

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: 03-31-2019

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      05-06-2019  
[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: 3,055  
Form 13F Information Table Value Total: 26,295,018  
(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

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**FORM 13F INFORMATION TABLE**

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4	COLUMN 5		COLUMN 6 INVESTMENT DISCRETION	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY		
			VALUE (x\$1000)	SHRS OR SH/ PRN	AMT CALL			PUT/ INVESTMENT	SOLE	SHARED
1 800 FLOWERS.COM INC CL A	COM	68243Q106	309	16,924	SH	SOLE	1	16,924	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	86	4,815	SH	SOLE	1	4,815	0	0
1ST SOURCE CORP	COM	336901103	449	10,008	SH	SOLE	1	10,008	0	0
22ND CENTURY GROUP INC	COM	90137F103	127	74,096	SH	SOLE	1	74,096	0	0
2U INC	COM	90214J101	89	1,260	SH	SOLE	1	1,260	0	0
3D SYSTEMS CORP	COM	88554D205	894	83,109	SH	SOLE	1	83,109	0	0
3M CO	COM	88579Y101	51,353	247,153	SH	SOLE	1	247,153	0	0
58.COM INC ADR	ADR	31680Q104	105	1,602	SH	SOLE	1	1,602	0	0
8X8 INC	COM	282914100	1,439	71,225	SH	SOLE	1	71,225	0	0
A10 NETWORKS INC	COM	002121101	236	33,246	SH	SOLE	1	33,246	0	0
AAC HOLDINGS INC	COM	000307108	15	8,396	SH	SOLE	1	8,396	0	0
AAON INC	COM	000360206	1,436	31,095	SH	SOLE	1	31,095	0	0
AAR CORP	COM	000361105	807	24,812	SH	SOLE	1	24,812	0	0
AARON S INC	COM	002535300	9,312	177,025	SH	SOLE	1	177,025	0	0
ABBOTT LABORATORIES	COM	002824100	54,913	686,929	SH	SOLE	1	686,929	0	0
ABBVIE INC	COM	00287Y109	377,069	4,678,850	SH	SOLE	1	4,678,850	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	147	19,933	SH	SOLE	1	19,933	0	0
ABERCROMBIE (PLUS) FITCH CO CL A	COM	002896207	1,367	49,858	SH	SOLE	1	49,858	0	0
ABIOMED INC	COM	003654100	4,830	16,911	SH	SOLE	1	16,911	0	0
ABM INDUSTRIES INC	COM	000957100	1,818	50,010	SH	SOLE	1	50,010	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	127	101,378	SH	SOLE	1	101,378	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,001	17,451	SH	SOLE	1	17,451	0	0
ACACIA RESEARCH CORP	COM	003881307	101	30,876	SH	SOLE	1	30,876	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	5,170	176,398	SH	SOLE	1	176,398	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,939	72,216	SH	SOLE	1	72,216	0	0
ACADIA REALTY TRUST	REIT	004239109	1,663	60,998	SH	SOLE	1	60,998	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	349	16,624	SH	SOLE	1	16,624	0	0
ACCELERON PHARMA INC	COM	00434H108	1,294	27,783	SH	SOLE	1	27,783	0	0
ACCENTURE PLC CL A	COM	G1151C101	43,984	249,883	SH	SOLE	1	249,883	0	0

ACCO BRANDS CORP	COM	00081T108	556	64,909	SH	SOLE	1	64,909	0	0
ACCURAY INC	COM	004397105	261	54,725	SH	SOLE	1	54,725	0	0
ACETO CORP	COM	004446100	0	1	SH	SOLE	1	1	0	0
ACHAOGEN INC	COM	004449104	9	20,611	SH	SOLE	1	20,611	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	257	86,708	SH	SOLE	1	86,708	0	0
ACI WORLDWIDE INC	COM	004498101	9,953	302,810	SH	SOLE	1	302,810	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	135	22,576	SH	SOLE	1	22,576	0	0
ACM RESEARCH INC CLASS A	COM	00108J109	82	5,334	SH	SOLE	1	5,334	0	0
ACNB CORP	COM	000868109	161	4,355	SH	SOLE	1	4,355	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	435	32,746	SH	SOLE	1	32,746	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	15,405	338,352	SH	SOLE	1	338,352	0	0
ACTUANT CORP A	COM	00508X203	1,123	46,085	SH	SOLE	1	46,085	0	0
