	542 SH	SOLE	1	542	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,272	12,723 SH	SOLE	1	12,723	0	0
GROUPON INC	COM	399473107	676	282,914 SH	SOLE	1	282,914	0	0
GRUBHUB INC	COM	400110102	8,619	177,194 SH	SOLE	1	177,194	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	21	1,291 SH	SOLE	1	1,291	0	0
GSI TECHNOLOGY INC	COM	36241U106	70	9,942 SH	SOLE	1	9,942	0	0
GTT COMMUNICATIONS INC	COM	362393100	240	21,134 SH	SOLE	1	21,134	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	146	24,817 SH	SOLE	1	24,817	0	0
GUARANTY BANCSHARES INC	COM	400764106	167	5,091 SH	SOLE	1	5,091	0	0
GUARDANT HEALTH INC	COM	40131M109	67	856 SH	SOLE	1	856	0	0
GUESS INC	COM	401617105	736	32,893 SH	SOLE	1	32,893	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	210	1,913 SH	SOLE	1	1,913	0	0
GULFPORT ENERGY CORP	COM	402635304	347	114,233 SH	SOLE	1	114,233	0	0
GWG HOLDINGS INC	COM	36192A109	11	1,139 SH	SOLE	1	1,139	0	0
H.B. FULLER CO.	COM	359694106	1,897	36,780 SH	SOLE	1	36,780	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	669	19,999 SH	SOLE	1	19,999	0	0
H&R BLOCK INC	COM	093671105	14,146	602,462 SH	SOLE	1	602,462	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	134	12,890 SH	SOLE	1	12,890	0	0
HACKETT GROUP INC/THE	COM	404609109	247	15,311 SH	SOLE	1	15,311	0	0
HAEMONETICS CORP/MASS	COM	405024100	14,833	129,096 SH	SOLE	1	129,096	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,029	155,211 SH	SOLE	1	155,211	0	0
HALLADOR ENERGY CO	COM	40609P105	38	12,730 SH	SOLE	1	12,730	0	0
HALLIBURTON CO	COM	406216101	7,230	295,452 SH	SOLE	1	295,452	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	144	8,180 SH	SOLE	1	8,180	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,589	89,637 SH	SOLE	1	89,637	0	0
HAMILTON BEACH BRAND A	COM	40701T104	77	4,045 SH	SOLE	1	4,045	0	0
HAMILTON LANE INC CLASS A	COM	407497106	822	13,795 SH	SOLE	1	13,795	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,711	221,305 SH	SOLE	1	221,305	0	0
HANESBRANDS INC	COM	410345102	16,043	1,080,366 SH	SOLE	1	1,080,366	0	0
HANGER INC	COM	41043F208	725	26,265 SH	SOLE	1	26,265	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	439	21,952 SH	SOLE	1	21,952	0	0

HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,276	39,660	SH	SOLE	1	39,660	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	13,059	95,548	SH	SOLE	1	95,548	0	0
HARBORONE BANCORP INC	COM	41165Y100	180	16,418	SH	SOLE	1	16,418	0	0
HARLEY DAVIDSON INC	COM	412822108	1,933	51,977	SH	SOLE	1	51,977	0	0
HARMONIC INC	COM	413160102	496	63,545	SH	SOLE	1	63,545	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	68	4,593	SH	SOLE	1	4,593	0	0
HARSCO CORP	COM	415864107	1,297	56,377	SH	SOLE	1	56,377	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	7,375	121,354	SH	SOLE	1	121,354	0	0
HASBRO INC	COM	418056107	4,623	43,771	SH	SOLE	1	43,771	0	0
HAVERTY FURNITURE	COM	419596101	260	12,905	SH	SOLE	1	12,905	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	9,855	210,298	SH	SOLE	1	210,298	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	978	33,400	SH	SOLE	1	33,400	0	0
HAWKINS INC	COM	420261109	321	7,013	SH	SOLE	1	7,013	0	0
HAWTHORN BANCSHARES INC	COM	420476103	90	3,543	SH	SOLE	1	3,543	0	0
HAYNES INTERNATIONAL INC	COM	420877201	321	8,979	SH	SOLE	1	8,979	0	0
HBT FINANCIAL INC/DE	COM	404111106	108	5,695	SH	SOLE	1	5,695	0	0
HCA HEALTHCARE INC	COM	40412C101	16,742	113,266	SH	SOLE	1	113,266	0	0
HCI GROUP INC	COM	40416E103	203	4,453	SH	SOLE	1	4,453	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,213	30,163	SH	SOLE	1	30,163	0	0
HDFC BANK LTD ADR	ADR	40415F101	65	1,024	SH	SOLE	1	1,024	0	0
HEALTH CATALYST INC	COM	42225T107	179	5,147	SH	SOLE	1	5,147	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	118	6,109	SH	SOLE	1	6,109	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	11,311	338,952	SH	SOLE	1	338,952	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,583	188,461	SH	SOLE	1	188,461	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	249	8,210	SH	SOLE	1	8,210	0	0
HEALTH EQUITY INC	COM	42226A107	13,262	179,051	SH	SOLE	1	179,051	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,833	169,214	SH	SOLE	1	169,214	0	0
HEALTHSTREAM INC	COM	42222N103	510	18,765	SH	SOLE	1	18,765	0	0
HEARTLAND EXPRESS INC	COM	422347104	700	33,243	SH	SOLE	1	33,243	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,083	21,774	SH	SOLE	1	21,774	0	0
HECLA MINING CO	COM	422704106	1,042	307,471	SH	SOLE	1	307,471	0	0
HEICO CORP	COM	422806109	104	914	SH	SOLE	1	914	0	0
HEICO CORP CLASS A	COM	422806208	160	1,789	SH	SOLE	1	1,789	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	443	13,624	SH	SOLE	1	13,624	0	0
HELEN OF TROY LTD	COM	G4388N106	11,488	63,897	SH	SOLE	1	63,897	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	848	18,345	SH	SOLE	1	18,345	0	0

HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	986	102,417	SH	SOLE	1	102,417	0	0
HELMERICH & PAYNE	COM	423452101	1,657	36,483	SH	SOLE	1	36,483	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	14,377	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	162	10,898	SH	SOLE	1	10,898	0	0
HENRY SCHEIN INC	COM	806407102	4,935	73,961	SH	SOLE	1	73,961	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	82	1,723	SH	SOLE	1	1,723	0	0
HERC HOLDINGS INC	COM	42704L104	739	15,095	SH	SOLE	1	15,095	0	0
HERITAGE COMMERCE CORP	COM	426927109	440	34,272	SH	SOLE	1	34,272	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	295	9,407	SH	SOLE	1	9,407	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	749	26,461	SH	SOLE	1	26,461	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	218	16,418	SH	SOLE	1	16,418	0	0
HERMAN MILLER INC	COM	600544100	6,246	149,954	SH	SOLE	1	149,954	0	0
HERON THERAPEUTICS INC	COM	427746102	1,237	52,634	SH	SOLE	1	52,634	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	363	24,958	SH	SOLE	1	24,958	0	0
HERSHEY CO/THE	COM	427866108	7,638	51,963	SH	SOLE	1	51,963	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	1,001	63,554	SH	SOLE	1	63,554	0	0
HESKA CORP	COM	42805E306	486	5,063	SH	SOLE	1	5,063	0	0
HESS CORP	COM	42809H107	7,530	112,703	SH	SOLE	1	112,703	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,136	576,067	SH	SOLE	1	576,067	0	0
HEXCEL CORP	COM	428291108	142	1,943	SH	SOLE	1	1,943	0	0
HF FOODS GROUP INC	COM	40417F109	92	4,711	SH	SOLE	1	4,711	0	0
HIBBETT SPORTS INC	COM	428567101	356	12,682	SH	SOLE	1	12,682	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	429	253,573	SH	SOLE	1	253,573	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	9,791	200,191	SH	SOLE	1	200,191	0	0
HILL ROM HOLDINGS INC	COM	431475102	14,659	129,116	SH	SOLE	1	129,116	0	0
HILLENBRAND INC	COM	431571108	1,760	52,837	SH	SOLE	1	52,837	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,092	43,789	SH	SOLE	1	43,789	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	50	1,452	SH	SOLE	1	1,452	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	11,132	100,374	SH	SOLE	1	100,374	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	183	869	SH	SOLE	1	869	0	0
HMS HOLDINGS CORP	COM	40425J101	1,877	63,427	SH	SOLE	1	63,427	0	0
HNI CORP	COM	404251100	4,076	108,807	SH	SOLE	1	108,807	0	0
HOLLYFRONTIER CORP	COM	436106108	3,330	65,669	SH	SOLE	1	65,669	0	0
HOLOGIC INC	COM	436440101	5,061	96,929	SH	SOLE	1	96,929	0	0
HOME BANCORP INC	COM	43689E107	187	4,770	SH	SOLE	1	4,770	0	0
HOME BANCSHARES INC	COM	436893200	9,276	471,842	SH	SOLE	1	471,842	0	0
HOME DEPOT INC	COM	437076102	100,052	458,154	SH	SOLE	1	458,154	0	0

HOMESTREET INC	COM	43785V102	557	16,384	SH	SOLE	1	16,384	0	0
HOMETRUST BANCSHARES INC	COM	437872104	263	9,800	SH	SOLE	1	9,800	0	0
HOMOLOGY MEDICINES INC	COM	438083107	321	15,525	SH	SOLE	1	15,525	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	48,531	274,185	SH	SOLE	1	274,185	0	0
HOOKER FURNITURE CORP	COM	439038100	187	7,279	SH	SOLE	1	7,279	0	0
HOOKIPA PHARMA INC	COM	43906K100	76	6,240	SH	SOLE	1	6,240	0	0
HOPE BANCORP INC	COM	43940T109	2,774	186,671	SH	SOLE	1	186,671	0	0
HORACE MANN EDUCATORS	COM	440327104	1,303	29,851	SH	SOLE	1	29,851	0	0
HORIZON BANCORP INC/IN	COM	440407104	444	23,371	SH	SOLE	1	23,371	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	110	3,042	SH	SOLE	1	3,042	0	0
HORMEL FOODS CORP	COM	440452100	5,429	120,345	SH	SOLE	1	120,345	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	4,834	260,604	SH	SOLE	1	260,604	0	0
HOSTESS BRANDS INC	COM	44109J106	1,088	74,836	SH	SOLE	1	74,836	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	409	65,382	SH	SOLE	1	65,382	0	0
HOULIHAN LOKEY INC	COM	441593100	1,288	26,359	SH	SOLE	1	26,359	0	0
HOWARD BANCORP INC	COM	442496105	136	8,068	SH	SOLE	1	8,068	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	92	725	SH	SOLE	1	725	0	0
HP INC	COM	40434L105	355,860	17,316,790	SH	SOLE	1	17,316,790	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	72	1,800	SH	SOLE	1	1,800	0	0
HUB GROUP INC CL A	CL A	443320106	1,202	23,440	SH	SOLE	1	23,440	0	0
HUBBELL INC	COM	443510607	15,549	105,191	SH	SOLE	1	105,191	0	0
HUBSPOT INC	COM	443573100	148	933	SH	SOLE	1	933	0	0
HUDSON LTD CLASS A	COM	G46408103	381	24,840	SH	SOLE	1	24,840	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	243	6,463	SH	SOLE	1	6,463	0	0
HUMANA INC	COM	444859102	21,004	57,307	SH	SOLE	1	57,307	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,442	29,471	SH	SOLE	1	29,471	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,398	424,275	SH	SOLE	1	424,275	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,585	14,289	SH	SOLE	1	14,289	0	0
HUNTSMAN CORP	COM	447011107	83	3,446	SH	SOLE	1	3,446	0	0
HURCO COMPANIES INC	COM	447324104	152	3,974	SH	SOLE	1	3,974	0	0
HURON CONSULTING GROUP INC	COM	447462102	965	14,042	SH	SOLE	1	14,042	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	15	600	SH	SOLE	1	600	0	0
HYATT HOTELS CORP CL A	CL A	448579102	53	592	SH	SOLE	1	592	0	0
HYSTER YALE MATERIALS	COM	449172105	374	6,336	SH	SOLE	1	6,336	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	256	9,067	SH	SOLE	1	9,067	0	0
IAA INC	COM	449253103	142	3,021	SH	SOLE	1	3,021	0	0

IAC/INTERACTIVECORP	COM	44919P508	374	1,502	SH	SOLE	1	1,502	0	0
IBERIABANK CORP	COM	450828108	2,446	32,692	SH	SOLE	1	32,692	0	0
ICF INTERNATIONAL INC	COM	44925C103	1,041	11,366	SH	SOLE	1	11,366	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	530	15,938	SH	SOLE	1	15,938	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	238	15,774	SH	SOLE	1	15,774	0	0
ICU MEDICAL INC	COM	44930G107	6,952	37,150	SH	SOLE	1	37,150	0	0
IDACORP INC	COM	451107106	10,387	97,261	SH	SOLE	1	97,261	0	0
IDEANOMICS INC	COM	45166V106	27	31,109	SH	SOLE	1	31,109	0	0
IDEX CORP	COM	45167R104	4,537	26,379	SH	SOLE	1	26,379	0	0
IDEXX LABORATORIES INC	COM	45168D104	10,179	38,979	SH	SOLE	1	38,979	0	0
IDT CORP CLASS B	COM	448947507	75	10,428	SH	SOLE	1	10,428	0	0
IES HOLDINGS INC	COM	44951W106	133	5,168	SH	SOLE	1	5,168	0	0
IGM BIOSCIENCES INC	COM	449585108	118	3,102	SH	SOLE	1	3,102	0	0
IHS MARKIT LTD	COM	G47567105	12,191	161,792	SH	SOLE	1	161,792	0	0
II VI INC	COM	902104108	7,506	222,937	SH	SOLE	1	222,937	0	0
ILLINOIS TOOL WORKS	COM	452308109	36,082	200,867	SH	SOLE	1	200,867	0	0
ILLUMINA INC	COM	452327109	21,067	63,506	SH	SOLE	1	63,506	0	0
IMAX CORP	COM	45245E109	669	32,760	SH	SOLE	1	32,760	0	0
IMMERSON CORPORATION	COM	452521107	145	19,523	SH	SOLE	1	19,523	0	0
IMMUNOGEN INC	COM	45253H101	464	90,816	SH	SOLE	1	90,816	0	0
IMMUNOMEDICS INC	COM	452907108	2,319	109,598	SH	SOLE	1	109,598	0	0
IMPINJ INC	COM	453204109	272	10,511	SH	SOLE	1	10,511	0	0
INCYTE CORP	COM	45337C102	7,313	83,752	SH	SOLE	1	83,752	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	30	29,740	SH	SOLE	1	29,740	0	0
INDEPENDENCE HOLDING CO	COM	453440307	131	3,111	SH	SOLE	1	3,111	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	926	65,734	SH	SOLE	1	65,734	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	307	13,551	SH	SOLE	1	13,551	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	2,006	24,092	SH	SOLE	1	24,092	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,238	22,329	SH	SOLE	1	22,329	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	1,050	46,840	SH	SOLE	1	46,840	0	0
INFINERA CORP	COM	45667G103	887	111,734	SH	SOLE	1	111,734	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	57	22,340	SH	SOLE	1	22,340	0	0
INFOSYS LTD SP ADR	ADR	456788108	500	48,463	SH	SOLE	1	48,463	0	0
INGERSOLL RAND PLC	COM	G47791101	12,683	95,421	SH	SOLE	1	95,421	0	0
INGEVITY CORP	COM	45688C107	9,297	106,395	SH	SOLE	1	106,395	0	0
INGLES MARKETS INC CLASS A	COM	457030104	421	8,859	SH	SOLE	1	8,859	0	0
INGREDION INC	COM	457187102	11,977	128,850	SH	SOLE	1	128,850	0	0
INNERWORKINGS INC	COM	45773Y105	152	27,642	SH	SOLE	1	27,642	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	453	14,167	SH	SOLE	1	14,167	0	0

INNOSPEC INC	COM	45768S105	1,818	17,571 SH	SOLE	1	17,571	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	625	8,233 SH	SOLE	1	8,233	0	0
INNOVIVA INC	COM	45781M101	657	46,407 SH	SOLE	1	46,407	0	0
INOGEN INC	COM	45780L104	901	13,191 SH	SOLE	1	13,191	0	0
INOVALON HOLDINGS INC A	COM	45781D101	858	45,570 SH	SOLE	1	45,570	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	192	58,047 SH	SOLE	1	58,047	0	0
INPHI CORP	COM	45772F107	2,084	28,154 SH	SOLE	1	28,154	0	0
INSEEGO CORP	COM	45782B104	207	28,190 SH	SOLE	1	28,190	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,779	25,312 SH	SOLE	1	25,312	0	0
INSMED INC	COM	457669307	1,332	55,759 SH	SOLE	1	55,759	0	0
INSPERITY INC	COM	45778Q107	8,217	95,505 SH	SOLE	1	95,505	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	626	8,433 SH	SOLE	1	8,433	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	37	5,539 SH	SOLE	1	5,539	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,118	16,228 SH	SOLE	1	16,228	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	286	13,305 SH	SOLE	1	13,305	0	0
INSTRUCTURE INC	COM	45781U103	1,043	21,644 SH	SOLE	1	21,644	0	0
INSULET CORP	COM	45784P101	238	1,392 SH	SOLE	1	1,392	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,889	23,485 SH	SOLE	1	23,485	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,016	137,537 SH	SOLE	1	137,537	0	0
INTEL CORP	COM	458140100	108,007	1,804,623 SH	SOLE	1	1,804,623	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	355	24,209 SH	SOLE	1	24,209	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	171	4,270 SH	SOLE	1	4,270	0	0
INTELSAT SA	COM	L5140P101	295	41,985 SH	SOLE	1	41,985	0	0
INTER PARFUMS INC	COM	458334109	924	12,712 SH	SOLE	1	12,712	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	6,911	148,231 SH	SOLE	1	148,231	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,952	15,755 SH	SOLE	1	15,755	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	22,228	240,177 SH	SOLE	1	240,177	0	0
INTERDIGITAL INC	COM	45867G101	4,312	79,132 SH	SOLE	1	79,132	0	0
INTERFACE INC	COM	458665304	694	41,837 SH	SOLE	1	41,837	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	6,231	144,663 SH	SOLE	1	144,663	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	23	1,539 SH	SOLE	1	1,539	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	136	11,290 SH	SOLE	1	11,290	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,504	162,952 SH	SOLE	1	162,952	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	470	15,790 SH	SOLE	1	15,790	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	18,345	794,164 SH	SOLE	1	794,164	0	0
INTERSECT ENT INC	COM	46071F103	479	19,232 SH	SOLE	1	19,232	0	0

INTL BUSINESS MACHINES CORP	COM	459200101	329,159	2,455,675	SH	SOLE	1	2,455,675	0	0
INTL FCSTONE INC	COM	46116V105	564	11,547	SH	SOLE	1	11,547	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	5,081	39,379	SH	SOLE	1	39,379	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	957	27,885	SH	SOLE	1	27,885	0	0
INTREPID POTASH INC	COM	46121Y102	162	59,700	SH	SOLE	1	59,700	0	0
INTREXON CORP	COM	46122T102	249	45,471	SH	SOLE	1	45,471	0	0
INTRICON CORP	COM	46121H109	92	5,138	SH	SOLE	1	5,138	0	0
INTUIT INC	COM	461202103	29,953	114,356	SH	SOLE	1	114,356	0	0
INTUITIVE SURGICAL INC	COM	46120E602	27,121	45,878	SH	SOLE	1	45,878	0	0
INVACARE CORP	COM	461203101	219	24,284	SH	SOLE	1	24,284	0	0
INVESCO LTD	COM	G491BT108	3,258	181,185	SH	SOLE	1	181,185	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,726	103,662	SH	SOLE	1	103,662	0	0
INVESTAR HOLDING CORP	COM	46134L105	138	5,768	SH	SOLE	1	5,768	0	0
INVESTORS BANCORP INC	COM	46146L101	1,696	142,365	SH	SOLE	1	142,365	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	529	7,295	SH	SOLE	1	7,295	0	0
INVESTORS TITLE CO	COM	461804106	139	872	SH	SOLE	1	872	0	0
INVITAE CORP	COM	46185L103	875	54,261	SH	SOLE	1	54,261	0	0
INVITATION HOMES INC	COM	46187W107	402	13,398	SH	SOLE	1	13,398	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	181	3,002	SH	SOLE	1	3,002	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	2,031	73,368	SH	SOLE	1	73,368	0	0
IPG PHOTONICS CORP	COM	44980X109	1,766	12,188	SH	SOLE	1	12,188	0	0
IQIYI INC ADR	ADR	46267X108	32	1,500	SH	SOLE	1	1,500	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,286	73,041	SH	SOLE	1	73,041	0	0
IRADIMED CORP	COM	46266A109	67	2,846	SH	SOLE	1	2,846	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,129	16,579	SH	SOLE	1	16,579	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,757	71,323	SH	SOLE	1	71,323	0	0
IROBOT CORP	COM	462726100	1,007	19,897	SH	SOLE	1	19,897	0	0
IRON MOUNTAIN INC	COM	46284V101	4,362	136,853	SH	SOLE	1	136,853	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,281	96,237	SH	SOLE	1	96,237	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	9,115	107,700	SH	SOLE	1	107,700	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	158	1,100	SH	SOLE	1	1,100	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,639	12,100	SH	SOLE	1	12,100	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	10,047	79,900	SH	SOLE	1	79,900	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,656	24,100	SH	SOLE	1	24,100	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	3,290	39,231	SH	SOLE	1	39,231	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,743	107,400	SH	SOLE	1	107,400	0	0

ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	81,217	1,169,600	SH	SOLE	1	1,169,600	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	4,093	91,217	SH	SOLE	1	91,217	0	0
ISHARES MSCI INDIA ETF	MSCI INDIA ETF	46429B598	4,161	118,386	SH	SOLE	1	118,386	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	8,930	53,900	SH	SOLE	1	53,900	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,571	10,294	SH	SOLE	1	10,294	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,535	16,200	SH	SOLE	1	16,200	0	0
ISHARES S&P 500 GROWTH ETF	S&P 500 GRWT ETF	464287309	14,737	76,104	SH	SOLE	1	76,104	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	7,371	56,660	SH	SOLE	1	56,660	0	0
ISTAR INC	COM	45031U101	622	42,870	SH	SOLE	1	42,870	0	0
ITERIS INC	COM	46564T107	125	25,138	SH	SOLE	1	25,138	0	0
ITRON INC	COM	465741106	2,086	24,853	SH	SOLE	1	24,853	0	0
ITT INC	COM	45073V108	12,510	169,254	SH	SOLE	1	169,254	0	0
J & J SNACK FOODS CORP	COM	466032109	2,009	10,900	SH	SOLE	1	10,900	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	78	8,184	SH	SOLE	1	8,184	0	0
J. JILL INC	COM	46620W102	12	10,555	SH	SOLE	1	10,555	0	0
J.C. PENNEY CO INC	COM	708160106	258	230,349	SH	SOLE	1	230,349	0	0
J2 GLOBAL INC	COM	48123V102	11,041	117,825	SH	SOLE	1	117,825	0	0
JABIL INC	COM	466313103	11,097	268,505	SH	SOLE	1	268,505	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	3,915	26,878	SH	SOLE	1	26,878	0	0
JACK IN THE BOX INC	COM	466367109	4,794	61,437	SH	SOLE	1	61,437	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	4,093	45,565	SH	SOLE	1	45,565	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	397	46,743	SH	SOLE	1	46,743	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	884	21,458	SH	SOLE	1	21,458	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	7,345	300,407	SH	SOLE	1	300,407	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	187	1,250	SH	SOLE	1	1,250	0	0
JBG SMITH PROPERTIES	COM	46590V100	9,089	227,857	SH	SOLE	1	227,857	0	0
JD.COM INC ADR	ADR	47215P106	2,474	70,236	SH	SOLE	1	70,236	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	13,913	651,030	SH	SOLE	1	651,030	0	0
JELD WEN HOLDING INC	COM	47580P103	990	42,296	SH	SOLE	1	42,296	0	0
JERNIGAN CAPITAL INC	COM	476405105	256	13,362	SH	SOLE	1	13,362	0	0
JETBLUE AIRWAYS CORP	COM	477143101	10,436	557,484	SH	SOLE	1	557,484	0	0
JM SMUCKER CO/THE	COM	832696405	4,675	44,895	SH	SOLE	1	44,895	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	570	6,245	SH	SOLE	1	6,245	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,543	22,570	SH	SOLE	1	22,570	0	0
JOHNSON & JOHNSON	COM	478160104	143,486	983,658	SH	SOLE	1	983,658	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	12,838	315,356	SH	SOLE	1	315,356	0	0

JOHNSON OUTDOORS INC A	COM	479167108	237	3,088 SH	SOLE	1	3,088	0	0
JOINT CORP/THE	COM	47973J102	132	8,177 SH	SOLE	1	8,177	0	0
JONES LANG LASALLE INC	COM	48020Q107	18,302	105,129 SH	SOLE	1	105,129	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	88	10,132 SH	SOLE	1	10,132	0	0
JOYY INC	ADS RESTG COM A	46591M109	35	656 SH	SOLE	1	656	0	0
JPMORGAN CHASE & CO	COM	46625H100	510,331	3,660,909 SH	SOLE	1	3,660,909	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,822	155,190 SH	SOLE	1	155,190	0	0
K12 INC	COM	48273U102	501	24,600 SH	SOLE	1	24,600	0	0
KADANT INC	COM	48282T104	725	6,882 SH	SOLE	1	6,882	0	0
KADMON HOLDINGS INC	COM	48283N106	444	97,995 SH	SOLE	1	97,995	0	0
KAISER ALUMINUM CORP	COM	483007704	1,263	11,386 SH	SOLE	1	11,386	0	0
KALA PHARMACEUTICALS INC	COM	483119103	51	13,942 SH	SOLE	1	13,942	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	36	7,114 SH	SOLE	1	7,114	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	141	7,903 SH	SOLE	1	7,903	0	0
KAMAN CORP	COM	483548103	1,319	20,002 SH	SOLE	1	20,002	0	0
KANSAS CITY SOUTHERN	COM	485170302	5,284	34,503 SH	SOLE	1	34,503	0	0
KAR AUCTION SERVICES INC	COM	48238T109	6,175	283,407 SH	SOLE	1	283,407	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	216	2,867 SH	SOLE	1	2,867	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	715	37,310 SH	SOLE	1	37,310	0	0
KB HOME	COM	48666K109	7,460	217,691 SH	SOLE	1	217,691	0	0
KBR INC	COM	48242W106	10,979	359,968 SH	SOLE	1	359,968	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	686	49,615 SH	SOLE	1	49,615	0	0
KELLOGG CO	COM	487836108	8,163	118,027 SH	SOLE	1	118,027	0	0
KELLY SERVICES INC A	COM	488152208	540	23,923 SH	SOLE	1	23,923	0	0
KEMET CORP	COM	488360207	1,115	41,219 SH	SOLE	1	41,219	0	0
KEMPER CORP	COM	488401100	9,377	120,995 SH	SOLE	1	120,995	0	0
KENNAMETAL INC	COM	489170100	7,748	210,043 SH	SOLE	1	210,043	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,714	76,848 SH	SOLE	1	76,848	0	0
KEYCORP	COM	493267108	8,246	407,417 SH	SOLE	1	407,417	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	6,847	66,711 SH	SOLE	1	66,711	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	39	9,741 SH	SOLE	1	9,741	0	0
KFORCE INC	COM	493732101	503	12,668 SH	SOLE	1	12,668	0	0
KILROY REALTY CORP	COM	49427F108	15,794	188,249 SH	SOLE	1	188,249	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	270	15,366 SH	SOLE	1	15,366	0	0
KIMBALL INTERNATIONAL B	COM	494274103	462	22,334 SH	SOLE	1	22,334	0	0
KIMBERLY CLARK CORP	COM	494368103	18,269	132,815 SH	SOLE	1	132,815	0	0
KIMCO REALTY CORP	COM	49446R109	3,086	149,032 SH	SOLE	1	149,032	0	0

KINDER MORGAN INC	COM	49456B101	17,461	824,793 SH	SOLE	1	824,793	0	0
KINDRED BIOSCIENCES INC	COM	494577109	197	23,194 SH	SOLE	1	23,194	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	97	8,737 SH	SOLE	1	8,737	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	1,501	14,769 SH	SOLE	1	14,769	0	0
KIRBY CORP	COM	497266106	10,357	115,684 SH	SOLE	1	115,684	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,171	59,945 SH	SOLE	1	59,945	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	370	18,129 SH	SOLE	1	18,129	0	0
KLA CORP	COM	482480100	12,253	68,774 SH	SOLE	1	68,774	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	99	15,316 SH	SOLE	1	15,316	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,290	259,209 SH	SOLE	1	259,209	0	0
KNOLL INC	COM	498904200	776	30,706 SH	SOLE	1	30,706	0	0
KNOWLES CORP	COM	49926D109	1,252	59,192 SH	SOLE	1	59,192	0	0
KODIAK SCIENCES INC	COM	50015M109	1,062	14,764 SH	SOLE	1	14,764	0	0
KOHL'S CORP	COM	500255104	263,991	5,181,378 SH	SOLE	1	5,181,378	0	0
KONTOOR BRANDS INC	COM	50050N103	1,351	32,178 SH	SOLE	1	32,178	0	0
KOPPERS HOLDINGS INC	COM	50060P106	526	13,769 SH	SOLE	1	13,769	0	0
KORN FERRY	COM	500643200	1,723	40,636 SH	SOLE	1	40,636	0	0
KOSMOS ENERGY LTD	COM	500688106	32	5,672 SH	SOLE	1	5,672	0	0
KRAFT HEINZ CO/THE	COM	500754106	325,230	10,122,319 SH	SOLE	1	10,122,319	0	0
KRATON CORP	COM	50077C106	573	22,641 SH	SOLE	1	22,641	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,016	56,436 SH	SOLE	1	56,436	0	0
KROGER CO	COM	501044101	9,498	327,641 SH	SOLE	1	327,641	0	0
KRONOS WORLDWIDE INC	COM	50105F105	190	14,186 SH	SOLE	1	14,186	0	0
KRYSTAL BIOTECH INC	COM	501147102	364	6,573 SH	SOLE	1	6,573	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	165	6,077 SH	SOLE	1	6,077	0	0
KURA ONCOLOGY INC	COM	50127T109	295	21,489 SH	SOLE	1	21,489	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	54	2,106 SH	SOLE	1	2,106	0	0
KVH INDUSTRIES INC	COM	482738101	114	10,278 SH	SOLE	1	10,278	0	0
L BRANDS INC	COM	501797104	1,451	80,088 SH	SOLE	1	80,088	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	15,388	77,768 SH	SOLE	1	77,768	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	51	12,970 SH	SOLE	1	12,970	0	0
LA Z BOY INC	COM	505336107	1,024	32,539 SH	SOLE	1	32,539	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,136	48,096 SH	SOLE	1	48,096	0	0
LADDER CAPITAL CORP REIT	COM	505743104	1,163	64,475 SH	SOLE	1	64,475	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	259	74,387 SH	SOLE	1	74,387	0	0
LAKELAND BANCORP INC	COM	511637100	530	30,518 SH	SOLE	1	30,518	0	0
LAKELAND FINANCIAL CORP	COM	511656100	755	15,432 SH	SOLE	1	15,432	0	0

LAM RESEARCH CORP	COM	512807108	19,134	65,438 SH	SOLE	1	65,438	0	0
LAMAR ADVERTISING CO A	COM	512816109	18,109	202,876 SH	SOLE	1	202,876	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,741	55,106 SH	SOLE	1	55,106	0	0
LANCASTER COLONY CORP	COM	513847103	7,960	49,720 SH	SOLE	1	49,720	0	0
LANDEC CORP	COM	514766104	183	16,217 SH	SOLE	1	16,217	0	0
LANDS END INC	COM	51509F105	112	6,651 SH	SOLE	1	6,651	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,704	76,435 SH	SOLE	1	76,435	0	0
LANNETT CO INC	COM	516012101	208	23,552 SH	SOLE	1	23,552	0	0
LANTHEUS HOLDINGS INC	COM	516544103	573	27,918 SH	SOLE	1	27,918	0	0
LAREDO PETROLEUM INC	COM	516806106	374	130,261 SH	SOLE	1	130,261	0	0
LAS VEGAS SANDS CORP	COM	517834107	347,234	5,029,459 SH	SOLE	1	5,029,459	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,512	79,005 SH	SOLE	1	79,005	0	0
LAUREATE EDUCATION INC A	COM	518613203	2,258	128,218 SH	SOLE	1	128,218	0	0
LAWSON PRODUCTS INC	COM	520776105	136	2,615 SH	SOLE	1	2,615	0	0
LAZARD LTD CL A	CL A	G54050102	77	1,925 SH	SOLE	1	1,925	0	0
LCI INDUSTRIES	COM	50189K103	1,894	17,680 SH	SOLE	1	17,680	0	0
LCNB CORPORATION	COM	50181P100	147	7,611 SH	SOLE	1	7,611	0	0
LEAF GROUP LTD	COM	52177G102	44	10,968 SH	SOLE	1	10,968	0	0
LEAR CORP	COM	521865204	16,754	122,117 SH	SOLE	1	122,117	0	0
LEE ENTERPRISES	COM	523768109	48	33,528 SH	SOLE	1	33,528	0	0
LEGACY HOUSING CORP	COM	52472M101	60	3,615 SH	SOLE	1	3,615	0	0
LEGG MASON INC	COM	524901105	9,956	277,256 SH	SOLE	1	277,256	0	0
LEGGETT & PLATT INC	COM	524660107	2,301	45,274 SH	SOLE	1	45,274	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,464	45,599 SH	SOLE	1	45,599	0	0
LEMAITRE VASCULAR INC	COM	525558201	427	11,869 SH	SOLE	1	11,869	0	0
LENDINGCLUB CORP	COM	52603A208	1,162	92,099 SH	SOLE	1	92,099	0	0
LENDINGTREE INC	COM	52603B107	4,509	14,861 SH	SOLE	1	14,861	0	0
LENNAR CORP B SHS	COM	526057302	13	296 SH	SOLE	1	296	0	0
LENNAR CORP A	COM	526057104	6,180	110,773 SH	SOLE	1	110,773	0	0
LENNOX INTERNATIONAL INC	COM	526107107	16,570	67,918 SH	SOLE	1	67,918	0	0
LEVEL ONE BANCORP INC	COM	52730D208	81	3,223 SH	SOLE	1	3,223	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	108	25,988 SH	SOLE	1	25,988	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,861	175,191 SH	SOLE	1	175,191	0	0
LGI HOMES INC	COM	50187T106	1,022	14,459 SH	SOLE	1	14,459	0	0
LHC GROUP INC	COM	50187A107	2,988	21,690 SH	SOLE	1	21,690	0	0
LIBERTY BROADBAND A	COM	530307107	48	385 SH	SOLE	1	385	0	0
LIBERTY BROADBAND C	COM	530307305	208	1,655 SH	SOLE	1	1,655	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	619	28,408 SH	SOLE	1	28,408	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	267	11,752 SH	SOLE	1	11,752	0	0

LIBERTY LATIN AMERIC CL A	CL A	G9001E102	559	28,961	SH	SOLE	1	28,961	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,387	71,291	SH	SOLE	1	71,291	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	64	1,324	SH	SOLE	1	1,324	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	117	2,421	SH	SOLE	1	2,421	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	185	6,229	SH	SOLE	1	6,229	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	667	22,567	SH	SOLE	1	22,567	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	17	390	SH	SOLE	1	390	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	142	3,096	SH	SOLE	1	3,096	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	371	33,327	SH	SOLE	1	33,327	0	0
LIBERTY PROPERTY TRUST	COM	531172104	18,283	304,455	SH	SOLE	1	304,455	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	334	45,474	SH	SOLE	1	45,474	0	0
LIFE STORAGE INC	COM	53223X107	9,748	90,028	SH	SOLE	1	90,028	0	0
LIFETIME BRANDS INC	COM	53222Q103	52	7,428	SH	SOLE	1	7,428	0	0
LIFEVANTAGE CORP	COM	53222K205	134	8,614	SH	SOLE	1	8,614	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,624	44,339	SH	SOLE	1	44,339	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	289	70,923	SH	SOLE	1	70,923	0	0
LIMONEIRA CO	COM	532746104	188	9,793	SH	SOLE	1	9,793	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	11,454	118,417	SH	SOLE	1	118,417	0	0
LINCOLN NATIONAL CORP	COM	534187109	4,779	80,984	SH	SOLE	1	80,984	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	235	14,374	SH	SOLE	1	14,374	0	0
LINDE PLC	COM	G5494J103	42,361	198,973	SH	SOLE	1	198,973	0	0
LINDSAY CORP	COM	535555106	749	7,798	SH	SOLE	1	7,798	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	60	67,720	SH	SOLE	1	67,720	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	8	788	SH	SOLE	1	788	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	18	1,780	SH	SOLE	1	1,780	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	36	8,404	SH	SOLE	1	8,404	0	0
LIQUIDITY SERVICES INC	COM	53635B107	118	19,732	SH	SOLE	1	19,732	0	0
LITHIA MOTORS INC CL A	CL A	536797103	2,384	16,215	SH	SOLE	1	16,215	0	0
LITTELFUSE INC	COM	537008104	8,991	47,002	SH	SOLE	1	47,002	0	0
LIVANOVA PLC	COM	G5509L101	9,282	123,057	SH	SOLE	1	123,057	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,525	49,320	SH	SOLE	1	49,320	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	311	16,366	SH	SOLE	1	16,366	0	0
LIVENT CORP	COM	53814L108	905	105,844	SH	SOLE	1	105,844	0	0
LIVEPERSON INC	COM	538146101	1,657	44,790	SH	SOLE	1	44,790	0	0

LIVERAMP HOLDINGS INC	COM	53815P108	8,247	171,566	SH	SOLE	1	171,566	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	32	20,450	SH	SOLE	1	20,450	0	0
LIVONGO HEALTH INC	COM	539183103	232	9,239	SH	SOLE	1	9,239	0	0
LKQ CORP	COM	501889208	4,456	124,811	SH	SOLE	1	124,811	0	0
LOCKHEED MARTIN CORP	COM	539830109	44,815	115,094	SH	SOLE	1	115,094	0	0
LOEWS CORP	COM	540424108	6,476	123,375	SH	SOLE	1	123,375	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	37	5,201	SH	SOLE	1	5,201	0	0
LOGMEIN INC	COM	54142L109	8,078	94,213	SH	SOLE	1	94,213	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	260	8,038	SH	SOLE	1	8,038	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,866	298,831	SH	SOLE	1	298,831	0	0
LOVESAC CO/THE	COM	54738L109	88	5,500	SH	SOLE	1	5,500	0	0
LOWE S COS INC	COM	548661107	34,057	284,376	SH	SOLE	1	284,376	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	177	1,919	SH	SOLE	1	1,919	0	0
LSB INDUSTRIES INC	COM	502160104	68	16,178	SH	SOLE	1	16,178	0	0
LTC PROPERTIES INC	COM	502175102	1,275	28,468	SH	SOLE	1	28,468	0	0
LULULEMON ATHLETICA INC	COM	550021109	2,488	10,738	SH	SOLE	1	10,738	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	201	20,612	SH	SOLE	1	20,612	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	15,558	196,196	SH	SOLE	1	196,196	0	0
LUMINEX CORP	COM	55027E102	702	30,331	SH	SOLE	1	30,331	0	0
LUTHER BURBANK CORP	COM	550550107	144	12,498	SH	SOLE	1	12,498	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	318	17,171	SH	SOLE	1	17,171	0	0
LYDALL INC	COM	550819106	254	12,357	SH	SOLE	1	12,357	0	0
LYFT INC A	COM	55087P104	23	538	SH	SOLE	1	538	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	329,476	3,487,255	SH	SOLE	1	3,487,255	0	0
M & T BANK CORP	COM	55261F104	9,473	55,805	SH	SOLE	1	55,805	0	0
M/I HOMES INC	COM	55305B101	774	19,672	SH	SOLE	1	19,672	0	0
MACATAWA BANK CORP	COM	554225102	181	16,287	SH	SOLE	1	16,287	0	0
MACERICH CO/THE	COM	554382101	5,738	213,139	SH	SOLE	1	213,139	0	0
MACK CALI REALTY CORP	COM	554489104	5,264	227,596	SH	SOLE	1	227,596	0	0
MACKINAC FINANCIAL CORP	COM	554571109	101	5,773	SH	SOLE	1	5,773	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	765	28,773	SH	SOLE	1	28,773	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	49	1,151	SH	SOLE	1	1,151	0	0
MACROGENICS INC	COM	556099109	325	29,846	SH	SOLE	1	29,846	0	0
MACY S INC	COM	55616P104	321,259	18,897,586	SH	SOLE	1	18,897,586	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	89	304	SH	SOLE	1	304	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	446	4,893	SH	SOLE	1	4,893	0	0
MAGELLAN HEALTH INC	COM	559079207	1,239	15,830	SH	SOLE	1	15,830	0	0