ACUITY BRANDS INC	COM	00508Y102	9,638	80,307	SH	SOLE	1	80,307	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	511	22,076	SH	SOLE	1	22,076	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	101	14,191	SH	SOLE	1	14,191	0	0
ADAMS RESOURCES (PLUS) ENERGY INC	COM	006351308	54	1,380	SH	SOLE	1	1,380	0	0
ADDUS HOMECARE CORP	COM	006739106	469	7,376	SH	SOLE	1	7,376	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	95	15,743	SH	SOLE	1	15,743	0	0
ADIANT PLC	COM	G0084W101	2,250	173,614	SH	SOLE	1	173,614	0	0
ADMA BIOLOGICS INC	COM	000899104	47	12,336	SH	SOLE	1	12,336	0	0
ADOBE INC	COM	00724F101	57,034	214,020	SH	SOLE	1	214,020	0	0
ADT INC	COM	00090Q103	12	1,849	SH	SOLE	1	1,849	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	6,989	150,876	SH	SOLE	1	150,876	0	0
ADTRAN INC	COM	00738A106	496	36,179	SH	SOLE	1	36,179	0	0
ADURO BIOTECH INC	COM	00739L101	163	40,909	SH	SOLE	1	40,909	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	4,522	26,517	SH	SOLE	1	26,517	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,294	46,222	SH	SOLE	1	46,222	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	595	23,085	SH	SOLE	1	23,085	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	136	11,788	SH	SOLE	1	11,788	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,439	28,971	SH	SOLE	1	28,971	0	0
ADVANCED MICRO DEVICES	COM	007903107	10,176	398,756	SH	SOLE	1	398,756	0	0
ADVANSIX INC	COM	00773T101	645	22,561	SH	SOLE	1	22,561	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	182	34,717	SH	SOLE	1	34,717	0	0
AECOM	COM	00766T100	10,170	342,774	SH	SOLE	1	342,774	0	0
AEGION CORP	COM	00770F104	425	24,204	SH	SOLE	1	24,204	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	98	12,175	SH	SOLE	1	12,175	0	0
AERCAP HOLDINGS NV	COM	N00985106	805	17,300	SH	SOLE	1	17,300	0	0

AERIE PHARMACEUTICALS INC	COM	00771V108	1,078	22,685	SH	SOLE	1	22,685	0	0
AEROHIVE NETWORKS INC	COM	007786106	96	21,167	SH	SOLE	1	21,167	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,944	54,722	SH	SOLE	1	54,722	0	0
AEROVIRONMENT INC	COM	008073108	1,097	16,035	SH	SOLE	1	16,035	0	0
AES CORP	COM	00130H105	7,382	408,295	SH	SOLE	1	408,295	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	2,197	20,513	SH	SOLE	1	20,513	0	0
AFLAC INC	COM	001055102	17,127	342,532	SH	SOLE	1	342,532	0	0
AG MORTGAGE INVESTMENT TRUST	REIT	001228105	308	18,267	SH	SOLE	1	18,267	0	0
AGCO CORP	COM	001084102	8,919	128,232	SH	SOLE	1	128,232	0	0
AGENUS INC	COM	00847G705	175	58,827	SH	SOLE	1	58,827	0	0
AGEX THERAPEUTICS INC	COM	00848H108	24	5,859	SH	SOLE	1	5,859	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	11,345	141,145	SH	SOLE	1	141,145	0	0
AGILYSYS INC	COM	00847J105	253	11,965	SH	SOLE	1	11,965	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	78	1,161	SH	SOLE	1	1,161	0	0
AGNC INVESTMENT CORP	REIT	00123Q104	329	18,294	SH	SOLE	1	18,294	0	0
AGREE REALTY CORP	REIT	008492100	1,789	25,806	SH	SOLE	1	25,806	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	67	20,109	SH	SOLE	1	20,109	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	624	27,915	SH	SOLE	1	27,915	0	0
AIR LEASE CORP	COM	00912X302	60	1,743	SH	SOLE	1	1,743	0	0
AIR PRODUCTS (PLUS) CHEMICALS INC	COM	009158106	18,317	95,922	SH	SOLE	1	95,922	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	858	37,229	SH	SOLE	1	37,229	0	0
AIRCASTLE LTD	COM	G0129K104	702	34,665	SH	SOLE	1	34,665	0	0
AK STEEL HOLDING CORP	COM	001547108	655	238,202	SH	SOLE	1	238,202	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,718	65,795	SH	SOLE	1	65,795	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	240	8,480	SH	SOLE	1	8,480	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	448	54,714	SH	SOLE	1	54,714	0	0
AKORN INC	COM	009728106	249	70,646	SH	SOLE	1	70,646	0	0
ALAMO GROUP INC	COM	011311107	727	7,279	SH	SOLE	1	7,279	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,564	24,095	SH	SOLE	1	24,095	0	0
ALASKA AIR GROUP INC	COM	011659109	2,444	43,548	SH	SOLE	1	43,548	0	0
ALBANY INTL CORP CL A	COM	012348108	1,556	21,733	SH	SOLE	1	21,733	0	0
ALBEMARLE CORP	COM	012653101	3,346	40,809	SH	SOLE	1	40,809	0	0
ALBIREO PHARMA INC	COM	01345P106	187	5,808	SH	SOLE	1	5,808	0	0
ALCOA CORP	COM	013872106	92	3,274	SH	SOLE	1	3,274	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	507	37,152	SH	SOLE	1	37,152	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	122	13,472	SH	SOLE	1	13,472	0	0
ALECTOR INC	COM	014442107	66	3,541	SH	SOLE	1	3,541	0	0

ALEXANDER (PLUS) BALDWIN INC	REIT	014491104	4,517	177,540	SH	SOLE	1	177,540	0	0
ALEXANDER S INC	REIT	014752109	511	1,359	SH	SOLE	1	1,359	0	0
ALEXANDRIA REAL ESTATE EQUIT	REIT	015271109	5,682	39,859	SH	SOLE	1	39,859	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	13,350	98,756	SH	SOLE	1	98,756	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,659	20,055	SH	SOLE	1	20,055	0	0
ALICO INC	COM	016230104	52	1,899	SH	SOLE	1	1,899	0	0
ALIGN TECHNOLOGY INC	COM	016255101	9,733	34,230	SH	SOLE	1	34,230	0	0
ALKERMES PLC	COM	G01767105	266	7,286	SH	SOLE	1	7,286	0	0
ALLAKOS INC	COM	01671P100	367	9,059	SH	SOLE	1	9,059	0	0
ALLEGHANY CORP	COM	017175100	17,921	29,263	SH	SOLE	1	29,263	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	8,402	328,569	SH	SOLE	1	328,569	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	253	7,506	SH	SOLE	1	7,506	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,261	9,743	SH	SOLE	1	9,743	0	0
ALLEGION PLC	COM	G0176J109	3,025	33,347	SH	SOLE	1	33,347	0	0
ALLENA PHARMACEUTICALS INC	COM	018119107	52	7,394	SH	SOLE	1	7,394	0	0
ALLERGAN PLC	COM	G0177J108	15,408	105,241	SH	SOLE	1	105,241	0	0
ALLETE INC	COM	018522300	11,078	134,720	SH	SOLE	1	134,720	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2,945	16,831	SH	SOLE	1	16,831	0	0
ALLIANT ENERGY CORP	COM	018802108	3,866	82,035	SH	SOLE	1	82,035	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	153	4,457	SH	SOLE	1	4,457	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	120	2,678	SH	SOLE	1	2,678	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	406	14,047	SH	SOLE	1	14,047	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,292	449,883	SH	SOLE	1	449,883	0	0
ALLSTATE CORP	COM	020002101	17,588	186,745	SH	SOLE	1	186,745	0	0
ALLY FINANCIAL INC	COM	02005N100	205	7,459	SH	SOLE	1	7,459	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	277	2,964	SH	SOLE	1	2,964	0	0
ALPHA (PLUS) OMEGA SEMICONDUCTOR	COM	G6331P104	146	12,653	SH	SOLE	1	12,653	0	0
ALPHABET INC CL A	COM	02079K305	166,764	141,699	SH	SOLE	1	141,699	0	0
ALPHABET INC CL C	COM	02079K107	143,959	122,695	SH	SOLE	1	122,695	0	0
ALTA MESA RESOURCES INC A	COM	02133L109	17	63,547	SH	SOLE	1	63,547	0	0
ALTAIR ENGINEERING INC A	COM	021369103	586	15,908	SH	SOLE	1	15,908	0	0
ALTERYX INC CLASS A	COM	02156B103	1,565	18,654	SH	SOLE	1	18,654	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	149	6,279	SH	SOLE	1	6,279	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,189	38,287	SH	SOLE	1	38,287	0	0
ALTRIA GROUP INC	COM	02209S103	391,850	6,823,091	SH	SOLE	1	6,823,091	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	335	25,977	SH	SOLE	1	25,977	0	0