MAGENTA THERAPEUTICS INC	COM	55910K108	182	12,030	SH	SOLE	1	12,030	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	796	63,285	SH	SOLE	1	63,285	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	102	4,446	SH	SOLE	1	4,446	0	0
MAJESCO	COM	56068V102	39	4,750	SH	SOLE	1	4,750	0	0
MALIBU BOATS INC A	COM	56117J100	523	12,778	SH	SOLE	1	12,778	0	0
MALLINCKRODT PLC	COM	G5785G107	184	52,622	SH	SOLE	1	52,622	0	0
MALVERN BANCORP INC	COM	561409103	109	4,730	SH	SOLE	1	4,730	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	18	8,138	SH	SOLE	1	8,138	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	9,876	123,831	SH	SOLE	1	123,831	0	0
MANITOWOC COMPANY INC	COM	563571405	385	21,972	SH	SOLE	1	21,972	0	0
MANNKIND CORP	COM	56400P706	151	117,413	SH	SOLE	1	117,413	0	0
MANPOWERGROUP INC	COM	56418H100	11,949	123,058	SH	SOLE	1	123,058	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,546	19,351	SH	SOLE	1	19,351	0	0
MARATHON OIL CORP	COM	565849106	4,843	356,655	SH	SOLE	1	356,655	0	0
MARATHON PETROLEUM CORP	COM	56585A102	12,559	208,444	SH	SOLE	1	208,444	0	0
MARCHEX INC CLASS B	COM	56624R108	85	22,478	SH	SOLE	1	22,478	0	0
MARCUS & MILLICHAP INC	COM	566324109	620	16,631	SH	SOLE	1	16,631	0	0
MARCUS CORPORATION	COM	566330106	515	16,212	SH	SOLE	1	16,212	0	0
MARINE PRODUCTS CORP	COM	568427108	67	4,626	SH	SOLE	1	4,626	0	0
MARINEMAX INC	COM	567908108	255	15,257	SH	SOLE	1	15,257	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	70	32,207	SH	SOLE	1	32,207	0	0
MARKEL CORP	COM	570535104	262	229	SH	SOLE	1	229	0	0
MARKER THERAPEUTICS INC	COM	57055L107	49	16,968	SH	SOLE	1	16,968	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	5,104	13,462	SH	SOLE	1	13,462	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	119	5,403	SH	SOLE	1	5,403	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	16,857	111,316	SH	SOLE	1	111,316	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	12,562	97,564	SH	SOLE	1	97,564	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	33	32,490	SH	SOLE	1	32,490	0	0
MARSH & MCLENNAN COS	COM	571748102	21,200	190,285	SH	SOLE	1	190,285	0	0
MARTEN TRANSPORT LTD	COM	573075108	608	28,290	SH	SOLE	1	28,290	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	7,197	25,735	SH	SOLE	1	25,735	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	273	10,284	SH	SOLE	1	10,284	0	0
MASCO CORP	COM	574599106	4,747	98,912	SH	SOLE	1	98,912	0	0
MASIMO CORP	COM	574795100	15,018	95,016	SH	SOLE	1	95,016	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,114	15,426	SH	SOLE	1	15,426	0	0

MASTEC INC	COM	576323109	9,818	153,024	SH	SOLE	1	153,024	0	0
MASTERCARD INC A	COM	57636Q104	100,421	336,316	SH	SOLE	1	336,316	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	182	11,528	SH	SOLE	1	11,528	0	0
MATADOR RESOURCES CO	COM	576485205	5,021	279,425	SH	SOLE	1	279,425	0	0
MATCH GROUP INC	COM	57665R106	105	1,284	SH	SOLE	1	1,284	0	0
MATERION CORP	COM	576690101	872	14,668	SH	SOLE	1	14,668	0	0
MATRIX SERVICE CO	COM	576853105	445	19,438	SH	SOLE	1	19,438	0	0
MATSON INC	COM	57686G105	1,254	30,729	SH	SOLE	1	30,729	0	0
MATTEL INC	COM	577081102	9,091	670,917	SH	SOLE	1	670,917	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	852	22,313	SH	SOLE	1	22,313	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	48	4,228	SH	SOLE	1	4,228	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	586	37,425	SH	SOLE	1	37,425	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	6,814	110,773	SH	SOLE	1	110,773	0	0
MAXIMUS INC	COM	577933104	12,074	162,310	SH	SOLE	1	162,310	0	0
MAXLINEAR INC	COM	57776J100	1,011	47,622	SH	SOLE	1	47,622	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	37	3,949	SH	SOLE	1	3,949	0	0
MBIA INC	COM	55262C100	438	47,114	SH	SOLE	1	47,114	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	8,425	49,639	SH	SOLE	1	49,639	0	0
MCDERMOTT INTL INC	COM	580037703	89	131,071	SH	SOLE	1	131,071	0	0
MCDONALD S CORP	COM	580135101	62,781	317,703	SH	SOLE	1	317,703	0	0
MCGRATH RENTCORP	COM	580589109	1,160	15,161	SH	SOLE	1	15,161	0	0
MCKESSON CORP	COM	58155Q103	10,029	72,509	SH	SOLE	1	72,509	0	0
MDC HOLDINGS INC	COM	552676108	1,390	36,429	SH	SOLE	1	36,429	0	0
MDC PARTNERS INC A	COM	552697104	98	35,425	SH	SOLE	1	35,425	0	0
MDU RESOURCES GROUP INC	COM	552690109	11,488	386,667	SH	SOLE	1	386,667	0	0
MEDALLIA INC	COM	584021109	11	342	SH	SOLE	1	342	0	0
MEDALLION FINANCIAL CORP	COM	583928106	94	12,920	SH	SOLE	1	12,920	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	21,073	998,231	SH	SOLE	1	998,231	0	0
MEDICINES COMPANY	COM	584688105	4,625	54,445	SH	SOLE	1	54,445	0	0
MEDICINOVA INC	COM	58468P206	177	26,245	SH	SOLE	1	26,245	0	0
MEDIFAST INC	COM	58470H101	882	8,053	SH	SOLE	1	8,053	0	0
MEDNAX INC	COM	58502B106	4,520	162,649	SH	SOLE	1	162,649	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,674	19,909	SH	SOLE	1	19,909	0	0
MEDTRONIC PLC	COM	G5960L103	53,978	475,783	SH	SOLE	1	475,783	0	0
MEET GROUP INC/THE	COM	58513U101	217	43,276	SH	SOLE	1	43,276	0	0
MEI PHARMA INC	COM	55279B202	109	44,089	SH	SOLE	1	44,089	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	215	10,721	SH	SOLE	1	10,721	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	568	23,513	SH	SOLE	1	23,513	0	0

MENLO THERAPEUTICS INC	COM	586858102	45	9,699	SH	SOLE	1	9,699	0	0
MERCADOLIBRE INC	COM	58733R102	1,841	3,218	SH	SOLE	1	3,218	0	0
MERCANTILE BANK CORP	COM	587376104	366	10,047	SH	SOLE	1	10,047	0	0
MERCER INTERNATIONAL INC	COM	588056101	47	3,837	SH	SOLE	1	3,837	0	0
MERCHANTS BANCORP/IN	COM	58844R108	106	5,398	SH	SOLE	1	5,398	0	0
MERCK & CO. INC.	COM	58933Y105	75,760	832,988	SH	SOLE	1	832,988	0	0
MERCURY GENERAL CORP	COM	589400100	2,551	52,351	SH	SOLE	1	52,351	0	0
MERCURY SYSTEMS INC	COM	589378108	9,695	140,288	SH	SOLE	1	140,288	0	0
MEREDITH CORP	COM	589433101	3,308	101,879	SH	SOLE	1	101,879	0	0
MERIDIAN BANCORP INC	COM	58958U103	604	30,044	SH	SOLE	1	30,044	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	298	30,469	SH	SOLE	1	30,469	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,213	38,844	SH	SOLE	1	38,844	0	0
MERITAGE HOMES CORP	COM	59001A102	1,597	26,139	SH	SOLE	1	26,139	0	0
MERITOR INC	COM	59001K100	1,231	47,012	SH	SOLE	1	47,012	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	129	22,488	SH	SOLE	1	22,488	0	0
MESA AIR GROUP INC	COM	590479135	116	13,029	SH	SOLE	1	13,029	0	0
MESA LABORATORIES INC	COM	59064R109	720	2,888	SH	SOLE	1	2,888	0	0
META FINANCIAL GROUP INC	COM	59100U108	928	25,425	SH	SOLE	1	25,425	0	0
METHODE ELECTRONICS INC	COM	591520200	1,040	26,442	SH	SOLE	1	26,442	0	0
METLIFE INC	COM	59156R108	12,790	250,935	SH	SOLE	1	250,935	0	0
METROCITY BANKSHARES INC	COM	59165J105	174	9,945	SH	SOLE	1	9,945	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	212	4,393	SH	SOLE	1	4,393	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,475	9,423	SH	SOLE	1	9,423	0	0
MFA FINANCIAL INC	COM	55272X102	54	7,035	SH	SOLE	1	7,035	0	0
MGE ENERGY INC	COM	55277P104	1,723	21,859	SH	SOLE	1	21,859	0	0
MGIC INVESTMENT CORP	COM	552848103	1,969	138,959	SH	SOLE	1	138,959	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,892	177,087	SH	SOLE	1	177,087	0	0
MGP INGREDIENTS INC	COM	55303J106	455	9,401	SH	SOLE	1	9,401	0	0
MICHAELS COS INC/THE	COM	59408Q106	484	59,859	SH	SOLE	1	59,859	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	10,981	104,861	SH	SOLE	1	104,861	0	0
MICRON TECHNOLOGY INC	COM	595112103	26,718	496,806	SH	SOLE	1	496,806	0	0
MICROSOFT CORP	COM	594918104	500,610	3,174,447	SH	SOLE	1	3,174,447	0	0
MICROSTRATEGY INC CL A	CL A	594972408	852	5,970	SH	SOLE	1	5,970	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	5,287	40,092	SH	SOLE	1	40,092	0	0
MID PENN BANCORP INC	COM	59540G107	124	4,316	SH	SOLE	1	4,316	0	0
MIDDLEBY CORP	COM	596278101	142	1,299	SH	SOLE	1	1,299	0	0
MIDDLESEX WATER CO	COM	596680108	646	10,163	SH	SOLE	1	10,163	0	0

MIDLAND STATES BANCORP INC	COM	597742105	398	13,736 SH	SOLE	1	13,736	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	269	7,431 SH	SOLE	1	7,431	0	0
MILLENDO THERAPEUTICS INC	COM	60040X103	40	5,881 SH	SOLE	1	5,881	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	257	6,920 SH	SOLE	1	6,920	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	5,103	88,544 SH	SOLE	1	88,544	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	132	18,516 SH	SOLE	1	18,516	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	2,198	17,056 SH	SOLE	1	17,056	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	41	1,684 SH	SOLE	1	1,684	0	0
MISONIX INC	COM	604871103	94	5,027 SH	SOLE	1	5,027	0	0
MISTRAS GROUP INC	COM	60649T107	161	11,271 SH	SOLE	1	11,271	0	0
MITEK SYSTEMS INC	COM	606710200	179	23,404 SH	SOLE	1	23,404	0	0
MKS INSTRUMENTS INC	COM	55306N104	11,572	105,193 SH	SOLE	1	105,193	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	96	3,011 SH	SOLE	1	3,011	0	0
MOBILE MINI INC	COM	60740F105	1,202	31,712 SH	SOLE	1	31,712	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	67	6,595 SH	SOLE	1	6,595	0	0
MOBILEIRON INC	COM	60739U204	300	61,711 SH	SOLE	1	61,711	0	0
MODEL N INC	COM	607525102	724	20,649 SH	SOLE	1	20,649	0	0
MODERNA INC	COM	60770K107	90	4,625 SH	SOLE	1	4,625	0	0
MODINE MANUFACTURING CO	COM	607828100	239	31,013 SH	SOLE	1	31,013	0	0
MOELIS & CO CLASS A	COM	60786M105	949	29,737 SH	SOLE	1	29,737	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,730	20,017 SH	SOLE	1	20,017	0	0
MOLECULAR TEMPLATES INC	COM	608550109	149	10,661 SH	SOLE	1	10,661	0	0
MOLINA HEALTHCARE INC	COM	60855R100	17,007	125,334 SH	SOLE	1	125,334	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,398	63,036 SH	SOLE	1	63,036	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,432	72,578 SH	SOLE	1	72,578	0	0
MOMO INC SPON ADR	ADR	60879B107	60	1,780 SH	SOLE	1	1,780	0	0
MONARCH CASINO & RESORT INC	COM	609027107	400	8,244 SH	SOLE	1	8,244	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,593	555,427 SH	SOLE	1	555,427	0	0
MONEYGRAM INTL INC	COM NEW	60935Y208	49	23,384 SH	SOLE	2	23,384	0	0
MONGODB INC	COM	60937P106	129	978 SH	SOLE	1	978	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	980	67,685 SH	SOLE	1	67,685	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	13,941	78,312 SH	SOLE	1	78,312	0	0
MONRO INC	COM	610236101	1,848	23,635 SH	SOLE	1	23,635	0	0
MONSTER BEVERAGE CORP	COM	61174X109	11,382	179,110 SH	SOLE	1	179,110	0	0

MONTAGE RESOURCES CORP	COM	61179L100	106	13,395	SH	SOLE	1	13,395	0	0
MOODY S CORP	COM	615369105	15,825	66,655	SH	SOLE	1	66,655	0	0
MOOG INC CLASS A	COM	615394202	1,982	23,226	SH	SOLE	1	23,226	0	0
MORGAN STANLEY	COM	617446448	20,187	394,894	SH	SOLE	1	394,894	0	0
MORNINGSTAR INC	COM	617700109	70	460	SH	SOLE	1	460	0	0
MORPHIC HOLDING INC	COM	61775R105	53	3,096	SH	SOLE	1	3,096	0	0
MOSAIC CO/THE	COM	61945C103	2,962	136,857	SH	SOLE	1	136,857	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	298	13,524	SH	SOLE	1	13,524	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	10,303	63,941	SH	SOLE	1	63,941	0	0
MOVADO GROUP INC	COM	624580106	248	11,430	SH	SOLE	1	11,430	0	0
MR COOPER GROUP INC	COM	62482R107	596	47,662	SH	SOLE	1	47,662	0	0
MRC GLOBAL INC	COM	55345K103	672	49,271	SH	SOLE	1	49,271	0	0
MSA SAFETY INC	COM	553498106	11,414	90,333	SH	SOLE	1	90,333	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,820	86,911	SH	SOLE	1	86,911	0	0
MSCI INC	COM	55354G100	8,868	34,350	SH	SOLE	1	34,350	0	0
MSG NETWORKS INC A	COM	553573106	468	26,905	SH	SOLE	1	26,905	0	0
MTS SYSTEMS CORP	COM	553777103	622	12,953	SH	SOLE	1	12,953	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,276	40,195	SH	SOLE	1	40,195	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,178	98,296	SH	SOLE	1	98,296	0	0
MURPHY OIL CORP	COM	626717102	7,728	288,346	SH	SOLE	1	288,346	0	0
MURPHY USA INC	COM	626755102	8,612	73,607	SH	SOLE	1	73,607	0	0
MUSTANG BIO INC	COM	62818Q104	71	17,432	SH	SOLE	1	17,432	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	145	3,667	SH	SOLE	1	3,667	0	0
MVB FINANCIAL CORP	COM	553810102	150	6,001	SH	SOLE	1	6,001	0	0
MYERS INDUSTRIES INC	COM	628464109	427	25,617	SH	SOLE	1	25,617	0	0
MYLAN NV	COM	N59465109	3,493	173,757	SH	SOLE	1	173,757	0	0
MYOKARDIA INC	COM	62857M105	2,028	27,822	SH	SOLE	1	27,822	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	381	11,677	SH	SOLE	1	11,677	0	0
MYRIAD GENETICS INC	COM	62855J104	1,407	51,664	SH	SOLE	1	51,664	0	0
N B T BANCORP INC	COM	628778102	1,255	30,933	SH	SOLE	1	30,933	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	729	253,223	SH	SOLE	1	253,223	0	0
NACCO INDUSTRIES CL A	CL A	629579103	108	2,310	SH	SOLE	1	2,310	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	582	20,932	SH	SOLE	1	20,932	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	213	7,244	SH	SOLE	1	7,244	0	0
NASDAQ INC	COM	631103108	8,210	76,658	SH	SOLE	1	76,658	0	0
NATERA INC	COM	632307104	1,315	39,029	SH	SOLE	1	39,029	0	0
NATHAN S FAMOUS INC	COM	632347100	130	1,834	SH	SOLE	1	1,834	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	756	21,462	SH	SOLE	1	21,462	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	178	3,956	SH	SOLE	1	3,956	0	0

NATIONAL BEVERAGE CORP	COM	635017106	434	8,511 SH	SOLE	1	8,511	0	0
NATIONAL CINEMEDIA INC	COM	635309107	284	39,017 SH	SOLE	1	39,017	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	135	14,855 SH	SOLE	1	14,855	0	0
NATIONAL FUEL GAS CO	COM	636180101	7,750	166,530 SH	SOLE	1	166,530	0	0
NATIONAL GENERAL HLDGS	COM	636220303	938	42,446 SH	SOLE	1	42,446	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	662	7,654 SH	SOLE	1	7,654	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,649	227,887 SH	SOLE	1	227,887	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	3,867	154,373 SH	SOLE	1	154,373	0	0
NATIONAL PRESTO INDS INC	COM	637215104	318	3,598 SH	SOLE	1	3,598	0	0
NATIONAL RESEARCH CORP	COM	637372202	497	7,533 SH	SOLE	1	7,533	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	17,905	333,915 SH	SOLE	1	333,915	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,441	42,852 SH	SOLE	1	42,852	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,591	49,065 SH	SOLE	1	49,065	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	416	1,429 SH	SOLE	1	1,429	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	2,325	28,533 SH	SOLE	1	28,533	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	98	8,021 SH	SOLE	1	8,021	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	56	5,676 SH	SOLE	1	5,676	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	49	5,477 SH	SOLE	1	5,477	0	0
NATUS MEDICAL INC	COM	639050103	805	24,393 SH	SOLE	1	24,393	0	0
NAVIENT CORP	COM	63938C108	5,137	375,525 SH	SOLE	1	375,525	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	899	31,053 SH	SOLE	1	31,053	0	0
NCR CORPORATION	COM	62886E108	8,687	247,069 SH	SOLE	1	247,069	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	15	7,193 SH	SOLE	1	7,193	0	0
NEENAH INC	COM	640079109	852	12,095 SH	SOLE	1	12,095	0	0
NEKTAR THERAPEUTICS	COM	640268108	7,655	354,662 SH	SOLE	1	354,662	0	0
NELNET INC CL A	CL A	64031N108	653	11,210 SH	SOLE	1	11,210	0	0
NEOGEN CORP	COM	640491106	2,423	37,131 SH	SOLE	1	37,131	0	0
NEOGENOMICS INC	COM	64049M209	2,039	69,709 SH	SOLE	1	69,709	0	0
NEON THERAPEUTICS INC	COM	64050Y100	10	8,854 SH	SOLE	1	8,854	0	0
NEOPHOTONICS CORP	COM	64051T100	217	24,652 SH	SOLE	1	24,652	0	0
NETAPP INC	COM	64110D104	316,966	5,091,816 SH	SOLE	1	5,091,816	0	0
NETEASE INC ADR	ADR	64110W102	1,749	5,703 SH	SOLE	1	5,703	0	0
NETFLIX INC	COM	64110L106	62,130	192,014 SH	SOLE	1	192,014	0	0
NETGEAR INC	COM	64111Q104	528	21,546 SH	SOLE	1	21,546	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,117	171,047 SH	SOLE	1	171,047	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	228	2,119 SH	SOLE	1	2,119	0	0