AMALGAMATED BK OF NEW YORK A	COM	022663108	118	7,543 SH	SOLE	1	7,543	0	0
AMAZON.COM INC	COM	023135106	286,435	160,851 SH	SOLE	1	160,851	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	620	34,234 SH	SOLE	1	34,234	0	0
AMBARELLA INC	COM	G037AX101	854	19,773 SH	SOLE	1	19,773	0	0
AMBER ROAD INC	COM	02318Y108	132	15,190 SH	SOLE	1	15,190	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	492	33,145 SH	SOLE	1	33,145	0	0
AMC NETWORKS INC A	COM	00164V103	5,078	89,468 SH	SOLE	1	89,468	0	0
AMDOCS LTD	COM	G02602103	135	2,504 SH	SOLE	1	2,504	0	0
AMEDISYS INC	COM	023436108	9,200	74,641 SH	SOLE	1	74,641	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	184	5,260 SH	SOLE	1	5,260	0	0
AMERCO	COM	023586100	46	123 SH	SOLE	1	123	0	0
AMEREN CORPORATION	COM	023608102	6,159	83,743 SH	SOLE	1	83,743	0	0
AMERESCO INC CL A	COM	02361E108	195	12,066 SH	SOLE	1	12,066	0	0
AMERICA S CAR MART INC	COM	03062T105	336	3,679 SH	SOLE	1	3,679	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	5,779	181,959 SH	SOLE	1	181,959	0	0
AMERICAN ASSETS TRUST INC	REIT	024013104	1,331	29,015 SH	SOLE	1	29,015	0	0
AMERICAN AXLE (PLUS) MFG HOLDINGS	COM	024061103	1,206	84,247 SH	SOLE	1	84,247	0	0
AMERICAN CAMPUS COMMUNITIES	REIT	024835100	13,004	273,305 SH	SOLE	1	273,305	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	9,628	434,268 SH	SOLE	1	434,268	0	0
AMERICAN ELECTRIC POWER	COM	025537101	13,906	166,043 SH	SOLE	1	166,043	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,832	67,800 SH	SOLE	1	67,800	0	0
AMERICAN EXPRESS CO	COM	025816109	29,075	266,011 SH	SOLE	1	266,011	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	13,542	140,752 SH	SOLE	1	140,752	0	0
AMERICAN HOMES 4 RENT A	REIT	02665T306	103	4,529 SH	SOLE	1	4,529	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	12,602	292,671 SH	SOLE	1	292,671	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	16	129 SH	SOLE	1	129	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	320	34,265 SH	SOLE	1	34,265	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	366	12,154 SH	SOLE	1	12,154	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	16	1,319 SH	SOLE	1	1,319	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	51	8,339 SH	SOLE	1	8,339	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	218	18,232 SH	SOLE	1	18,232	0	0
AMERICAN STATES WATER CO	COM	029899101	1,973	27,676 SH	SOLE	1	27,676	0	0
AMERICAN TOWER CORP	REIT	03027X100	34,606	175,612 SH	SOLE	1	175,612	0	0
AMERICAN VANGUARD CORP	COM	030371108	374	21,724 SH	SOLE	1	21,724	0	0

AMERICAN WATER WORKS CO INC	COM	030420103	11,842	113,582	SH	SOLE	1	113,582	0	0
AMERICAN WOODMARK CORP	COM	030506109	880	10,655	SH	SOLE	1	10,655	0	0
AMERICOLD REALTY TRUST	REIT	03064D108	2,473	81,070	SH	SOLE	1	81,070	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	7,009	54,715	SH	SOLE	1	54,715	0	0
AMERIS BANCORP	COM	03076K108	1,090	31,736	SH	SOLE	1	31,736	0	0
AMERISAFE INC	COM	03071H100	859	14,455	SH	SOLE	1	14,455	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,474	56,264	SH	SOLE	1	56,264	0	0
AMES NATIONAL CORP	COM	031001100	151	5,492	SH	SOLE	1	5,492	0	0
AMETEK INC	COM	031100100	8,171	98,487	SH	SOLE	1	98,487	0	0
AMGEN INC	COM	031162100	58,518	308,020	SH	SOLE	1	308,020	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,642	120,712	SH	SOLE	1	120,712	0	0
AMKOR TECHNOLOGY INC	COM	031652100	557	65,273	SH	SOLE	1	65,273	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,649	35,013	SH	SOLE	1	35,013	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	785	55,432	SH	SOLE	1	55,432	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	541	26,496	SH	SOLE	1	26,496	0	0