NEURONETICS INC	COM	64131A105	38	8,354 SH	SOLE	1	8,354	0	0
NEVRO CORP	COM	64157F103	2,202	18,730 SH	SOLE	1	18,730	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	85	46,963 SH	SOLE	1	46,963	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,627	238,431 SH	SOLE	1	238,431	0	0
NEW ORIENTAL EDUC SP ADR	ADR	647581107	243	2,001 SH	SOLE	1	2,001	0	0
NEW RELIC INC	COM	64829B100	76	1,162 SH	SOLE	1	1,162	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	105	6,504 SH	SOLE	1	6,504	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	401	52,433 SH	SOLE	1	52,433	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,839	901,730 SH	SOLE	1	901,730	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,201	192,712 SH	SOLE	1	192,712	0	0
NEW YORK TIMES CO A	COM	650111107	8,942	277,957 SH	SOLE	1	277,957	0	0
NEWELL BRANDS INC	COM	651229106	2,865	149,059 SH	SOLE	1	149,059	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	1,210	89,929 SH	SOLE	1	89,929	0	0
NEWMARKET CORP	COM	651587107	6,954	14,293 SH	SOLE	1	14,293	0	0
NEWMONT GOLDCORP CORP	COM	651639106	11,993	276,015 SH	SOLE	1	276,015	0	0
NEWPARK RESOURCES INC	COM	651718504	403	64,310 SH	SOLE	1	64,310	0	0
NEWS CORP CLASS A	COM	65249B109	1,849	130,762 SH	SOLE	1	130,762	0	0
NEWS CORP CLASS B	COM	65249B208	595	40,992 SH	SOLE	1	40,992	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	559	12,415 SH	SOLE	1	12,415	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	114	971 SH	SOLE	1	971	0	0
NEXTCURE INC	COM	65343E108	497	8,817 SH	SOLE	1	8,817	0	0
NEXTDECADE CORP	COM	65342K105	48	7,859 SH	SOLE	1	7,859	0	0
NEXTERA ENERGY INC	COM	65339F101	38,699	159,806 SH	SOLE	1	159,806	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	625	38,885 SH	SOLE	1	38,885	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	669	99,779 SH	SOLE	1	99,779	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	283	15,289 SH	SOLE	1	15,289	0	0
NI HOLDINGS INC	COM	65342T106	103	5,975 SH	SOLE	1	5,975	0	0
NIC INC	COM	62914B100	1,064	47,595 SH	SOLE	1	47,595	0	0
NICOLET BANKSHARES INC	COM	65406E102	432	5,856 SH	SOLE	1	5,856	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,981	146,831 SH	SOLE	1	146,831	0	0
NIKE INC CL B	COM	654106103	41,471	409,348 SH	SOLE	1	409,348	0	0
NINE ENERGY SERVICE INC	COM	65441V101	78	9,952 SH	SOLE	1	9,952	0	0
NIO INC ADR	ADR	62914V106	30	7,500 SH	SOLE	1	7,500	0	0
NISOURCE INC	COM	65473P105	3,821	137,265 SH	SOLE	1	137,265	0	0
NL INDUSTRIES	COM	629156407	20	5,239 SH	SOLE	1	5,239	0	0
NLIGHT INC	COM	65487K100	420	20,695 SH	SOLE	1	20,695	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,570	47,306 SH	SOLE	1	47,306	0	0

NN INC	COM	629337106	243	26,271	SH	SOLE	1	26,271	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	11	300	SH	SOLE	1	300	0	0
NOBLE CORP PLC	COM	G65431101	219	179,259	SH	SOLE	1	179,259	0	0
NOBLE ENERGY INC	COM	655044105	4,995	201,096	SH	SOLE	1	201,096	0	0
NOODLES & CO	COM	65540B105	99	17,879	SH	SOLE	1	17,879	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	429	87,246	SH	SOLE	1	87,246	0	0
NORDSON CORP	COM	655663102	16,161	99,247	SH	SOLE	1	99,247	0	0
NORDSTROM INC	COM	655664100	2,584	63,124	SH	SOLE	1	63,124	0	0
NORFOLK SOUTHERN CORP	COM	655844108	18,900	97,360	SH	SOLE	1	97,360	0	0
NORTHEAST BANK	COM	66405S100	114	5,172	SH	SOLE	1	5,172	0	0
NORTHERN OIL AND GAS INC	COM	665531109	435	185,723	SH	SOLE	1	185,723	0	0
NORTHERN TRUST CORP	COM	665859104	9,221	86,798	SH	SOLE	1	86,798	0	0
NORTHFIELD BANCORP INC	COM	66611T108	534	31,485	SH	SOLE	1	31,485	0	0
NORTHRIM BANCORP INC	COM	666762109	155	4,039	SH	SOLE	1	4,039	0	0
NORTHROP GRUMMAN CORP	COM	666807102	17,911	52,070	SH	SOLE	1	52,070	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,205	72,469	SH	SOLE	1	72,469	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,612	21,864	SH	SOLE	1	21,864	0	0
NORTHWEST PIPE CO	COM	667746101	200	5,992	SH	SOLE	1	5,992	0	0
NORTHWESTERN CORP	COM	668074305	9,195	128,294	SH	SOLE	1	128,294	0	0
NORTONLIFELOCK INC	COM	668771108	5,031	197,138	SH	SOLE	1	197,138	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	4,206	72,005	SH	SOLE	1	72,005	0	0
NORWOOD FINANCIAL CORP	COM	669549107	141	3,615	SH	SOLE	1	3,615	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,299	144,944	SH	SOLE	1	144,944	0	0
NOVANTA INC	COM	67000B104	1,865	21,089	SH	SOLE	1	21,089	0	0
NOVAVAX INC	COM	670002401	66	16,638	SH	SOLE	1	16,638	0	0
NOVOCURE LTD	COM	G6674U108	4,584	54,400	SH	SOLE	1	54,400	0	0
NOW INC	COM	67011P100	3,103	276,096	SH	SOLE	1	276,096	0	0
NRG ENERGY INC	COM	629377508	4,959	124,743	SH	SOLE	1	124,743	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,393	107,190	SH	SOLE	1	107,190	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	80	4,485	SH	SOLE	1	4,485	0	0
NUCOR CORP	COM	670346105	10,463	185,911	SH	SOLE	1	185,911	0	0
NUTANIX INC A	COM	67059N108	103	3,282	SH	SOLE	1	3,282	0	0
NUVASIVE INC	COM	670704105	10,225	132,204	SH	SOLE	1	132,204	0	0
NV5 GLOBAL INC	COM	62945V109	327	6,485	SH	SOLE	1	6,485	0	0
NVE CORP	COM	629445206	213	2,988	SH	SOLE	1	2,988	0	0
NVENT ELECTRIC PLC	COM	G6700G107	7,681	300,268	SH	SOLE	1	300,268	0	0
NVIDIA CORP	COM	67066G104	61,770	262,518	SH	SOLE	1	262,518	0	0
NVR INC	COM	62944T105	4,696	1,233	SH	SOLE	1	1,233	0	0

NXP SEMICONDUCTORS NV	COM	N6596X109	7,411	58,235	SH	SOLE	1	58,235	0	0
O I GLASS INC	COM	67098H104	3,583	300,343	SH	SOLE	1	300,343	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	15,256	34,810	SH	SOLE	1	34,810	0	0
OAK VALLEY BANCORP	COM	671807105	83	4,285	SH	SOLE	1	4,285	0	0
OASIS PETROLEUM INC	COM	674215108	742	227,715	SH	SOLE	1	227,715	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	298,358	7,239,952	SH	SOLE	1	7,239,952	0	0
OCEANEERING INTL INC	COM	675232102	1,066	71,527	SH	SOLE	1	71,527	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	794	31,105	SH	SOLE	1	31,105	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	104	26,448	SH	SOLE	1	26,448	0	0
OCWEN FINANCIAL CORP	COM	675746309	116	84,336	SH	SOLE	1	84,336	0	0
ODONATE THERAPEUTICS INC	COM	676079106	238	7,343	SH	SOLE	1	7,343	0	0
OFFICE DEPOT INC	COM	676220106	1,403	512,111	SH	SOLE	1	512,111	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	1,109	34,499	SH	SOLE	1	34,499	0	0
OFG BANCORP	COM	67103X102	1,960	83,025	SH	SOLE	1	83,025	0	0
OGE ENERGY CORP	COM	670837103	17,180	386,319	SH	SOLE	1	386,319	0	0
OHIO VALLEY BANC CORP	COM	677719106	103	2,593	SH	SOLE	1	2,593	0	0
OIL DRI CORP OF AMERICA	COM	677864100	119	3,293	SH	SOLE	1	3,293	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	707	43,318	SH	SOLE	1	43,318	0	0
OKTA INC	COM	679295105	276	2,394	SH	SOLE	1	2,394	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	4,260	22,445	SH	SOLE	1	22,445	0	0
OLD NATIONAL BANCORP	COM	680033107	2,235	122,191	SH	SOLE	1	122,191	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,318	550,661	SH	SOLE	1	550,661	0	0
OLD SECOND BANCORP INC	COM	680277100	245	18,162	SH	SOLE	1	18,162	0	0
OLIN CORP	COM	680665205	5,317	308,229	SH	SOLE	1	308,229	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,917	105,917	SH	SOLE	1	105,917	0	0
OLYMPIC STEEL INC	COM	68162K106	119	6,651	SH	SOLE	1	6,651	0	0
OMEGA FLEX INC	COM	682095104	195	1,815	SH	SOLE	1	1,815	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	18,006	425,166	SH	SOLE	1	425,166	0	0
OMEROS CORP	COM	682143102	416	29,558	SH	SOLE	1	29,558	0	0
OMNICELL INC	COM	68213N109	2,449	29,967	SH	SOLE	1	29,967	0	0
OMNICOM GROUP	COM	681919106	339,805	4,194,088	SH	SOLE	1	4,194,088	0	0
OMNOVA SOLUTIONS INC	COM	682129101	277	27,437	SH	SOLE	1	27,437	0	0
ON DECK CAPITAL INC	COM	682163100	163	39,399	SH	SOLE	1	39,399	0	0
ON SEMICONDUCTOR CORP	COM	682189105	156	6,394	SH	SOLE	1	6,394	0	0
ONCOCYTE CORP	COM	68235C107	30	13,460	SH	SOLE	1	13,460	0	0
ONE GAS INC	COM	68235P108	12,508	133,676	SH	SOLE	1	133,676	0	0

ONE LIBERTY PROPERTIES INC	COM	682406103	265	9,738	SH	SOLE	1	9,738	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	43	1,022	SH	SOLE	1	1,022	0	0
ONEOK INC	COM	682680103	13,715	181,250	SH	SOLE	1	181,250	0	0
ONESPAN INC	COM	68287N100	405	23,634	SH	SOLE	1	23,634	0	0
ONSPA WORLD HOLDINGS LTD	COM	P73684113	479	28,439	SH	SOLE	1	28,439	0	0
ONTO INNOVATION INC	COM	683344105	1,273	34,843	SH	SOLE	1	34,843	0	0
OOMA INC	COM	683416101	164	12,428	SH	SOLE	1	12,428	0	0
OP BANCORP	COM	67109R109	85	8,217	SH	SOLE	1	8,217	0	0
OPKO HEALTH INC	COM	68375N103	355	241,456	SH	SOLE	1	241,456	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	108	4,540	SH	SOLE	1	4,540	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	164	5,977	SH	SOLE	1	5,977	0	0
OPTIMIZERX CORP	COM	68401U204	89	8,640	SH	SOLE	1	8,640	0	0
OPTINOSE INC	COM	68404V100	144	15,605	SH	SOLE	1	15,605	0	0
OPTION CARE HEALTH INC	COM	68404L102	288	77,136	SH	SOLE	1	77,136	0	0
OPUS BANK	COM	684000102	408	15,778	SH	SOLE	1	15,778	0	0
ORACLE CORP	COM	68389X105	40,970	773,318	SH	SOLE	1	773,318	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	357	44,431	SH	SOLE	1	44,431	0	0
ORBCOMM INC	COM	68555P100	193	45,782	SH	SOLE	1	45,782	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	232	39,656	SH	SOLE	1	39,656	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	33	6,844	SH	SOLE	1	6,844	0	0
ORIGIN BANCORP INC	COM	68621T102	453	11,964	SH	SOLE	1	11,964	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	728	37,741	SH	SOLE	1	37,741	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,852	24,854	SH	SOLE	1	24,854	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	143	6,336	SH	SOLE	1	6,336	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	607	13,141	SH	SOLE	1	13,141	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	263	5,592	SH	SOLE	1	5,592	0	0
OSHKOSH CORP	COM	688239201	12,432	131,344	SH	SOLE	1	131,344	0	0
OSI SYSTEMS INC	COM	671044105	1,230	12,207	SH	SOLE	1	12,207	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	35	4,946	SH	SOLE	1	4,946	0	0
OTTER TAIL CORP	COM	689648103	1,267	24,694	SH	SOLE	1	24,694	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,525	56,869	SH	SOLE	1	56,869	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	93	40,519	SH	SOLE	1	40,519	0	0
OVERSTOCK.COM INC	COM	690370101	119	16,837	SH	SOLE	1	16,837	0	0
OWENS & MINOR INC	COM	690732102	231	44,625	SH	SOLE	1	44,625	0	0
OWENS CORNING	COM	690742101	13,671	209,929	SH	SOLE	1	209,929	0	0
OXFORD INDUSTRIES INC	COM	691497309	909	12,052	SH	SOLE	1	12,052	0	0
OYSTER POINT PHARMA INC	COM	69242L106	86	3,523	SH	SOLE	1	3,523	0	0
P G & E CORP	COM	69331C108	90	8,314	SH	SOLE	1	8,314	0	0

P.A.M. TRANSPORTATION SVCS	COM	693149106	69	1,193	SH	SOLE	1	1,193	0	0
PACCAR INC	COM	693718108	13,115	165,802	SH	SOLE	1	165,802	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	458	89,129	SH	SOLE	1	89,129	0	0
PACIFIC DRILLING SA	COM	L7257P205	76	18,693	SH	SOLE	1	18,693	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	99	12,180	SH	SOLE	1	12,180	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,373	42,105	SH	SOLE	1	42,105	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,344	29,662	SH	SOLE	1	29,662	0	0
PACKAGING CORP OF AMERICA	COM	695156109	5,184	46,289	SH	SOLE	1	46,289	0	0
PACWEST BANCORP	COM	695263103	11,406	298,036	SH	SOLE	1	298,036	0	0
PAGERDUTY INC	COM	69553P100	5	235	SH	SOLE	1	235	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	112	142,983	SH	SOLE	1	142,983	0	0
PALO ALTO NETWORKS INC	COM	697435105	508	2,197	SH	SOLE	1	2,197	0	0
PALOMAR HOLDINGS INC	COM	69753M105	396	7,842	SH	SOLE	1	7,842	0	0
PAMPA ENERGIA SA SPON ADR	ADR	697660207	12	719	SH	SOLE	1	719	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	108	9,605	SH	SOLE	1	9,605	0	0
PAPA JOHN S INTL INC	COM	698813102	3,539	56,045	SH	SOLE	1	56,045	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	598	25,713	SH	SOLE	1	25,713	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	223	7,242	SH	SOLE	1	7,242	0	0
PARAMOUNT GROUP INC	COM	69924R108	44	3,156	SH	SOLE	1	3,156	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	83	20,582	SH	SOLE	1	20,582	0	0
PARETEUM CORP	COM	69946T207	35	80,623	SH	SOLE	1	80,623	0	0
PARK AEROSPACE CORP	COM	70014A104	221	13,564	SH	SOLE	1	13,564	0	0
PARK HOTELS & RESORTS INC	COM	700517105	11,953	462,037	SH	SOLE	1	462,037	0	0
PARK NATIONAL CORP	COM	700658107	851	8,309	SH	SOLE	1	8,309	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	183	5,452	SH	SOLE	1	5,452	0	0
PARKE BANCORP INC	COM	700885106	143	5,638	SH	SOLE	1	5,638	0	0
PARKER DRILLING CO POST BANK	COM	701081507	131	5,838	SH	SOLE	1	5,838	0	0
PARKER HANNIFIN CORP	COM	701094104	13,200	64,136	SH	SOLE	1	64,136	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	102	5,412	SH	SOLE	1	5,412	0	0
PARSONS CORP	COM	70202L102	497	12,033	SH	SOLE	1	12,033	0	0
PARTY CITY HOLDCO IN	COM	702149105	65	27,956	SH	SOLE	2	27,956	0	0
PARTY CITY HOLDCO INC	COM	702149105	79	33,777	SH	SOLE	1	33,777	0	0
PATRICK INDUSTRIES INC	COM	703343103	853	16,266	SH	SOLE	1	16,266	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,480	55,313	SH	SOLE	1	55,313	0	0
PATTERSON COS INC	COM	703395103	4,450	217,264	SH	SOLE	1	217,264	0	0

PATTERSON UTI ENERGY INC	COM	703481101	3,943	375,526	SH	SOLE	1	375,526	0	0
PAYCHEX INC	COM	704326107	26,081	306,618	SH	SOLE	1	306,618	0	0
PAYCOM SOFTWARE INC	COM	70432V102	306	1,155	SH	SOLE	1	1,155	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	92	760	SH	SOLE	1	760	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	55,325	511,465	SH	SOLE	1	511,465	0	0
PAYSIGN INC	COM	70451A104	192	18,919	SH	SOLE	1	18,919	0	0
PBF ENERGY INC CLASS A	COM	69318G106	6,176	196,870	SH	SOLE	1	196,870	0	0
PC CONNECTION INC	COM	69318J100	350	7,048	SH	SOLE	1	7,048	0	0
PCB BANCORP	COM	69320M109	132	7,615	SH	SOLE	1	7,615	0	0
PCSB FINANCIAL CORP	COM	69324R104	205	10,142	SH	SOLE	1	10,142	0	0
PDC ENERGY INC	COM	69327R101	1,160	44,337	SH	SOLE	1	44,337	0	0
PDF SOLUTIONS INC	COM	693282105	344	20,367	SH	SOLE	1	20,367	0	0
PDL BIOPHARMA INC	COM	69329Y104	229	70,546	SH	SOLE	1	70,546	0	0
PDL COMMUNITY BANCORP	COM	69290X101	77	5,226	SH	SOLE	1	5,226	0	0
PEABODY ENERGY CORP	COM	704551100	366	40,098	SH	SOLE	1	40,098	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	358	11,597	SH	SOLE	1	11,597	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	8,888	331,526	SH	SOLE	1	331,526	0	0
PEGASYS INC	COM	705573103	71	893	SH	SOLE	1	893	0	0
PENN NATIONAL GAMING INC	COM	707569109	7,090	277,372	SH	SOLE	1	277,372	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	262	49,209	SH	SOLE	1	49,209	0	0
PENN VIRGINIA CORP	COM	70788V102	297	9,778	SH	SOLE	1	9,778	0	0
PENNANT GROUP INC/THE	COM	70805E109	607	18,351	SH	SOLE	1	18,351	0	0
PENNS WOODS BANCORP INC	COM	708430103	153	4,295	SH	SOLE	1	4,295	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	532	15,642	SH	SOLE	1	15,642	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,467	65,817	SH	SOLE	1	65,817	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	27	546	SH	SOLE	1	546	0	0
PENTAIR PLC	COM	G7S00T104	2,596	56,586	SH	SOLE	1	56,586	0	0
PENUMBRA INC	COM	70975L107	10,222	62,225	SH	SOLE	1	62,225	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,526	149,481	SH	SOLE	1	149,481	0	0
PEOPLE S UTAH BANCORP	COM	712706209	296	9,818	SH	SOLE	1	9,818	0	0
PEOPLES BANCORP INC	COM	709789101	391	11,270	SH	SOLE	1	11,270	0	0
PEOPLES BANCORP OF NC	COM	710577107	95	2,882	SH	SOLE	1	2,882	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	217	4,315	SH	SOLE	1	4,315	0	0
PEPSICO INC	COM	713448108	89,506	654,906	SH	SOLE	1	654,906	0	0
PERFICIENT INC	COM	71375U101	1,066	23,132	SH	SOLE	1	23,132	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	3,319	64,466	SH	SOLE	1	64,466	0	0
PERKINELMER INC	COM	714046109	3,718	38,292	SH	SOLE	1	38,292	0	0

PERRIGO CO PLC	COM	G97822103	3,764	72,867 SH	SOLE	1	72,867	0	0
PERSONALIS INC	COM	71535D106	61	5,576 SH	SOLE	1	5,576	0	0
PERSPECTA INC	COM	715347100	9,276	350,840 SH	SOLE	1	350,840	0	0
PETIQ INC	COM	71639T106	310	12,384 SH	SOLE	1	12,384	0	0
PETMED EXPRESS INC	COM	716382106	334	14,205 SH	SOLE	1	14,205	0	0
PFENEX INC	COM	717071104	205	18,681 SH	SOLE	1	18,681	0	0
PFIZER INC	COM	717081103	406,857	10,384,297 SH	SOLE	1	10,384,297	0	0
PGT INNOVATIONS INC	COM	69336V101	613	41,136 SH	SOLE	1	41,136	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	52	8,592 SH	SOLE	1	8,592	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	210	6,738 SH	SOLE	1	6,738	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	365	14,716 SH	SOLE	1	14,716	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	368,778	4,333,974 SH	SOLE	1	4,333,974	0	0
PHILLIPS 66	COM	718546104	19,039	170,890 SH	SOLE	1	170,890	0	0
PHOTRONICS INC	COM	719405102	745	47,280 SH	SOLE	1	47,280	0	0
PHREESIA INC	COM	71944F106	166	6,213 SH	SOLE	1	6,213	0	0
PHUNWARE INC	COM	71948P100	23	19,322 SH	SOLE	1	19,322	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	2,389	126,153 SH	SOLE	1	126,153	0	0
PICO HOLDINGS INC	COM	693366205	125	11,253 SH	SOLE	1	11,253	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,744	78,432 SH	SOLE	1	78,432	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	105	28,980 SH	SOLE	1	28,980	0	0
PILGRIM S PRIDE CORP	COM	72147K108	3,314	101,306 SH	SOLE	1	101,306	0	0
PINDUODUO INC ADR	ADR	722304102	95	2,500 SH	SOLE	1	2,500	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	210	8,627 SH	SOLE	1	8,627	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,893	138,946 SH	SOLE	1	138,946	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,403	37,844 SH	SOLE	1	37,844	0	0
PIONEER BANCORP INC/NY	COM	723561106	106	6,916 SH	SOLE	1	6,916	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	10,391	68,646 SH	SOLE	1	68,646	0	0
PIPER JAFFRAY COS	COM	724078100	799	9,994 SH	SOLE	1	9,994	0	0
PITNEY BOWES INC	COM	724479100	498	123,678 SH	SOLE	1	123,678	0	0
PJT PARTNERS INC A	COM	69343T107	639	14,161 SH	SOLE	1	14,161	0	0
PLANET FITNESS INC CL A	CL A	72703H101	148	1,986 SH	SOLE	1	1,986	0	0
PLANTRONICS INC	COM	727493108	665	24,308 SH	SOLE	1	24,308	0	0
PLAYAGS INC	COM	72814N104	202	16,661 SH	SOLE	1	16,661	0	0
PLEXUS CORP	COM	729132100	1,608	20,900 SH	SOLE	1	20,900	0	0
PLUG POWER INC	COM	72919P202	485	153,354 SH	SOLE	1	153,354	0	0
PLURALSIGHT INC A	COM	72941B106	25	1,459 SH	SOLE	1	1,459	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	29,776	186,533 SH	SOLE	1	186,533	0	0
PNM RESOURCES INC	COM	69349H107	10,257	202,276 SH	SOLE	1	202,276	0	0
POLARIS INC	COM	731068102	11,327	111,376 SH	SOLE	1	111,376	0	0

POLARITYTE INC	COM	731094108	25	9,592 SH	SOLE	1	9,592	0	0
POLYONE CORPORATION	COM	73179P106	7,185	195,294 SH	SOLE	1	195,294	0	0
POOL CORP	COM	73278L105	16,469	77,545 SH	SOLE	1	77,545	0	0
POPULAR INC	COM	733174700	88	1,493 SH	SOLE	1	1,493	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	3,137	56,236 SH	SOLE	1	56,236	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,140	47,741 SH	SOLE	1	47,741	0	0
POST HOLDINGS INC	COM	737446104	14,017	128,474 SH	SOLE	1	128,474	0	0
POTBELLY CORP	COM	73754Y100	55	13,017 SH	SOLE	1	13,017	0	0
POTLATCHDELTIC CORP	COM	737630103	7,360	170,105 SH	SOLE	1	170,105	0	0
POWELL INDUSTRIES INC	COM	739128106	315	6,429 SH	SOLE	1	6,429	0	0
POWER INTEGRATIONS INC	COM	739276103	2,033	20,557 SH	SOLE	1	20,557	0	0
PPG INDUSTRIES INC	COM	693506107	11,819	88,538 SH	SOLE	1	88,538	0	0
PPL CORP	COM	69351T106	10,595	295,279 SH	SOLE	1	295,279	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	408	23,721 SH	SOLE	1	23,721	0	0
PRA GROUP INC	COM	69354N106	1,181	32,540 SH	SOLE	1	32,540	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	13,619	122,529 SH	SOLE	1	122,529	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	312	22,497 SH	SOLE	1	22,497	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	382	28,665 SH	SOLE	1	28,665	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	600	9,983 SH	SOLE	1	9,983	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	116	1,924 SH	SOLE	1	1,924	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	148	8,165 SH	SOLE	1	8,165	0	0
PREMIER INC CLASS A	COM	74051N102	31	813 SH	SOLE	1	813	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	5,173	127,737 SH	SOLE	1	127,737	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	74	4,645 SH	SOLE	1	4,645	0	0
PRGX GLOBAL INC	COM	69357C503	63	12,794 SH	SOLE	1	12,794	0	0
PRICESMART INC	COM	741511109	1,151	16,208 SH	SOLE	1	16,208	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	49	322 SH	SOLE	1	322	0	0
PRIMERICA INC	COM	74164M108	10,453	80,061 SH	SOLE	1	80,061	0	0
PRIMO WATER CORP	COM	74165N105	246	21,940 SH	SOLE	1	21,940	0	0
PRIMORIS SERVICES CORP	COM	74164F103	617	27,752 SH	SOLE	1	27,752	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,233	95,142 SH	SOLE	1	95,142	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	631	11,521 SH	SOLE	1	11,521	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	10	4,104 SH	SOLE	1	4,104	0	0
PROASSURANCE CORP	COM	74267C106	1,393	38,534 SH	SOLE	1	38,534	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	123,789	991,106 SH	SOLE	1	991,106	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	319	62,724 SH	SOLE	1	62,724	0	0

PROGRESS SOFTWARE CORP	COM	743312100	1,335	32,140	SH	SOLE	1	32,140	0	0
PROGRESSIVE CORP	COM	743315103	16,357	225,955	SH	SOLE	1	225,955	0	0
PROGYNY INC	COM	74340E103	199	7,265	SH	SOLE	1	7,265	0	0
PROLOGIS INC	COM	74340W103	22,053	247,396	SH	SOLE	1	247,396	0	0
PROOFPOINT INC	COM	743424103	148	1,287	SH	SOLE	1	1,287	0	0
PROPETRO HOLDING CORP	COM	74347M108	652	57,941	SH	SOLE	1	57,941	0	0
PROS HOLDINGS INC	COM	74346Y103	1,235	20,605	SH	SOLE	1	20,605	0	0
PROSIGHT GLOBAL INC	COM	74349J103	90	5,556	SH	SOLE	1	5,556	0	0
PROSPERITY BANCSHARES INC	COM	743606105	13,100	182,220	SH	SOLE	1	182,220	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	78	11,041	SH	SOLE	1	11,041	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	92	5,738	SH	SOLE	1	5,738	0	0
PROTHENA CORP PLC	COM	G72800108	399	25,174	SH	SOLE	1	25,174	0	0
PROTO LABS INC	COM	743713109	1,976	19,456	SH	SOLE	1	19,456	0	0
PROVIDENCE SERVICE CORP	COM	743815102	497	8,402	SH	SOLE	1	8,402	0	0
PROVIDENT BANCORP INC	COM	74383L105	67	5,398	SH	SOLE	1	5,398	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	80	3,669	SH	SOLE	1	3,669	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,084	43,983	SH	SOLE	1	43,983	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	101	5,477	SH	SOLE	1	5,477	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	16,126	172,024	SH	SOLE	1	172,024	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	8,388	50,876	SH	SOLE	1	50,876	0	0
PTC INC	COM	69370C100	15,084	201,412	SH	SOLE	1	201,412	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,817	37,825	SH	SOLE	1	37,825	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,054	170,268	SH	SOLE	1	170,268	0	0
PUBLIC STORAGE	COM	74460D109	11,659	54,746	SH	SOLE	1	54,746	0	0
PULSE BIOSCIENCES INC	COM	74587B101	94	7,041	SH	SOLE	1	7,041	0	0
PULTEGROUP INC	COM	745867101	3,439	88,631	SH	SOLE	1	88,631	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	169	19,262	SH	SOLE	1	19,262	0	0
PURE CYCLE CORP	COM	746228303	135	10,719	SH	SOLE	1	10,719	0	0
PURE STORAGE INC CLASS A	COM	74624M102	92	5,359	SH	SOLE	1	5,359	0	0
PURPLE INNOVATION INC	COM	74640Y106	42	4,856	SH	SOLE	1	4,856	0	0
PVH CORP	COM	693656100	3,287	31,263	SH	SOLE	1	31,263	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	47	5,283	SH	SOLE	1	5,283	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	95	11,058	SH	SOLE	1	11,058	0	0
Q2 HOLDINGS INC	COM	74736L109	2,217	27,343	SH	SOLE	1	27,343	0	0
QAD INC A	COM	74727D306	366	7,179	SH	SOLE	1	7,179	0	0
QCR HOLDINGS INC	COM	74727A104	405	9,239	SH	SOLE	1	9,239	0	0
QEP RESOURCES INC	COM	74733V100	777	172,632	SH	SOLE	1	172,632	0	0

QIAGEN N.V.	COM	N72482123	117	3,469 SH	SOLE	1	3,469	0	0
QORVO INC	COM	74736K101	4,700	40,441 SH	SOLE	1	40,441	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,109	38,858 SH	SOLE	1	38,858	0	0
QUAD GRAPHICS INC	COM	747301109	94	20,133 SH	SOLE	1	20,133	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,556	9,458 SH	SOLE	1	9,458	0	0
QUALCOMM INC	COM	747525103	44,554	504,974 SH	SOLE	1	504,974	0	0
QUALYS INC	COM	74758T303	2,024	24,277 SH	SOLE	1	24,277	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	407	23,840 SH	SOLE	1	23,840	0	0
QUANTA SERVICES INC	COM	74762E102	1,989	48,866 SH	SOLE	1	48,866	0	0
QUANTERIX CORP	COM	74766Q101	198	8,361 SH	SOLE	1	8,361	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,451	79,134 SH	SOLE	1	79,134	0	0
QUIDEL CORP	COM	74838J101	1,664	22,172 SH	SOLE	1	22,172	0	0
QUINSTREET INC	COM	74874Q100	511	33,393 SH	SOLE	1	33,393	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	463	46,984 SH	SOLE	1	46,984	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	51	6,008 SH	SOLE	1	6,008	0	0
R1 RCM INC	COM	749397105	844	64,996 SH	SOLE	1	64,996	0	0
RA PHARMACEUTICALS INC	COM	74933V108	1,023	21,793 SH	SOLE	1	21,793	0	0
RADIAN GROUP INC	COM	750236101	4,563	181,347 SH	SOLE	1	181,347	0	0
RADIANT LOGISTICS INC	COM	75025X100	136	24,476 SH	SOLE	1	24,476	0	0
RADIUS HEALTH INC	COM	750469207	569	28,219 SH	SOLE	1	28,219	0	0
RADNET INC	COM	750491102	615	30,312 SH	SOLE	1	30,312	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	118	6,601 SH	SOLE	1	6,601	0	0
RALPH LAUREN CORP	COM	751212101	17,564	149,841 SH	SOLE	1	149,841	0	0
RAMACO RESOURCES INC	COM	75134P303	18	5,123 SH	SOLE	1	5,123	0	0
RAMBUS INC	COM	750917106	1,100	79,849 SH	SOLE	1	79,849	0	0
RANGE RESOURCES CORP	COM	75281A109	113	23,253 SH	SOLE	1	23,253	0	0
RAPID7 INC	COM	753422104	1,729	30,865 SH	SOLE	1	30,865	0	0
RAPT THERAPEUTICS INC	COM	75382E109	27	974 SH	SOLE	1	974	0	0
RAVEN INDUSTRIES INC	COM	754212108	892	25,891 SH	SOLE	1	25,891	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	3,740	41,809 SH	SOLE	1	41,809	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	136	35,347 SH	SOLE	1	35,347	0	0
RAYONIER INC	COM	754907103	8,176	249,566 SH	SOLE	1	249,566	0	0
RAYTHEON COMPANY	COM	755111507	20,055	91,269 SH	SOLE	1	91,269	0	0
RBB BANCORP	COM	74930B105	215	10,165 SH	SOLE	1	10,165	0	0
RBC BEARINGS INC	COM	75524B104	2,405	15,190 SH	SOLE	1	15,190	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	116	5,663 SH	SOLE	1	5,663	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	496	12,899 SH	SOLE	1	12,899	0	0
READING INTERNATIONAL INC A	COM	755408101	114	10,191 SH	SOLE	1	10,191	0	0

READY CAPITAL CORP	COM	75574U101	358	23,220	SH	SOLE	1	23,220	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	796	82,222	SH	SOLE	1	82,222	0	0
REALPAGE INC	COM	75606N109	100	1,861	SH	SOLE	1	1,861	0	0
REALREAL INC/THE	COM	88339P101	206	10,944	SH	SOLE	1	10,944	0	0
REALTY INCOME CORP	COM	756109104	8,630	117,213	SH	SOLE	1	117,213	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	2,863	14,005	SH	SOLE	1	14,005	0	0
RECRO PHARMA INC	COM	75629F109	225	12,291	SH	SOLE	1	12,291	0	0
RED LION HOTELS CORP	COM	756764106	56	15,093	SH	SOLE	1	15,093	0	0
RED RIVER BANCSHARES INC	COM	75686R202	172	3,075	SH	SOLE	1	3,075	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	309	9,364	SH	SOLE	1	9,364	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,047	43,724	SH	SOLE	1	43,724	0	0
REDFIN CORP	COM	75737F108	1,185	56,060	SH	SOLE	1	56,060	0	0
REDWOOD TRUST INC	COM	758075402	1,337	80,847	SH	SOLE	1	80,847	0	0
REGAL BELOIT CORP	COM	758750103	6,766	79,028	SH	SOLE	1	79,028	0	0
REGENCY CENTERS CORP	COM	758849103	3,558	56,399	SH	SOLE	1	56,399	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	13,994	37,269	SH	SOLE	1	37,269	0	0
REGENXBIO INC	COM	75901B107	980	23,908	SH	SOLE	1	23,908	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	161	5,363	SH	SOLE	1	5,363	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	7,391	430,723	SH	SOLE	1	430,723	0	0
REGIS CORP	COM	758932107	303	16,930	SH	SOLE	1	16,930	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	19,703	120,833	SH	SOLE	1	120,833	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	15,403	128,619	SH	SOLE	1	128,619	0	0
RELIANT BANCORP INC	COM	75956B101	142	6,393	SH	SOLE	1	6,393	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	16,730	85,350	SH	SOLE	1	85,350	0	0
RENASANT CORP	COM	75970E107	1,235	34,859	SH	SOLE	1	34,859	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	722	26,782	SH	SOLE	1	26,782	0	0
RENT A CENTER INC	COM	76009N100	1,027	35,619	SH	SOLE	1	35,619	0	0
REPLIGEN CORP	COM	759916109	11,324	122,421	SH	SOLE	1	122,421	0	0
REPLIMUNE GROUP INC	COM	76029N106	117	8,124	SH	SOLE	1	8,124	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	284	6,068	SH	SOLE	1	6,068	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	114	27,349	SH	SOLE	1	27,349	0	0
REPUBLIC SERVICES INC	COM	760759100	7,707	85,992	SH	SOLE	1	85,992	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,828	237,033	SH	SOLE	1	237,033	0	0
RESMED INC	COM	761152107	8,462	54,607	SH	SOLE	1	54,607	0	0
RESOURCES CONNECTION INC	COM	76122Q105	360	22,035	SH	SOLE	1	22,035	0	0
RESTORBIO INC	COM	76133L103	14	9,621	SH	SOLE	1	9,621	0	0

RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,460	82,687	SH	SOLE	1	82,687	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	45	3,338	SH	SOLE	1	3,338	0	0
RETAIL VALUE INC	COM	76133Q102	344	9,342	SH	SOLE	1	9,342	0	0
RETROPHIN INC	COM	761299106	368	25,929	SH	SOLE	1	25,929	0	0
REV GROUP INC	COM	749527107	208	17,008	SH	SOLE	1	17,008	0	0
REVANCE THERAPEUTICS INC	COM	761330109	459	28,263	SH	SOLE	1	28,263	0	0
REVLON INC CLASS A	COM	761525609	93	4,323	SH	SOLE	1	4,323	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	332	4,048	SH	SOLE	1	4,048	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	3,314	72,554	SH	SOLE	1	72,554	0	0
REXNORD CORP	COM	76169B102	2,174	66,644	SH	SOLE	1	66,644	0	0
RGC RESOURCES INC	COM	74955L103	135	4,710	SH	SOLE	1	4,710	0	0
RH	COM	74967X103	8,890	41,635	SH	SOLE	1	41,635	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	421	18,353	SH	SOLE	1	18,353	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	116	37,370	SH	SOLE	1	37,370	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	131	8,229	SH	SOLE	1	8,229	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	225	105,335	SH	SOLE	1	105,335	0	0
RIGNET INC	COM	766582100	60	9,096	SH	SOLE	1	9,096	0	0
RIMINI STREET INC	COM	76674Q107	49	12,725	SH	SOLE	1	12,725	0	0
RING ENERGY INC	COM	76680V108	115	43,430	SH	SOLE	1	43,430	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	282	1,671	SH	SOLE	1	1,671	0	0
RITE AID CORP	COM	767754872	534	34,547	SH	SOLE	1	34,547	0	0
RIVERVIEW BANCORP INC	COM	769397100	109	13,316	SH	SOLE	1	13,316	0	0
RLI CORP	COM	749607107	9,128	101,403	SH	SOLE	1	101,403	0	0
RLJ LODGING TRUST	COM	74965L101	1,876	105,896	SH	SOLE	1	105,896	0	0
RMR GROUP INC/THE A	COM	74967R106	433	9,493	SH	SOLE	1	9,493	0	0
ROADRUNNER TRANSPORTATION SY	COM	76973Q204	21	2,234	SH	SOLE	1	2,234	0	0
ROBERT HALF INTL INC	COM	770323103	2,555	40,456	SH	SOLE	1	40,456	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	424	18,621	SH	SOLE	1	18,621	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,661	52,602	SH	SOLE	1	52,602	0	0
ROCKWELL MEDICAL INC	COM	774374102	95	38,730	SH	SOLE	1	38,730	0	0
ROCKY BRANDS INC	COM	774515100	128	4,341	SH	SOLE	1	4,341	0	0
ROGERS CORP	COM	775133101	1,668	13,369	SH	SOLE	1	13,369	0	0
ROKU INC	COM	77543R102	268	1,998	SH	SOLE	1	1,998	0	0
ROLLINS INC	COM	775711104	1,633	49,261	SH	SOLE	1	49,261	0	0
ROPER TECHNOLOGIES INC	COM	776696106	16,091	45,426	SH	SOLE	1	45,426	0	0
ROSEHILL RESOURCES INC	COM	777385105	8	6,609	SH	SOLE	1	6,609	0	0
ROSETTA STONE INC	COM	777780107	236	12,997	SH	SOLE	1	12,997	0	0