AMPHENOL CORP CL A	COM	032095101	10,308	109,144	SH	SOLE	1	109,144	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	35	62,427	SH	SOLE	1	62,427	0	0
AMYRIS INC	COM	03236M200	44	21,025	SH	SOLE	1	21,025	0	0
ANADARKO PETROLEUM CORP	COM	032511107	9,381	206,269	SH	SOLE	1	206,269	0	0
ANALOG DEVICES INC	COM	032654105	16,788	159,475	SH	SOLE	1	159,475	0	0
ANAPLAN INC	COM	03272L108	452	11,474	SH	SOLE	1	11,474	0	0
ANAPTYSBIO INC	COM	032724106	984	13,469	SH	SOLE	1	13,469	0	0
ANDERSONS INC/THE	COM	034164103	659	20,456	SH	SOLE	1	20,456	0	0
ANGIODYNAMICS INC	COM	03475V101	631	27,613	SH	SOLE	1	27,613	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	428	6,072	SH	SOLE	1	6,072	0	0
ANIKA THERAPEUTICS INC	COM	035255108	318	10,531	SH	SOLE	1	10,531	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,245	22,192	SH	SOLE	1	22,192	0	0
ANNALY CAPITAL MANAGEMENT IN	REIT	035710409	407	40,692	SH	SOLE	1	40,692	0	0
ANSYS INC	COM	03662Q105	5,327	29,154	SH	SOLE	1	29,154	0	0
ANTARES PHARMA INC	COM	036642106	279	92,061	SH	SOLE	1	92,061	0	0
ANTERO RESOURCES CORP	COM	03674X106	103	11,712	SH	SOLE	1	11,712	0	0
ANTHEM INC	COM	036752103	24,827	86,511	SH	SOLE	1	86,511	0	0
ANWORTH MORTGAGE ASSET CORP	REIT	037347101	251	62,113	SH	SOLE	1	62,113	0	0
AON PLC	COM	G0408V102	15,786	92,476	SH	SOLE	1	92,476	0	0
APACHE CORP	COM	037411105	5,565	160,560	SH	SOLE	1	160,560	0	0
APARTMENT INVT (PLUS) MGMT CO A	REIT	03748R754	2,749	54,656	SH	SOLE	1	54,656	0	0



APELLIS PHARMACEUTICALS INC	COM	03753U106	449	23,030	SH	SOLE	1	23,030	0	0
APERGY CORP	COM	03755L104	6,335	154,292	SH	SOLE	1	154,292	0	0
APOGEE ENTERPRISES INC	COM	037598109	759	20,240	SH	SOLE	1	20,240	0	0
APOLLO COMMERCIAL REAL ESTAT	REIT	03762U105	1,674	91,961	SH	SOLE	1	91,961	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	40	2,166	SH	SOLE	1	2,166	0	0
APPFOLIO INC A	COM	03783C100	791	9,956	SH	SOLE	1	9,956	0	0
APPLE HOSPITALITY REIT INC	REIT	03784Y200	62	3,795	SH	SOLE	1	3,795	0	0
APPLE INC	COM	037833100	368,625	1,940,644	SH	SOLE	1	1,940,644	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,719	28,908	SH	SOLE	1	28,908	0	0
APPLIED MATERIALS INC	COM	038222105	16,275	410,359	SH	SOLE	1	410,359	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	175	14,327	SH	SOLE	1	14,327	0	0
APPROACH RESOURCES INC	COM	03834A103	10	28,725	SH	SOLE	1	28,725	0	0
APTARGROUP INC	COM	038336103	13,353	125,508	SH	SOLE	1	125,508	0	0
APTINYX INC	COM	03836N103	36	8,812	SH	SOLE	1	8,812	0	0
APTIV PLC	COM	G6095L109	8,307	104,502	SH	SOLE	1	104,502	0	0
AQUA AMERICA INC	COM	03836W103	12,948	355,326	SH	SOLE	1	355,326	0	0
AQUANTIA CORP	COM	03842Q108	127	13,976	SH	SOLE	1	13,976	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	135	6,953	SH	SOLE	1	6,953	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	50	7,211	SH	SOLE	1	7,211	0	0
ARAMARK	COM	03852U106	127	4,282	SH	SOLE	1	4,282	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	106	29,558	SH	SOLE	1	29,558	0	0
ARBOR REALTY TRUST INC	REIT	038923108	605	46,670	SH	SOLE	1	46,670	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	81	22,516	SH	SOLE	1	22,516	0	0
ARCBEST CORP	COM	03937C105	597	19,386	SH	SOLE	1	19,386	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	729	22,565	SH	SOLE	1	22,565	0	0
ARCH COAL INC A	COM	039380407	1,018	11,156	SH	SOLE	1	11,156	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,556	198,381	SH	SOLE	1	198,381	0	0
ARCHROCK INC	COM	03957W106	944	96,482	SH	SOLE	1	96,482	0	0
ARCONIC INC	COM	03965L100	2,921	152,859	SH	SOLE	1	152,859	0	0
ARCOSA INC	COM	039653100	201	6,592	SH	SOLE	1	6,592	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	250	20,013	SH	SOLE	1	20,013	0	0
ARDAGH GROUP SA	COM	L0223L101	4	324	SH	SOLE	1	324	0	0
ARDELYX INC	COM	039697107	78	27,876	SH	SOLE	1	27,876	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	131	21,304	SH	SOLE	1	21,304	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,419	31,655	SH	SOLE	1	31,655	0	0
ARES COMMERCIAL REAL ESTATE	REIT	04013V108	260	17,089	SH	SOLE	1	17,089	0	0
ARGAN INC	COM	04010E109	466	9,338	SH	SOLE	1	9,338	0	0

ARGO GROUP INTERNATIONAL	COM	G0464B107	1,461	20,675	SH	SOLE	1	20,675	0	0
ARISTA NETWORKS INC	COM	040413106	5,794	18,426	SH	SOLE	1	18,426	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	151	18,983	SH	SOLE	1	18,983	0	0
ARLO TECHNOLOGIES INC W/I	COM	04206A101	230	55,771	SH	SOLE	1	55,771	0	0
ARMADA HOFFLER PROPERTIES IN	REIT	04208T108	583	37,420	SH	SOLE	1	37,420	0	0
ARMOUR RESIDENTIAL REIT INC	REIT	042315507	772	39,525	SH	SOLE	1	39,525	0	0
ARMSTRONG FLOORING INC	COM	04238R106	184	13,560	SH	SOLE	1	13,560	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	80	1,005	SH	SOLE	1	1,005	0	0
ARQULE INC	COM	04269E107	331	69,148	SH	SOLE	1	69,148	0	0
ARRAY BIOPHARMA INC	COM	04269X105	3,284	134,700	SH	SOLE	1	134,700	0	0
ARRIS INTERNATIONAL PLC	COM	G0551A103	10,320	326,464	SH	SOLE	1	326,464	0	0
ARROW ELECTRONICS INC	COM	042735100	14,284	185,358	SH	SOLE	1	185,358	0	0
ARROW FINANCIAL CORP	COM	042744102	256	7,788	SH	SOLE	1	7,788	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,096	59,708	SH	SOLE	1	59,708	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	188	5,057	SH	SOLE	1	5,057	0	0
ARTHUR J GALLAGHER (PLUS) CO	COM	363576109	4,973	63,680	SH	SOLE	1	63,680	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	771	30,645	SH	SOLE	1	30,645	0	0
ARVINAS INC	COM	04335A105	73	4,956	SH	SOLE	1	4,956	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,018	14,673	SH	SOLE	1	14,673	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	143	132,157	SH	SOLE	1	132,157	0	0
ASGN INC	COM	00191U102	8,664	136,469	SH	SOLE	1	136,469	0	0
ASHFORD HOSPITALITY TRUST	REIT	044103109	264	55,516	SH	SOLE	1	55,516	0	0
ASHFORD INC	COM	044104107	23	422	SH	SOLE	1	422	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	9,758	124,891	SH	SOLE	1	124,891	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	818	4,348	SH	SOLE	1	4,348	0	0
ASPEN TECHNOLOGY INC	COM	045327103	172	1,646	SH	SOLE	1	1,646	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	264	13,405	SH	SOLE	1	13,405	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	229	45,072	SH	SOLE	1	45,072	0	0
ASSOCIATED BANC CORP	COM	045487105	6,999	327,803	SH	SOLE	1	327,803	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	59	1,487	SH	SOLE	1	1,487	0	0
ASSURANT INC	COM	04621X108	4,514	47,565	SH	SOLE	1	47,565	0	0
ASSURED GUARANTY LTD	COM	G0585R106	81	1,830	SH	SOLE	1	1,830	0	0
ASTEC INDUSTRIES INC	COM	046224101	646	17,116	SH	SOLE	1	17,116	0	0
ASTRONICS CORP	COM	046433108	446	13,629	SH	SOLE	1	13,629	0	0
ASURE SOFTWARE INC	COM	04649U102	49	8,007	SH	SOLE	1	8,007	0	0
AT HOME GROUP INC	COM	04650Y100	511	28,630	SH	SOLE	1	28,630	0	0

AT(PLUS)T INC	COM	00206R102	80,046	2,552,476	SH	SOLE	1	2,552,476	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	1,063	26,749	SH	SOLE	1	26,749	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	114	2,783	SH	SOLE	1	2,783	0	0
ATHENEX INC	COM	04685N103	343	28,032	SH	SOLE	1	28,032	0	0