ROSS STORES INC	COM	778296103	18,266	156,897	SH	SOLE	1	156,897	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	7,727	57,873	SH	SOLE	1	57,873	0	0
ROYAL GOLD INC	COM	780287108	15,495	126,745	SH	SOLE	1	126,745	0	0
RPC INC	COM	749660106	216	41,305	SH	SOLE	1	41,305	0	0
RPM INTERNATIONAL INC	COM	749685103	19,222	250,415	SH	SOLE	1	250,415	0	0
RPT REALTY	COM	74971D101	852	56,618	SH	SOLE	1	56,618	0	0
RR DONNELLEY & SONS CO	COM	257867200	202	51,019	SH	SOLE	1	51,019	0	0
RTI SURGICAL HDS INC	COM	74975N105	97	35,570	SH	SOLE	1	35,570	0	0
RTW RETAILWINDS INC	COM	74980D100	15	18,998	SH	SOLE	1	18,998	0	0
RUBICON PROJECT INC/THE	COM	78112V102	251	30,714	SH	SOLE	1	30,714	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	208	21,880	SH	SOLE	1	21,880	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	130	2,853	SH	SOLE	1	2,853	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	792	17,037	SH	SOLE	1	17,037	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	433	19,895	SH	SOLE	1	19,895	0	0
RYDER SYSTEM INC	COM	783549108	5,585	102,829	SH	SOLE	1	102,829	0	0
RYERSON HOLDING CORP	COM	783754104	120	10,133	SH	SOLE	1	10,133	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,491	28,744	SH	SOLE	1	28,744	0	0
S & T BANCORP INC	COM	783859101	1,108	27,492	SH	SOLE	1	27,492	0	0
S&P GLOBAL INC	COM	78409V104	27,481	100,646	SH	SOLE	1	100,646	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	10,494	491,740	SH	SOLE	1	491,740	0	0
SABRE CORP	COM	78573M104	11,870	528,969	SH	SOLE	1	528,969	0	0
SAFE BULKERS INC	COM	Y7388L103	54	31,869	SH	SOLE	1	31,869	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	134	12,206	SH	SOLE	1	12,206	0	0
SAFEHOLD INC	COM	78645L100	320	7,932	SH	SOLE	1	7,932	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	985	10,649	SH	SOLE	1	10,649	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	72	2,379	SH	SOLE	1	2,379	0	0
SAGE THERAPEUTICS INC	COM	78667J108	85	1,183	SH	SOLE	1	1,183	0	0
SAIA INC	COM	78709Y105	1,744	18,728	SH	SOLE	1	18,728	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,267	53,698	SH	SOLE	1	53,698	0	0
SALESFORCE.COM INC	COM	79466L302	53,207	327,148	SH	SOLE	1	327,148	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,443	298,259	SH	SOLE	1	298,259	0	0
SANDERSON FARMS INC	COM	800013104	8,846	50,201	SH	SOLE	1	50,201	0	0
SANDRIDGE ENERGY INC	COM	80007P869	82	19,301	SH	SOLE	1	19,301	0	0
SANDY SPRING BANCORP INC	COM	800363103	834	22,022	SH	SOLE	1	22,022	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	602	71,932	SH	SOLE	1	71,932	0	0
SANMINA CORP	COM	801056102	1,702	49,696	SH	SOLE	1	49,696	0	0

SANTANDER CONSUMER USA HOLDI	COM	80283M101	39	1,663 SH	SOLE	1	1,663	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	214	1,655 SH	SOLE	1	1,655	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	55	2,770 SH	SOLE	1	2,770	0	0
SAUL CENTERS INC	COM	804395101	458	8,669 SH	SOLE	1	8,669	0	0
SAVARA INC	COM	805111101	97	21,725 SH	SOLE	1	21,725	0	0
SB ONE BANCORP	COM	78413T103	128	5,126 SH	SOLE	1	5,126	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	10,221	42,411 SH	SOLE	1	42,411	0	0
SCANSOURCE INC	COM	806037107	676	18,306 SH	SOLE	1	18,306	0	0
SCHLUMBERGER LTD	COM	806857108	21,250	528,602 SH	SOLE	1	528,602	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	19	868 SH	SOLE	1	868	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	349	16,089 SH	SOLE	1	16,089	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	145	10,990 SH	SOLE	1	10,990	0	0
SCHOLASTIC CORP	COM	807066105	824	21,429 SH	SOLE	1	21,429	0	0
SCHWAB (CHARLES) CORP	COM	808513105	21,513	452,332 SH	SOLE	1	452,332	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	936	22,302 SH	SOLE	1	22,302	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	11,328	130,181 SH	SOLE	1	130,181	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	3,708	138,466 SH	SOLE	1	138,466	0	0
SCORPIO BULKERS INC	COM	Y7546A122	218	34,153 SH	SOLE	1	34,153	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,086	27,616 SH	SOLE	1	27,616	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	8,152	76,771 SH	SOLE	1	76,771	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	233	10,549 SH	SOLE	1	10,549	0	0
SEABOARD CORP	COM	811543107	17	4 SH	SOLE	1	4	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,117	36,550 SH	SOLE	1	36,550	0	0
SEACOR HOLDINGS INC	COM	811904101	543	12,577 SH	SOLE	1	12,577	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	170	12,334 SH	SOLE	1	12,334	0	0
SEADRILL LTD	COM	G7998G106	93	36,710 SH	SOLE	1	36,710	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	5,264	88,476 SH	SOLE	1	88,476	0	0
SEALED AIR CORP	COM	81211K100	2,076	52,128 SH	SOLE	1	52,128	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	119	9,932 SH	SOLE	1	9,932	0	0
SEATTLE GENETICS INC	COM	812578102	1,575	13,787 SH	SOLE	1	13,787	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	937	29,536 SH	SOLE	1	29,536	0	0
SECUREWORKS CORP A	COM	81374A105	85	5,109 SH	SOLE	1	5,109	0	0
SEI INVESTMENTS COMPANY	COM	784117103	15,984	244,109 SH	SOLE	1	244,109	0	0
SELECT BANCORP INC	COM	81617L108	121	9,833 SH	SOLE	1	9,833	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	344	37,107 SH	SOLE	1	37,107	0	0
SELECT INTERIOR CONCEPTS A	COM	816120307	117	12,991 SH	SOLE	1	12,991	0	0

SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,848	79,194	SH	SOLE	1	79,194	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	9,802	150,368	SH	SOLE	1	150,368	0	0
SEMPRA ENERGY	COM	816851109	14,576	96,224	SH	SOLE	1	96,224	0	0
SEMTECH CORP	COM	816850101	8,892	168,085	SH	SOLE	1	168,085	0	0
SENECA FOODS CORP CL A	CL A	817070501	196	4,802	SH	SOLE	1	4,802	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	5,095	603,668	SH	SOLE	1	603,668	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	162	3,013	SH	SOLE	1	3,013	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	70	76,681	SH	SOLE	1	76,681	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,108	107,543	SH	SOLE	1	107,543	0	0
SERES THERAPEUTICS INC	COM	81750R102	79	22,843	SH	SOLE	1	22,843	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	846	21,119	SH	SOLE	1	21,119	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,256	353,168	SH	SOLE	1	353,168	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	7,726	317,570	SH	SOLE	1	317,570	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	89	2,305	SH	SOLE	1	2,305	0	0
SERVICENOW INC	COM	81762P102	17,689	62,657	SH	SOLE	1	62,657	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,289	34,208	SH	SOLE	1	34,208	0	0
SFL CORP LTD	SHS	G7738W106	740	50,914	SH	SOLE	1	50,914	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,259	21,143	SH	SOLE	1	21,143	0	0
SHARPSRING INC	COM	820054104	73	6,404	SH	SOLE	1	6,404	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,436	34,520	SH	SOLE	1	34,520	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	15,927	27,294	SH	SOLE	1	27,294	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	701	15,958	SH	SOLE	1	15,958	0	0
SHOE CARNIVAL INC	COM	824889109	251	6,740	SH	SOLE	1	6,740	0	0
SHORE BANCSHARES INC	COM	825107105	137	7,917	SH	SOLE	1	7,917	0	0
SHOTSPOTTER INC	COM	82536T107	130	5,093	SH	SOLE	1	5,093	0	0
SHUTTERSTOCK INC	COM	825690100	591	13,790	SH	SOLE	1	13,790	0	0
SI BONE INC	COM	825704109	220	10,250	SH	SOLE	1	10,250	0	0
SIEBERT FINANCIAL CORP	COM	826176109	41	4,751	SH	SOLE	1	4,751	0	0
SIENRA INC	COM	82621J105	216	24,141	SH	SOLE	1	24,141	0	0
SIERRA BANCORP	COM	82620P102	258	8,861	SH	SOLE	1	8,861	0	0
SIGA TECHNOLOGIES INC	COM	826917106	165	34,495	SH	SOLE	1	34,495	0	0
SIGNATURE BANK	COM	82669G104	14,262	104,401	SH	SOLE	1	104,401	0	0
SIGNET JEWELERS LTD	COM	G81276100	815	37,479	SH	SOLE	1	37,479	0	0
SILGAN HOLDINGS INC	COM	827048109	4,651	149,644	SH	SOLE	1	149,644	0	0
SILICON LABORATORIES INC	COM	826919102	12,752	109,950	SH	SOLE	1	109,950	0	0

SILK ROAD MEDICAL INC	COM	82710M100	407	10,070	SH	SOLE	1	10,070	0	0
SILVERBOW RESOURCES INC	COM	82836G102	44	4,431	SH	SOLE	1	4,431	0	0
SILVERCREST ASSET MANAGEMEM A	COM	828359109	68	5,419	SH	SOLE	1	5,419	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	32	2,001	SH	SOLE	1	2,001	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,892	70,629	SH	SOLE	1	70,629	0	0
SIMON PROPERTY GROUP INC	COM	828806109	19,046	127,863	SH	SOLE	1	127,863	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,475	51,675	SH	SOLE	1	51,675	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,561	31,920	SH	SOLE	1	31,920	0	0
SIMULATIONS PLUS INC	COM	829214105	217	7,480	SH	SOLE	1	7,480	0	0
SINA CORP	COM	G81477104	31	765	SH	SOLE	1	765	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	47	1,403	SH	SOLE	1	1,403	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	2,277	318,454	SH	SOLE	1	318,454	0	0
SITE CENTERS CORP	COM	82981J109	31	2,190	SH	SOLE	1	2,190	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	2,320	25,593	SH	SOLE	1	25,593	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	20,433	452,963	SH	SOLE	1	452,963	0	0
SJW GROUP	COM	784305104	1,171	16,485	SH	SOLE	1	16,485	0	0
SKECHERS USA INC CL A	CL A	830566105	11,177	258,776	SH	SOLE	1	258,776	0	0
SKYLINE CHAMPION CORP	COM	830830105	999	31,525	SH	SOLE	1	31,525	0	0
SKYWEST INC	COM	830879102	2,306	35,686	SH	SOLE	1	35,686	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	9,241	76,451	SH	SOLE	1	76,451	0	0
SL GREEN REALTY CORP	COM	78440X101	2,523	27,456	SH	SOLE	1	27,456	0	0
SLEEP NUMBER CORP	COM	83125X103	995	20,215	SH	SOLE	1	20,215	0	0
SLM CORP	COM	78442P106	7,260	814,822	SH	SOLE	1	814,822	0	0
SM ENERGY CO	COM	78454L100	903	80,342	SH	SOLE	1	80,342	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	370	9,746	SH	SOLE	1	9,746	0	0
SMART SAND INC	COM	83191H107	34	13,505	SH	SOLE	1	13,505	0	0
SMARTFINANCIAL INC	COM	83190L208	188	7,970	SH	SOLE	1	7,970	0	0
SMARTSHEET INC CLASS A	COM	83200N103	92	2,043	SH	SOLE	1	2,043	0	0
SMITH (A.O.) CORP	COM	831865209	2,206	46,312	SH	SOLE	1	46,312	0	0
SNAP ON INC	COM	833034101	16,870	99,586	SH	SOLE	1	99,586	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	8,849	93,054	SH	SOLE	1	93,054	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	273	19,474	SH	SOLE	1	19,474	0	0
SOLARWINDS CORP	COM	83417Q105	15	804	SH	SOLE	1	804	0	0
SOLID BIOSCIENCES INC	COM	83422E105	55	12,307	SH	SOLE	1	12,307	0	0
SOLITON INC	COM	834251100	38	3,483	SH	SOLE	1	3,483	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	545	17,577	SH	SOLE	1	17,577	0	0

SONIM TECHNOLOGIES INC	COM	83548F101	23	6,229 SH	SOLE	1	6,229	0	0
SONOCO PRODUCTS CO	COM	835495102	11,922	193,168 SH	SOLE	1	193,168	0	0
SONOS INC	COM	83570H108	691	44,228 SH	SOLE	1	44,228	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	265	78,346 SH	SOLE	1	78,346	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,205	66,872 SH	SOLE	1	66,872	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	132	6,336 SH	SOLE	1	6,336	0	0
SOUTH STATE CORP	COM	840441109	1,818	20,959 SH	SOLE	1	20,959	0	0
SOUTHERN CO/THE	COM	842587107	21,445	336,663 SH	SOLE	1	336,663	0	0
SOUTHERN COPPER CORP	COM	84265V105	46	1,074 SH	SOLE	1	1,074	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	188	4,435 SH	SOLE	1	4,435	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	187	4,864 SH	SOLE	1	4,864	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	202	12,343 SH	SOLE	1	12,343	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	859	23,122 SH	SOLE	1	23,122	0	0
SOUTHWEST AIRLINES CO	COM	844741108	9,495	175,897 SH	SOLE	1	175,897	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	10,528	138,583 SH	SOLE	1	138,583	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	949	392,331 SH	SOLE	1	392,331	0	0
SP PLUS CORP	COM	78469C103	606	14,284 SH	SOLE	1	14,284	0	0
SPARK ENERGY INC CLASS A	COM	846511103	68	7,411 SH	SOLE	1	7,411	0	0
SPARTAN MOTORS INC	COM	846819100	382	21,109 SH	SOLE	1	21,109	0	0
SPARTANNASH CO	COM	847215100	369	25,938 SH	SOLE	1	25,938	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	12,519	298,720 SH	SOLE	1	298,720	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	108,692	337,700 SH	SOLE	1	337,700	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDGRP	78467Y107	14,077	37,500 SH	SOLE	1	37,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	308	4,798 SH	SOLE	1	4,798	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	294	80,643 SH	SOLE	1	80,643	0	0
SPERO THERAPEUTICS INC	COM	84833T103	67	7,003 SH	SOLE	1	7,003	0	0
SPIRE INC	COM	84857L101	10,724	128,722 SH	SOLE	1	128,722	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	170	2,334 SH	SOLE	1	2,334	0	0
SPIRIT AIRLINES INC	COM	848577102	1,732	42,959 SH	SOLE	1	42,959	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	198	8,606 SH	SOLE	1	8,606	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	9,458	192,312 SH	SOLE	1	192,312	0	0
SPLUNK INC	COM	848637104	1,994	13,313 SH	SOLE	1	13,313	0	0
SPOK HOLDINGS INC	COM	84863T106	155	12,697 SH	SOLE	1	12,697	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	213	26,572 SH	SOLE	1	26,572	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	414	2,768 SH	SOLE	1	2,768	0	0

SPRINGWORKS THERAPEUTICS INC	COM	85205L107	252	6,538	SH	SOLE	1	6,538	0	0
SPRINT CORP	COM	85207U105	46	8,885	SH	SOLE	1	8,885	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,420	228,420	SH	SOLE	1	228,420	0	0
SPS COMMERCE INC	COM	78463M107	1,399	25,246	SH	SOLE	1	25,246	0	0
SPX CORP	COM	784635104	1,607	31,590	SH	SOLE	1	31,590	0	0
SPX FLOW INC	COM	78469X107	1,481	30,307	SH	SOLE	1	30,307	0	0
SQUARE INC A	COM	852234103	497	7,948	SH	SOLE	1	7,948	0	0
SRC ENERGY INC	COM	78470V108	721	174,921	SH	SOLE	1	174,921	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	309	5,026	SH	SOLE	1	5,026	0	0
ST JOE CO/THE	COM	790148100	474	23,928	SH	SOLE	1	23,928	0	0
STAAR SURGICAL CO	COM	852312305	979	27,829	SH	SOLE	1	27,829	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,796	88,577	SH	SOLE	1	88,577	0	0
STAMPS.COM INC	COM	852857200	994	11,898	SH	SOLE	1	11,898	0	0
STANDARD MOTOR PRODS	COM	853666105	805	15,124	SH	SOLE	1	15,124	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	708	8,923	SH	SOLE	1	8,923	0	0
STANLEY BLACK & DECKER INC	COM	854502101	9,544	57,586	SH	SOLE	1	57,586	0	0
STARBUCKS CORP	COM	855244109	46,945	533,950	SH	SOLE	1	533,950	0	0
STARTEK INC	COM	85569C107	83	10,393	SH	SOLE	1	10,393	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	106	4,269	SH	SOLE	1	4,269	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	334	10,779	SH	SOLE	1	10,779	0	0
STATE STREET CORP	COM	857477103	12,194	154,157	SH	SOLE	1	154,157	0	0
STEEL DYNAMICS INC	COM	858119100	30,527	896,793	SH	SOLE	1	896,793	0	0
STEELCASE INC CL A	CL A	858155203	1,114	54,456	SH	SOLE	1	54,456	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	306	28,785	SH	SOLE	1	28,785	0	0
STEPAN CO	COM	858586100	1,510	14,738	SH	SOLE	1	14,738	0	0
STERICYCLE INC	COM	858912108	11,220	175,840	SH	SOLE	1	175,840	0	0
STERIS PLC	COM	G8473T100	4,433	29,083	SH	SOLE	1	29,083	0	0
STERLING BANCORP INC/MI	COM	85917W102	84	10,358	SH	SOLE	1	10,358	0	0
STERLING BANCORP/DE	COM	85917A100	9,389	445,394	SH	SOLE	1	445,394	0	0
STERLING CONSTRUCTION CO	COM	859241101	230	16,350	SH	SOLE	1	16,350	0	0
STEVEN MADDEN LTD	COM	556269108	2,581	60,019	SH	SOLE	1	60,019	0	0
STEWART INFORMATION SERVICES	COM	860372101	692	16,958	SH	SOLE	1	16,958	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,463	172,508	SH	SOLE	1	172,508	0	0
STITCH FIX INC CLASS A	COM	860897107	664	25,892	SH	SOLE	1	25,892	0	0
STOCK YARDS BANCORP INC	COM	861025104	521	12,691	SH	SOLE	1	12,691	0	0
STOKE THERAPEUTICS INC	COM	86150R107	162	5,732	SH	SOLE	1	5,732	0	0
STONERIDGE INC	COM	86183P102	486	16,569	SH	SOLE	1	16,569	0	0
STORE CAPITAL CORP	COM	862121100	269	7,221	SH	SOLE	1	7,221	0	0
STRATASYS LTD	COM	M85548101	651	32,199	SH	SOLE	1	32,199	0	0