ATHERSYS INC	COM	04744L106	111	74,298	SH	SOLE	1	74,298	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	536	24,890	SH	SOLE	1	24,890	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	282	15,806	SH	SOLE	1	15,806	0	0
ATLANTIC POWER CORP	COM	04878Q863	174	69,217	SH	SOLE	1	69,217	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	917	18,139	SH	SOLE	1	18,139	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	261	2,319	SH	SOLE	1	2,319	0	0
ATMOS ENERGY CORP	COM	049560105	4,630	44,983	SH	SOLE	1	44,983	0	0
ATN INTERNATIONAL INC	COM	00215F107	448	7,942	SH	SOLE	1	7,942	0	0
ATRICURE INC	COM	04963C209	630	23,510	SH	SOLE	1	23,510	0	0
ATRION CORPORATION	COM	049904105	799	909	SH	SOLE	1	909	0	0
AUBURN NATL BANCORPORATION	COM	050473107	59	1,508	SH	SOLE	1	1,508	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	926	23,722	SH	SOLE	1	23,722	0	0
AUTODESK INC	COM	052769106	15,474	99,307	SH	SOLE	1	99,307	0	0
AUTOHOME INC ADR	ADR	05278C107	94	896	SH	SOLE	1	896	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	44,538	278,816	SH	SOLE	1	278,816	0	0
AUTONATION INC	COM	05329W102	4,105	114,926	SH	SOLE	1	114,926	0	0
AUTOZONE INC	COM	053332102	8,893	8,684	SH	SOLE	1	8,684	0	0
AVALARA INC	COM	05338G106	985	17,656	SH	SOLE	1	17,656	0	0
AVALONBAY COMMUNITIES INC	REIT	053484101	11,117	55,384	SH	SOLE	1	55,384	0	0
AVANGRID INC	COM	05351W103	49	983	SH	SOLE	1	983	0	0
AVANOS MEDICAL INC	COM	05350V106	5,280	123,717	SH	SOLE	1	123,717	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,124	66,784	SH	SOLE	1	66,784	0	0
AVEO PHARMACEUTICALS INC	COM	053588109	56	68,346	SH	SOLE	1	68,346	0	0
AVERY DENNISON CORP	COM	053611109	3,787	33,510	SH	SOLE	1	33,510	0	0
AVID BIOSERVICES INC	COM	05368M106	137	32,315	SH	SOLE	1	32,315	0	0
AVID TECHNOLOGY INC	COM	05367P100	131	17,522	SH	SOLE	1	17,522	0	0
AVIS BUDGET GROUP INC	COM	053774105	5,836	167,421	SH	SOLE	1	167,421	0	0
AVISTA CORP	COM	05379B107	2,013	49,559	SH	SOLE	1	49,559	0	0
AVNET INC	COM	053807103	9,382	216,317	SH	SOLE	1	216,317	0	0
AVON PRODUCTS INC	COM	054303102	153	52,138	SH	SOLE	1	52,138	0	0
AVROBIO INC	COM	05455M100	179	8,111	SH	SOLE	1	8,111	0	0
AVX CORP	COM	002444107	516	29,765	SH	SOLE	1	29,765	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	70	3,488	SH	SOLE	1	3,488	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	241	9,579	SH	SOLE	1	9,579	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	494	24,540	SH	SOLE	1	24,540	0	0

AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	82	1,489	SH	SOLE	1	1,489	0	0
AXOGEN INC	COM	05463X106	455	21,624	SH	SOLE	1	21,624	0	0
AXON ENTERPRISE INC	COM	05464C101	2,372	43,594	SH	SOLE	1	43,594	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	106	4,419	SH	SOLE	1	4,419	0	0
AXOS FINANCIAL INC	COM	05465C100	1,254	43,291	SH	SOLE	1	43,291	0	0
AXT INC	COM	00246W103	108	24,261	SH	SOLE	1	24,261	0	0
AZZ INC	COM	002474104	802	19,586	SH	SOLE	1	19,586	0	0
B. RILEY FINANCIAL INC	COM	05580M108	221	13,259	SH	SOLE	1	13,259	0	0
B(PLUS)G FOODS INC	COM	05508R106	1,213	49,655	SH	SOLE	1	49,655	0	0
BABCOCK (PLUS) WILCOX ENTERPR	COM	05614L100	8	20,438	SH	SOLE	1	20,438	0	0
BADGER METER INC	COM	056525108	1,205	21,649	SH	SOLE	1	21,649	0	0
BAIDU INC SPON ADR	ADR	056752108	3,573	21,673	SH	SOLE	1	21,673	0	0
BAKER HUGHES A GE CO	COM	05722G100	6,934	250,134	SH	SOLE	1	250,134	0	0
BALCHEM CORP	COM	057665200	2,251	24,258	SH	SOLE	1	24,258	0	0
BALL CORP	COM	058498106	7,875	136,102	SH	SOLE	1	136,102	0	0
BANC OF CALIFORNIA INC	COM	05990K106	449	32,468	SH	SOLE	1	32,468	0	0
BANCFIRST CORP	COM	05945F103	600	11,496	SH	SOLE	1	11,496	0	0