STRATEGIC EDUCATION INC	COM	86272C103	2,457	15,462	SH	SOLE	1	15,462	0	0
STRATUS PROPERTIES INC	COM	863167201	114	3,676	SH	SOLE	1	3,676	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	47	22,662	SH	SOLE	1	22,662	0	0
STRYKER CORP	COM	863667101	25,821	122,991	SH	SOLE	1	122,991	0	0
STURM RUGER & CO INC	COM	864159108	567	12,064	SH	SOLE	1	12,064	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	185	6,839	SH	SOLE	1	6,839	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	924	74,916	SH	SOLE	1	74,916	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,684	70,473	SH	SOLE	1	70,473	0	0
SUN COMMUNITIES INC	COM	866674104	376	2,504	SH	SOLE	1	2,504	0	0
SUNCOKE ENERGY INC	COM	86722A103	336	54,004	SH	SOLE	1	54,004	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	95	8,489	SH	SOLE	1	8,489	0	0
SUNPOWER CORP	COM	867652406	307	39,392	SH	SOLE	1	39,392	0	0
SUNRUN INC	COM	86771W105	977	70,765	SH	SOLE	1	70,765	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	2,100	150,863	SH	SOLE	1	150,863	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	90	6,669	SH	SOLE	1	6,669	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	852	35,907	SH	SOLE	1	35,907	0	0
SURGERY PARTNERS INC	COM	86881A100	236	15,050	SH	SOLE	1	15,050	0	0
SURMODICS INC	COM	868873100	394	9,506	SH	SOLE	1	9,506	0	0
SUTRO BIOPHARMA INC	COM	869367102	75	6,814	SH	SOLE	1	6,814	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,315	21,173	SH	SOLE	1	21,173	0	0
SVMK INC	COM	78489X103	972	54,369	SH	SOLE	1	54,369	0	0
SWITCH INC A	COM	87105L104	20	1,376	SH	SOLE	1	1,376	0	0
SYKES ENTERPRISES INC	COM	871237103	1,022	27,637	SH	SOLE	1	27,637	0	0
SYNALLOY CORP	COM	871565107	67	5,207	SH	SOLE	1	5,207	0	0
SYNAPTICS INC	COM	87157D109	5,599	85,127	SH	SOLE	1	85,127	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	116	24,329	SH	SOLE	1	24,329	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,620	239,370	SH	SOLE	1	239,370	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	111	12,587	SH	SOLE	1	12,587	0	0
SYNEOS HEALTH INC	COM	87166B102	9,410	158,212	SH	SOLE	1	158,212	0	0
SYNLOGIC INC	COM	87166L100	25	9,826	SH	SOLE	1	9,826	0	0
SYNNEX CORP	COM	87162W100	10,158	78,863	SH	SOLE	1	78,863	0	0
SYNOPSIS INC	COM	871607107	9,117	65,493	SH	SOLE	1	65,493	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	11,091	282,927	SH	SOLE	1	282,927	0	0
SYNTHORX INC	COM	87167A103	419	5,990	SH	SOLE	1	5,990	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	150	21,699	SH	SOLE	1	21,699	0	0
SYSCO CORP	COM	871829107	14,231	166,362	SH	SOLE	1	166,362	0	0
SYSTEMAX INC	COM	871851101	195	7,745	SH	SOLE	1	7,745	0	0
T MOBILE US INC	COM	872590104	12,313	157,014	SH	SOLE	1	157,014	0	0

T ROWE PRICE GROUP INC	COM	74144T108	17,338	142,299	SH	SOLE	1	142,299	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	686	14,099	SH	SOLE	1	14,099	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	899	13,318	SH	SOLE	1	13,318	0	0
TAILORED BRANDS INC	COM	87403A107	150	36,157	SH	SOLE	1	36,157	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,767	47,101	SH	SOLE	1	47,101	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	239	4,963	SH	SOLE	1	4,963	0	0
TALOS ENERGY INC	COM	87484T108	438	14,527	SH	SOLE	1	14,527	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,093	35,106	SH	SOLE	1	35,106	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	3,451	234,314	SH	SOLE	1	234,314	0	0
TAPESTRY INC	COM	876030107	18,338	679,933	SH	SOLE	1	679,933	0	0
TARGA RESOURCES CORP	COM	87612G101	146	3,588	SH	SOLE	1	3,588	0	0
TARGET CORP	COM	87612E106	21,322	166,303	SH	SOLE	1	166,303	0	0
TARGET HOSPITALITY CORP	COM	87615L107	102	20,346	SH	SOLE	1	20,346	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	11	824	SH	SOLE	1	824	0	0
TAUBMAN CENTERS INC	COM	876664103	3,672	118,105	SH	SOLE	1	118,105	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	1,441	65,911	SH	SOLE	1	65,911	0	0
TCF FINANCIAL CORP	COM	872307103	13,855	296,055	SH	SOLE	1	296,055	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	105	7,335	SH	SOLE	1	7,335	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	1,163	23,398	SH	SOLE	1	23,398	0	0
TE CONNECTIVITY LTD	COM	H84989104	11,139	116,224	SH	SOLE	1	116,224	0	0
TEAM INC	COM	878155100	344	21,562	SH	SOLE	1	21,562	0	0
TECH DATA CORP	COM	878237106	12,931	90,051	SH	SOLE	1	90,051	0	0
TECHNIPFMC PLC	COM	G87110105	3,183	148,453	SH	SOLE	1	148,453	0	0
TECHTARGET	COM	87874R100	434	16,624	SH	SOLE	1	16,624	0	0
TEEKAY CORP	COM	Y8564W103	229	42,996	SH	SOLE	1	42,996	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	357	14,909	SH	SOLE	1	14,909	0	0
TEGNA INC	COM	87901J105	9,203	551,383	SH	SOLE	1	551,383	0	0
TEJON RANCH CO	COM	879080109	210	13,149	SH	SOLE	1	13,149	0	0
TELADOC HEALTH INC	COM	87918A105	3,786	45,223	SH	SOLE	1	45,223	0	0
TELARIA INC	COM	879181105	243	27,630	SH	SOLE	1	27,630	0	0
TELECOM ARGENTINA SA SP ADR	ADR	879273209	11	994	SH	SOLE	1	994	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	24,387	70,373	SH	SOLE	1	70,373	0	0
TELEFLEX INC	COM	879369106	6,565	17,439	SH	SOLE	1	17,439	0	0
TELENAV INC	COM	879455103	102	21,085	SH	SOLE	1	21,085	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	4,801	188,790	SH	SOLE	1	188,790	0	0
TELLURIAN INC	COM	87968A104	430	59,132	SH	SOLE	1	59,132	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	7,666	88,050	SH	SOLE	1	88,050	0	0

TENABLE HOLDINGS INC	COM	88025T102	565	23,597	SH	SOLE	1	23,597	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	12	1,000	SH	SOLE	1	1,000	0	0
TENET HEALTHCARE CORP	COM	88033G407	10,013	263,298	SH	SOLE	1	263,298	0	0
TENNANT CO	COM	880345103	1,014	13,018	SH	SOLE	1	13,018	0	0
TENNECO INC CLASS A	COM	880349105	416	31,780	SH	SOLE	1	31,780	0	0
TERADATA CORP	COM	88076W103	5,836	218,010	SH	SOLE	1	218,010	0	0
TERADYNE INC	COM	880770102	22,147	324,791	SH	SOLE	1	324,791	0	0
TEREX CORP	COM	880779103	4,921	165,255	SH	SOLE	1	165,255	0	0
TERRAFORM POWER INC A	COM	88104R209	765	49,689	SH	SOLE	1	49,689	0	0
TERRENO REALTY CORP	COM	88146M101	2,383	44,017	SH	SOLE	1	44,017	0	0
TERRITORIAL BANCORP INC	COM	88145X108	151	4,876	SH	SOLE	1	4,876	0	0
TESLA INC	COM	88160R101	4,882	11,670	SH	SOLE	1	11,670	0	0
TESSCO TECHNOLOGIES INC	COM	872386107	46	4,083	SH	SOLE	1	4,083	0	0
TETRA TECH INC	COM	88162G103	11,948	138,676	SH	SOLE	1	138,676	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	172	87,919	SH	SOLE	1	87,919	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,199	122,298	SH	SOLE	1	122,298	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,513	97,114	SH	SOLE	1	97,114	0	0
TEXAS INSTRUMENTS INC	COM	882508104	66,516	518,485	SH	SOLE	1	518,485	0	0
TEXAS ROADHOUSE INC	COM	882681109	9,364	166,256	SH	SOLE	1	166,256	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	353	32,967	SH	SOLE	1	32,967	0	0
TEXTRON INC	COM	883203101	3,429	76,890	SH	SOLE	1	76,890	0	0
TFS FINANCIAL CORP	COM	87240R107	15	763	SH	SOLE	1	763	0	0
TG THERAPEUTICS INC	COM	88322Q108	599	53,961	SH	SOLE	1	53,961	0	0
THE BANK OF PRINCETON	COM	064520109	111	3,517	SH	SOLE	1	3,517	0	0
THERAPEUTICSMD INC	COM	88338N107	336	138,668	SH	SOLE	1	138,668	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	725	27,998	SH	SOLE	1	27,998	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	50,951	156,834	SH	SOLE	1	156,834	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	546	20,359	SH	SOLE	1	20,359	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	568	53,961	SH	SOLE	1	53,961	0	0
THOR INDUSTRIES INC	COM	885160101	8,316	111,940	SH	SOLE	1	111,940	0	0
TIDEWATER INC	COM	88642R109	476	24,688	SH	SOLE	1	24,688	0	0
TIDEWATER INC NEW	COM	88642R109	45,138	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	5,258	39,340	SH	SOLE	1	39,340	0	0
TILLY S INC CLASS A SHRS	COM	886885102	169	13,764	SH	SOLE	1	13,764	0	0
TIMBERLAND BANCORP INC	COM	887098101	138	4,645	SH	SOLE	1	4,645	0	0
TIMKEN CO	COM	887389104	7,367	130,822	SH	SOLE	1	130,822	0	0
TIMKENSTEEL CORP	COM	887399103	228	29,024	SH	SOLE	1	29,024	0	0

TIPTREE INC	COM	88822Q103	127	15,574	SH	SOLE	1	15,574	0	0
TITAN INTERNATIONAL INC	COM	88830M102	131	36,203	SH	SOLE	1	36,203	0	0
TITAN MACHINERY INC	COM	88830R101	175	11,861	SH	SOLE	1	11,861	0	0
TIVITY HEALTH INC	COM	88870R102	689	33,864	SH	SOLE	1	33,864	0	0
TIVO CORP	COM	88870P106	763	90,004	SH	SOLE	1	90,004	0	0
TJX COMPANIES INC	COM	872540109	28,558	467,704	SH	SOLE	1	467,704	0	0
TOCAGEN INC	COM	888846102	7	13,286	SH	SOLE	1	13,286	0	0
TOLL BROTHERS INC	COM	889478103	9,853	249,392	SH	SOLE	1	249,392	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	931	10,180	SH	SOLE	1	10,180	0	0
TOOTSIE ROLL INDS	COM	890516107	1,445	42,319	SH	SOLE	1	42,319	0	0
TOPBUILD CORP	COM	89055F103	2,496	24,213	SH	SOLE	1	24,213	0	0
TORO CO	COM	891092108	16,455	206,541	SH	SOLE	1	206,541	0	0
TOWNE BANK	COM	89214P109	1,161	41,741	SH	SOLE	1	41,741	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	629	31,045	SH	SOLE	1	31,045	0	0
TPI COMPOSITES INC	COM	87266J104	335	18,086	SH	SOLE	1	18,086	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	3,873	41,445	SH	SOLE	1	41,445	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	234	900	SH	SOLE	1	900	0	0
TRANSCAT INC	COM	893529107	138	4,327	SH	SOLE	1	4,327	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	26	664	SH	SOLE	1	664	0	0
TRANSDIGM GROUP INC	COM	893641100	9,871	17,626	SH	SOLE	1	17,626	0	0
TRANSENTERIX INC	COM	89366M300	16	11,038	SH	SOLE	1	11,038	0	0
TRANSLATE BIO INC	COM	89374L104	177	21,688	SH	SOLE	1	21,688	0	0
TRANSMEDICS GROUP INC	COM	89377M109	170	8,917	SH	SOLE	1	8,917	0	0
TRANSOCEAN LTD	COM	H8817H100	7,637	1,110,052	SH	SOLE	1	1,110,052	0	0
TRANSPORTADOR GAS SUR SP B	ADR	893870204	5	688	SH	SOLE	1	688	0	0
TRANSUNION	COM	89400J107	376	4,389	SH	SOLE	1	4,389	0	0
TRAVELERS COS INC/THE	COM	89417E109	17,471	127,572	SH	SOLE	1	127,572	0	0
TRAVELZOO	COM	89421Q205	35	3,293	SH	SOLE	1	3,293	0	0
TRECORA RESOURCES	COM	894648104	96	13,365	SH	SOLE	1	13,365	0	0
TREDEGAR CORP	COM	894650100	418	18,681	SH	SOLE	1	18,681	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,265	108,549	SH	SOLE	1	108,549	0	0
TREX COMPANY INC	COM	89531P105	13,345	148,475	SH	SOLE	1	148,475	0	0
TRI POINTE GROUP INC	COM	87265H109	5,503	353,209	SH	SOLE	1	353,209	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	144	10,967	SH	SOLE	1	10,967	0	0
TRICIDA INC	COM	89610F101	516	13,670	SH	SOLE	1	13,670	0	0
TRICO BANCSHARES	COM	896095106	684	16,759	SH	SOLE	1	16,759	0	0
TRIMAS CORP	COM	896215209	882	28,076	SH	SOLE	1	28,076	0	0
TRIMBLE INC	COM	896239100	20,060	481,181	SH	SOLE	1	481,181	0	0
TRINET GROUP INC	COM	896288107	1,584	27,987	SH	SOLE	1	27,987	0	0
TRINITY INDUSTRIES INC	COM	896522109	4,199	189,549	SH	SOLE	1	189,549	0	0
TRINSEO SA	COM	L9340P101	1,055	28,354	SH	SOLE	1	28,354	0	0

TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,327	39,561	SH	SOLE	1	39,561	0	0
TRIPADVISOR INC	COM	896945201	6,769	222,815	SH	SOLE	1	222,815	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	265	14,338	SH	SOLE	1	14,338	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	400	15,296	SH	SOLE	1	15,296	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,362	33,878	SH	SOLE	1	33,878	0	0
TRIUMPH BANCORP INC	COM	89679E300	642	16,878	SH	SOLE	1	16,878	0	0
TRIUMPH GROUP INC	COM	896818101	906	35,862	SH	SOLE	1	35,862	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	653	57,164	SH	SOLE	1	57,164	0	0
TRUEBLUE INC	COM	89785X101	673	27,953	SH	SOLE	1	27,953	0	0
TRUECAR INC	COM	89785L107	312	65,661	SH	SOLE	1	65,661	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	30,984	550,137	SH	SOLE	1	550,137	0	0
TRUPANION INC	COM	898202106	676	18,040	SH	SOLE	1	18,040	0	0
TRUSTCO BANK CORP NY	COM	898349105	597	68,842	SH	SOLE	1	68,842	0	0
TRUSTMARK CORP	COM	898402102	5,635	163,300	SH	SOLE	1	163,300	0	0
TTEC HOLDINGS INC	COM	89854H102	422	10,662	SH	SOLE	1	10,662	0	0
TTM TECHNOLOGIES	COM	87305R109	1,075	71,434	SH	SOLE	1	71,434	0	0
TUCOWS INC CLASS A	COM	898697206	365	5,911	SH	SOLE	1	5,911	0	0
TUPPERWARE BRANDS CORP	COM	899896104	302	35,245	SH	SOLE	1	35,245	0	0
TURNING POINT BRANDS INC	COM	90041L105	148	5,183	SH	SOLE	1	5,183	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,080	17,342	SH	SOLE	1	17,342	0	0
TUTOR PERINI CORP	COM	901109108	321	24,980	SH	SOLE	1	24,980	0	0
TWILIO INC A	COM	90138F102	275	2,801	SH	SOLE	1	2,801	0	0
TWIN DISC INC	COM	901476101	71	6,462	SH	SOLE	1	6,462	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	280	10,924	SH	SOLE	1	10,924	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	289	13,775	SH	SOLE	1	13,775	0	0
TWITTER INC	COM	90184L102	9,532	297,403	SH	SOLE	1	297,403	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	62	4,254	SH	SOLE	1	4,254	0	0
TYLER TECHNOLOGIES INC	COM	902252105	22,655	75,513	SH	SOLE	1	75,513	0	0
TYME TECHNOLOGIES INC	COM	90238J103	52	36,960	SH	SOLE	1	36,960	0	0
TYSON FOODS INC CL A	CL A	902494103	10,516	115,510	SH	SOLE	1	115,510	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	1,040	9,093	SH	SOLE	1	9,093	0	0
UBIQUITI INC	COM	90353W103	67	353	SH	SOLE	1	353	0	0
UDR INC	COM	902653104	4,831	103,437	SH	SOLE	1	103,437	0	0
UFP TECHNOLOGIES INC	COM	902673102	210	4,231	SH	SOLE	1	4,231	0	0
UGI CORP	COM	902681105	18,216	403,367	SH	SOLE	1	403,367	0	0
ULTA BEAUTY INC	COM	90384S303	6,292	24,854	SH	SOLE	1	24,854	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	670	28,565	SH	SOLE	1	28,565	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,461	34,219	SH	SOLE	1	34,219	0	0

UMB FINANCIAL CORP	COM	902788108	7,582	110,454 SH	SOLE	1	110,454	0	0
UMH PROPERTIES INC	COM	903002103	357	22,681 SH	SOLE	1	22,681	0	0
UMPQUA HOLDINGS CORP	COM	904214103	7,523	425,002 SH	SOLE	1	425,002	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,389	64,319 SH	SOLE	1	64,319	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,540	80,313 SH	SOLE	1	80,313	0	0
UNIFI INC	COM	904677200	263	10,430 SH	SOLE	1	10,430	0	0
UNIFIRST CORP/MA	COM	904708104	2,211	10,948 SH	SOLE	1	10,948	0	0
UNION BANKSHARES INC /VT	COM	905400107	88	2,437 SH	SOLE	1	2,437	0	0
UNION PACIFIC CORP	COM	907818108	54,537	301,659 SH	SOLE	1	301,659	0	0
UNISYS CORP	COM	909214306	437	36,862 SH	SOLE	1	36,862	0	0
UNIT CORP	COM	909218109	23	33,264 SH	SOLE	1	33,264	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	8,995	102,117 SH	SOLE	1	102,117	0	0
UNITED BANKSHARES INC	COM	909907107	9,877	255,478 SH	SOLE	1	255,478	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,757	56,908 SH	SOLE	1	56,908	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	344	29,481 SH	SOLE	1	29,481	0	0
UNITED FIRE GROUP INC	COM	910340108	669	15,302 SH	SOLE	1	15,302	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	188	14,901 SH	SOLE	1	14,901	0	0
UNITED NATURAL FOODS INC	COM	911163103	337	38,499 SH	SOLE	1	38,499	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	31,107	265,739 SH	SOLE	1	265,739	0	0
UNITED RENTALS INC	COM	911363109	4,937	29,604 SH	SOLE	1	29,604	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	90	8,433 SH	SOLE	1	8,433	0	0
UNITED STATES LIME & MINERAL	COM	911922102	113	1,256 SH	SOLE	1	1,256	0	0
UNITED STATES STEEL CORP	COM	912909108	3,745	328,189 SH	SOLE	1	328,189	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	41,078	274,294 SH	SOLE	1	274,294	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	7,458	84,676 SH	SOLE	1	84,676	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	89,410	304,137 SH	SOLE	1	304,137	0	0
UNITI GROUP INC	COM	91325V108	1,263	153,895 SH	SOLE	1	153,895	0	0
UNITIL CORP	COM	913259107	565	9,142 SH	SOLE	1	9,142	0	0
UNITY BANCORP INC	COM	913290102	111	4,938 SH	SOLE	1	4,938	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	129	17,894 SH	SOLE	1	17,894	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	60	2,473 SH	SOLE	1	2,473	0	0
UNIVERSAL CORP/VA	COM	913456109	1,013	17,749 SH	SOLE	1	17,749	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	16,932	82,164 SH	SOLE	1	82,164	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	510	9,752 SH	SOLE	1	9,752	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	2,059	43,176 SH	SOLE	1	43,176	0	0

UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	1,085	9,244 SH	SOLE	1	9,244	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,877	27,028 SH	SOLE	1	27,028	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	603	21,544 SH	SOLE	1	21,544	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	95	4,991 SH	SOLE	1	4,991	0	0
UNIVEST FINANCIAL CORP	COM	915271100	482	18,014 SH	SOLE	1	18,014	0	0
UNUM GROUP	COM	91529Y106	2,026	69,488 SH	SOLE	1	69,488	0	0
UPLAND SOFTWARE INC	COM	91544A109	512	14,337 SH	SOLE	1	14,337	0	0
UPWORK INC	COM	91688F104	384	35,950 SH	SOLE	1	35,950	0	0
URANIUM ENERGY CORP	COM	916896103	103	111,615 SH	SOLE	1	111,615	0	0
URBAN EDGE PROPERTIES	COM	91704F104	5,611	292,545 SH	SOLE	1	292,545	0	0
URBAN OUTFITTERS INC	COM	917047102	3,780	136,112 SH	SOLE	1	136,112	0	0
UROGEN PHARMA LTD	COM	M96088105	392	11,733 SH	SOLE	1	11,733	0	0
URSTADT BIDDLE CLASS A	COM	917286205	531	21,387 SH	SOLE	1	21,387	0	0
US BANCORP	COM	902973304	35,250	594,536 SH	SOLE	1	594,536	0	0
US CELLULAR CORP	COM	911684108	9	238 SH	SOLE	1	238	0	0
US CONCRETE INC	COM	90333L201	480	11,525 SH	SOLE	1	11,525	0	0
US ECOLOGY INC	COM	91734M103	1,016	17,539 SH	SOLE	1	17,539	0	0
US FOODS HOLDING CORP	COM	912008109	143	3,422 SH	SOLE	1	3,422	0	0
US SILICA HOLDINGS INC	COM	90346E103	326	52,956 SH	SOLE	1	52,956	0	0
US WELL SERVICES INC	COM	91274U101	24	12,568 SH	SOLE	1	12,568	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	69	13,674 SH	SOLE	1	13,674	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	711	9,055 SH	SOLE	1	9,055	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	235	2,180 SH	SOLE	1	2,180	0	0
VAIL RESORTS INC	COM	91879Q109	1,238	5,161 SH	SOLE	1	5,161	0	0
VALARIS PLC	COM	G9402V109	124	18,965 SH	SOLE	1	18,965	0	0
VALERO ENERGY CORP	COM	91913Y100	15,921	170,006 SH	SOLE	1	170,006	0	0
VALHI INC	COM	918905100	34	18,134 SH	SOLE	1	18,134	0	0
VALLEY NATIONAL BANCORP	COM	919794107	11,365	992,589 SH	SOLE	1	992,589	0	0
VALMONT INDUSTRIES	COM	920253101	6,222	41,542 SH	SOLE	1	41,542	0	0
VALUE LINE INC	COM	920437100	19	663 SH	SOLE	1	663	0	0
VALVOLINE INC	COM	92047W101	7,784	363,591 SH	SOLE	1	363,591	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	619	37,719 SH	SOLE	1	37,719	0	0
VAPOTHERM INC	COM	922107107	114	9,406 SH	SOLE	1	9,406	0	0
VAREX IMAGING CORP	COM	92214X106	813	27,256 SH	SOLE	1	27,256	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,526	31,873 SH	SOLE	1	31,873	0	0
VARONIS SYSTEMS INC	COM	922280102	1,443	18,569 SH	SOLE	1	18,569	0	0
VBI VACCINES INC	COM	91822J103	132	95,902 SH	SOLE	1	95,902	0	0
VECTOR GROUP LTD	COM	92240M108	1,078	80,541 SH	SOLE	1	80,541	0	0

VECTRUS INC	COM	92242T101	362	7,071	SH	SOLE	1	7,071	0	0
VEDANTA LTD ADR	ADR	92242Y100	22	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	512	34,835	SH	SOLE	1	34,835	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	427	3,034	SH	SOLE	1	3,034	0	0
VENTAS INC	COM	92276F100	8,031	139,094	SH	SOLE	1	139,094	0	0
VERA BRADLEY INC	COM	92335C106	178	15,064	SH	SOLE	1	15,064	0	0
VERACYTE INC	COM	92337F107	825	29,544	SH	SOLE	1	29,544	0	0
VEREIT INC	COM	92339V100	153	16,560	SH	SOLE	1	16,560	0	0
VERICEL CORP	COM	92346J108	488	28,025	SH	SOLE	1	28,025	0	0
VERINT SYSTEMS INC	COM	92343X100	2,303	41,600	SH	SOLE	1	41,600	0	0
VERISIGN INC	COM	92343E102	9,236	47,932	SH	SOLE	1	47,932	0	0
VERISK ANALYTICS INC	COM	92345Y106	11,239	75,260	SH	SOLE	1	75,260	0	0
VERITEX HOLDINGS INC	COM	923451108	1,050	36,029	SH	SOLE	1	36,029	0	0
VERITIV CORP	COM	923454102	184	9,334	SH	SOLE	1	9,334	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	412,088	6,711,529	SH	SOLE	1	6,711,529	0	0
VERRA MOBILITY CORP	COM	92511U102	1,118	79,900	SH	SOLE	1	79,900	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	128	8,073	SH	SOLE	1	8,073	0	0
VERSO CORP A	COM	92531L207	394	21,833	SH	SOLE	1	21,833	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	24,938	113,896	SH	SOLE	1	113,896	0	0
VF CORP	COM	918204108	11,948	119,883	SH	SOLE	1	119,883	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	93	SH	SOLE	1	93	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	7,735	184,293	SH	SOLE	1	184,293	0	0
VIAD CORP	COM	92552R406	980	14,515	SH	SOLE	1	14,515	0	0
VIASAT INC	COM	92552V100	8,145	111,282	SH	SOLE	1	111,282	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,490	166,000	SH	SOLE	1	166,000	0	0
VICI PROPERTIES INC	COM	925652109	185	7,246	SH	SOLE	1	7,246	0	0
VICOR CORP	COM	925815102	603	12,905	SH	SOLE	1	12,905	0	0
VIELA BIO INC	COM	926613100	93	3,420	SH	SOLE	1	3,420	0	0
VIEWRAY INC	COM	92672L107	186	44,161	SH	SOLE	1	44,161	0	0
VIKING THERAPEUTICS INC	COM	92686J106	326	40,634	SH	SOLE	1	40,634	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	120	5,168	SH	SOLE	1	5,168	0	0
VINCE HOLDING CORP	COM	92719W207	33	1,931	SH	SOLE	1	1,931	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	78	5,533	SH	SOLE	1	5,533	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	57	4,512	SH	SOLE	1	4,512	0	0
VIRNETX HOLDING CORP	COM	92823T108	146	38,419	SH	SOLE	1	38,419	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	15	931	SH	SOLE	1	931	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	575	4,722	SH	SOLE	1	4,722	0	0
VIRTUSA CORP	COM	92827P102	944	20,827	SH	SOLE	1	20,827	0	0
VISA INC CLASS A SHARES	COM	92826C839	123,347	656,448	SH	SOLE	1	656,448	0	0

VISHAY INTERTECHNOLOGY INC	COM	928298108	7,163	336,439	SH	SOLE	1	336,439	0	0
VISHAY PRECISION GROUP	COM	92835K103	222	6,531	SH	SOLE	1	6,531	0	0
VISTA OUTDOOR INC	COM	928377100	312	41,750	SH	SOLE	1	41,750	0	0
VISTEON CORP	COM	92839U206	6,150	71,022	SH	SOLE	1	71,022	0	0
VISTRA ENERGY CORP	COM	92840M102	153	6,650	SH	SOLE	1	6,650	0	0
VIVINT SOLAR INC	COM	92854Q106	201	27,641	SH	SOLE	1	27,641	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	405	19,500	SH	SOLE	1	19,500	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,213	163,671	SH	SOLE	1	163,671	0	0
VORNADO REALTY TRUST	COM	929042109	3,562	53,561	SH	SOLE	1	53,561	0	0
VOYA FINANCIAL INC	COM	929089100	139	2,278	SH	SOLE	1	2,278	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	211	15,117	SH	SOLE	1	15,117	0	0
VSE CORP	COM	918284100	208	5,460	SH	SOLE	1	5,460	0	0
VULCAN MATERIALS CO	COM	929160109	7,852	54,534	SH	SOLE	1	54,534	0	0
W&T OFFSHORE INC	COM	92922P106	328	58,958	SH	SOLE	1	58,958	0	0
WABASH NATIONAL CORP	COM	929566107	570	38,796	SH	SOLE	1	38,796	0	0
WABCO HOLDINGS INC	COM	92927K102	154	1,134	SH	SOLE	1	1,134	0	0
WABTEC CORP	COM	929740108	5,320	68,379	SH	SOLE	1	68,379	0	0
WADDELL & REED FINANCIAL A	COM	930059100	840	50,220	SH	SOLE	1	50,220	0	0
WAITR HOLDINGS INC	COM	930752100	12	36,149	SH	SOLE	1	36,149	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	324,980	5,511,875	SH	SOLE	1	5,511,875	0	0
WALKER & DUNLOP INC	COM	93148P102	1,300	20,092	SH	SOLE	1	20,092	0	0
WALMART INC	COM	931142103	54,119	455,391	SH	SOLE	1	455,391	0	0
WALT DISNEY CO/THE	COM	254687106	100,265	693,250	SH	SOLE	1	693,250	0	0
WARRIOR MET COAL INC	COM	93627C101	787	37,269	SH	SOLE	1	37,269	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,312	199,512	SH	SOLE	1	199,512	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	491	134,900	SH	SOLE	1	134,900	0	0
WASHINGTON REIT	COM	939653101	1,691	57,965	SH	SOLE	1	57,965	0	0
WASHINGTON TRUST BANCORP	COM	940610108	509	9,469	SH	SOLE	1	9,469	0	0
WASTE MANAGEMENT INC	COM	94106L109	17,528	153,807	SH	SOLE	1	153,807	0	0
WATERS CORP	COM	941848103	5,841	24,997	SH	SOLE	1	24,997	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	281	14,779	SH	SOLE	1	14,779	0	0
WATFORD HOLDINGS LTD	COM	G94787101	301	11,970	SH	SOLE	1	11,970	0	0
WATSCO INC	COM	942622200	11,350	63,005	SH	SOLE	1	63,005	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,988	19,932	SH	SOLE	1	19,932	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	113	14,100	SH	SOLE	1	14,100	0	0
WAYFAIR INC CLASS A	COM	94419L101	132	1,457	SH	SOLE	1	1,457	0	0
WD 40 CO	COM	929236107	1,926	9,919	SH	SOLE	1	9,919	0	0

WEBSTER FINANCIAL CORP	COM	947890109	9,477	177,604	SH	SOLE	1	177,604	0	0
WEC ENERGY GROUP INC	COM	92939U106	15,113	163,867	SH	SOLE	1	163,867	0	0
WEIBO CORP SPON ADR	ADR	948596101	32	693	SH	SOLE	1	693	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	7,292	233,430	SH	SOLE	1	233,430	0	0
WEIS MARKETS INC	COM	948849104	242	5,975	SH	SOLE	1	5,975	0	0
WELBILT INC	COM	949090104	1,270	81,329	SH	SOLE	1	81,329	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	9,934	30,084	SH	SOLE	1	30,084	0	0
WELLS FARGO & CO	COM	949746101	66,470	1,235,505	SH	SOLE	1	1,235,505	0	0
WELLTOWER INC	COM	95040Q104	12,881	157,508	SH	SOLE	1	157,508	0	0
WENDY S CO/THE	COM	95058W100	7,921	356,644	SH	SOLE	1	356,644	0	0
WERNER ENTERPRISES INC	COM	950755108	4,117	113,127	SH	SOLE	1	113,127	0	0
WESBANCO INC	COM	950810101	1,533	40,578	SH	SOLE	1	40,578	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	368	33,349	SH	SOLE	1	33,349	0	0
WESCO INTERNATIONAL INC	COM	95082P105	39	664	SH	SOLE	1	664	0	0
WEST BANCORPORATION	COM	95123P106	257	10,015	SH	SOLE	1	10,015	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	21,530	143,215	SH	SOLE	1	143,215	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,282	18,920	SH	SOLE	1	18,920	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	91	1,597	SH	SOLE	1	1,597	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	336	32,551	SH	SOLE	1	32,551	0	0
WESTERN DIGITAL CORP	COM	958102105	8,243	129,873	SH	SOLE	1	129,873	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	144	14,924	SH	SOLE	1	14,924	0	0
WESTERN UNION CO	COM	959802109	4,980	185,947	SH	SOLE	1	185,947	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	39	553	SH	SOLE	1	553	0	0
WESTROCK CO	COM	96145D105	6,580	153,335	SH	SOLE	1	153,335	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	150	5,053	SH	SOLE	1	5,053	0	0
WEX INC	COM	96208T104	17,569	83,877	SH	SOLE	1	83,877	0	0
WEYCO GROUP INC	COM	962149100	101	3,803	SH	SOLE	1	3,803	0	0
WEYERHAEUSER CO	COM	962166104	8,200	271,534	SH	SOLE	1	271,534	0	0
WHIRLPOOL CORP	COM	963320106	3,938	26,694	SH	SOLE	1	26,694	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	54	48	SH	SOLE	1	48	0	0
WHITESTONE REIT	COM	966084204	380	27,891	SH	SOLE	1	27,891	0	0
WHITING PETROLEUM CORP	COM	966387409	482	65,729	SH	SOLE	1	65,729	0	0
WIDOPENWEST INC	COM	96758W101	114	15,429	SH	SOLE	1	15,429	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	4,097	84,438	SH	SOLE	1	84,438	0	0
WILLDAN GROUP INC	COM	96924N100	200	6,292	SH	SOLE	1	6,292	0	0
WILLIAM LYON HOMES CL A	CL A	552074700	461	23,066	SH	SOLE	1	23,066	0	0

WILLIAMS COS INC	COM	969457100	9,681	408,134 SH	SOLE	1	408,134	0	0
WILLIAMS SONOMA INC	COM	969904101	11,999	163,380 SH	SOLE	1	163,380	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	108	1,827 SH	SOLE	1	1,827	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	11,386	56,385 SH	SOLE	1	56,385	0	0
WILLSCOT CORP	COM	971375126	598	32,344 SH	SOLE	1	32,344	0	0
WINGSTOP INC	COM	974155103	1,828	21,201 SH	SOLE	1	21,201	0	0
WINMARK CORP	COM	974250102	309	1,559 SH	SOLE	1	1,559	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,203	22,709 SH	SOLE	1	22,709	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,808	110,130 SH	SOLE	1	110,130	0	0
WIPRO LTD ADR	ADR	97651M109	43	11,420 SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	459	94,776 SH	SOLE	1	94,776	0	0
WIX.COM LTD	COM	M98068105	649	5,300 SH	SOLE	1	5,300	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	43	651 SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,944	57,614 SH	SOLE	1	57,614	0	0
WOODWARD INC	COM	980745103	12,928	109,154 SH	SOLE	1	109,154	0	0
WORKDAY INC CLASS A	COM	98138H101	1,746	10,618 SH	SOLE	1	10,618	0	0
WORKIVA INC	COM	98139A105	968	23,010 SH	SOLE	1	23,010	0	0
WORLD ACCEPTANCE CORP	COM	981419104	342	3,961 SH	SOLE	1	3,961	0	0
WORLD FUEL SERVICES CORP	COM	981475106	7,189	165,579 SH	SOLE	1	165,579	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	5,960	91,875 SH	SOLE	1	91,875	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,002	94,873 SH	SOLE	1	94,873	0	0
WP CAREY INC	COM	92936U109	212	2,651 SH	SOLE	1	2,651	0	0
WPX ENERGY INC	COM	98212B103	11,051	804,319 SH	SOLE	1	804,319	0	0
WR BERKLEY CORP	COM	084423102	3,375	48,837 SH	SOLE	1	48,837	0	0
WR GRACE & CO	COM	38388F108	94	1,340 SH	SOLE	1	1,340	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	33	5,125 SH	SOLE	1	5,125	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,409	79,020 SH	SOLE	1	79,020	0	0
WSFS FINANCIAL CORP	COM	929328102	1,414	32,146 SH	SOLE	1	32,146	0	0
WW GRAINGER INC	COM	384802104	5,680	16,780 SH	SOLE	1	16,780	0	0
WW INTERNATIONAL INC	COM	98262P101	4,516	118,186 SH	SOLE	1	118,186	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	9,049	175,057 SH	SOLE	1	175,057	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	11,550	183,895 SH	SOLE	1	183,895	0	0
WYNN RESORTS LTD	COM	983134107	4,758	34,262 SH	SOLE	1	34,262	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	80	7,431 SH	SOLE	1	7,431	0	0
XBIOTECH INC	COM	98400H102	222	11,880 SH	SOLE	1	11,880	0	0
XCEL ENERGY INC	COM	98389B100	13,405	211,131 SH	SOLE	1	211,131	0	0
XENCOR INC	COM	98401F105	1,181	34,355 SH	SOLE	1	34,355	0	0

XENIA HOTELS & RESORTS INC	COM	984017103	1,768	81,793	SH	SOLE	1	81,793	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	118	16,696	SH	SOLE	1	16,696	0	0
XEROX HOLDINGS CORP	COM	98421M106	2,452	66,500	SH	SOLE	1	66,500	0	0
XILINX INC	COM	983919101	10,783	110,292	SH	SOLE	1	110,292	0	0
XPERI CORP	COM	98421B100	658	35,591	SH	SOLE	1	35,591	0	0
XPO LOGISTICS INC	COM	983793100	14,229	178,535	SH	SOLE	1	178,535	0	0
XYLEM INC	COM	98419M100	4,980	63,200	SH	SOLE	1	63,200	0	0
Y MABS THERAPEUTICS INC	COM	984241109	463	14,805	SH	SOLE	1	14,805	0	0
YELP INC	COM	985817105	5,755	165,221	SH	SOLE	1	165,221	0	0
YETI HOLDINGS INC	COM	98585X104	898	25,821	SH	SOLE	1	25,821	0	0
YEXT INC	COM	98585N106	853	59,188	SH	SOLE	1	59,188	0	0
YORK WATER CO	COM	987184108	373	8,087	SH	SOLE	1	8,087	0	0
YOUNGEVITY INTERNATIONAL INC	COM	987537206	18	5,396	SH	SOLE	1	5,396	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	24	2,106	SH	SOLE	1	2,106	0	0
YRC WORLDWIDE INC	COM	984249607	53	20,884	SH	SOLE	1	20,884	0	0
YUM BRANDS INC	COM	988498101	13,168	130,724	SH	SOLE	1	130,724	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	625	13,023	SH	SOLE	1	13,023	0	0
ZAGG INC	COM	98884U108	142	17,565	SH	SOLE	1	17,565	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	184	5,296	SH	SOLE	1	5,296	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,896	19,167	SH	SOLE	1	19,167	0	0
ZENDESK INC	COM	98936J101	196	2,560	SH	SOLE	1	2,560	0	0
ZILLOW GROUP INC A	COM	98954M101	40	883	SH	SOLE	1	883	0	0
ZILLOW GROUP INC C	COM	98954M200	89	1,936	SH	SOLE	1	1,936	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	10,365	69,248	SH	SOLE	1	69,248	0	0
ZIONS BANCORP NA	COM	989701107	3,179	61,238	SH	SOLE	1	61,238	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	474	100,512	SH	SOLE	1	100,512	0	0
ZIX CORP	COM	98974P100	227	33,472	SH	SOLE	1	33,472	0	0
ZOETIS INC	COM	98978V103	30,181	228,037	SH	SOLE	1	228,037	0	0
ZOGENIX INC	COM	98978L204	1,392	26,710	SH	SOLE	1	26,710	0	0
ZSCALER INC	COM	98980G102	68	1,456	SH	SOLE	1	1,456	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	98	4,200	SH	SOLE	1	4,200	0	0
ZUMIEZ INC	COM	989817101	499	14,452	SH	SOLE	1	14,452	0	0
ZUORA INC CLASS A	COM	98983V106	794	55,380	SH	SOLE	1	55,380	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	87	14,331	SH	SOLE	1	14,331	0	0
ZYNEX INC	COM	98986M103	78	9,902	SH	SOLE	1	9,902	0	0
ZYNGA INC CL A	CL A	98986T108	90	14,728	SH	SOLE	1	14,728	0	0