BANCORP INC/THE	COM	05969A105	927	114,775	SH	SOLE	1	114,775	0	0
BANCORPSOUTH BANK	COM	05971J102	6,756	239,400	SH	SOLE	1	239,400	0	0
BANK OF AMERICA CORP	COM	060505104	84,297	3,055,335	SH	SOLE	1	3,055,335	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	104	9,895	SH	SOLE	1	9,895	0	0
BANK OF HAWAII CORP	COM	062540109	6,484	82,210	SH	SOLE	1	82,210	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	353	8,675	SH	SOLE	1	8,675	0	0
BANK OF N.T. BUTTERFIELD(PLUS)SON	COM	G0772R208	1,280	35,673	SH	SOLE	1	35,673	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	19,040	377,558	SH	SOLE	1	377,558	0	0
BANK OZK	COM	06417N103	6,988	241,123	SH	SOLE	1	241,123	0	0
BANK7 CORP	COM	06652N107	38	2,188	SH	SOLE	1	2,188	0	0
BANKFINANCIAL CORP	COM	06643P104	121	8,154	SH	SOLE	1	8,154	0	0
BANKUNITED INC	COM	06652K103	61	1,821	SH	SOLE	1	1,821	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	115	3,939	SH	SOLE	1	3,939	0	0
BANNER CORPORATION	COM	06652V208	1,307	24,125	SH	SOLE	1	24,125	0	0
BAR HARBOR BANKSHARES	COM	066849100	252	9,725	SH	SOLE	1	9,725	0	0
BARNES (PLUS) NOBLE EDUCATION INC	COM	06777U101	122	29,141	SH	SOLE	1	29,141	0	0
BARNES (PLUS) NOBLE INC	COM	067774109	243	44,748	SH	SOLE	1	44,748	0	0
BARNES GROUP INC	COM	067806109	1,854	36,054	SH	SOLE	1	36,054	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	350	4,530	SH	SOLE	1	4,530	0	0
BASIC ENERGY SERVICES INC	COM	06985P209	46	12,235	SH	SOLE	1	12,235	0	0
BASSETT FURNITURE INDS	COM	070203104	106	6,444	SH	SOLE	1	6,444	0	0

BAXTER INTERNATIONAL INC	COM	071813109	16,788	206,463	SH	SOLE	1	206,463	0	0
BAYCOM CORP	COM	07272M107	148	6,527	SH	SOLE	1	6,527	0	0
BB(PLUS)T CORP	COM	054937107	15,926	342,275	SH	SOLE	1	342,275	0	0
BBX CAPITAL CORP	COM	05491N104	248	41,855	SH	SOLE	1	41,855	0	0
BCB BANCORP INC	COM	055298103	117	8,750	SH	SOLE	1	8,750	0	0
BCE INC	COM	05534B950	1,786	40,218	SH	SOLE	1	40,218	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,399	43,488	SH	SOLE	1	43,488	0	0
BEASLEY BROADCAST GRP INC A	COM	074014101	20	5,078	SH	SOLE	1	5,078	0	0
BEAZER HOMES USA INC	COM	07556Q881	221	19,159	SH	SOLE	1	19,159	0	0
BECTON DICKINSON AND CO	COM	075887109	22,117	88,564	SH	SOLE	1	88,564	0	0
BED BATH (PLUS) BEYOND INC	COM	075896100	6,046	355,844	SH	SOLE	1	355,844	0	0
BEIGENE LTD ADR	ADR	07725L102	476	3,608	SH	SOLE	1	3,608	0	0
BEL FUSE INC CL B	COM	077347300	189	7,481	SH	SOLE	1	7,481	0	0
BELDEN INC	COM	077454106	5,567	103,672	SH	SOLE	1	103,672	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	87	25,683	SH	SOLE	1	25,683	0	0
BELMOND LTD CLASS A	COM	G1154H107	1,688	67,712	SH	SOLE	1	67,712	0	0
BEMIS COMPANY	COM	081437105	10,088	181,826	SH	SOLE	1	181,826	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	861	32,802	SH	SOLE	1	32,802	0	0
BENEFITFOCUS INC	COM	08180D106	890	17,968	SH	SOLE	1	17,968	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	129,274	643,508	SH	SOLE	1	643,508	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	838	30,749	SH	SOLE	1	30,749	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	145	2,692	SH	SOLE	1	2,692	0	0
BERRY PETROLEUM CORP	COM	08579X101	408	35,341	SH	SOLE	1	35,341	0	0
BEST BUY CO INC	COM	086516101	8,292	116,690	SH	SOLE	1	116,690	0	0
BG STAFFING INC	COM	05544A109	117	5,354	SH	SOLE	1	5,354	0	0
BGC PARTNERS INC CL A	COM	05541T101	24	4,587	SH	SOLE	1	4,587	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	41	12,803	SH	SOLE	1	12,803	0	0
BIG LOTS INC	COM	089302103	1,153	30,337	SH	SOLE	1	30,337	0	0
BIGLARI HOLDINGS INC A	COM	08986R408	46	62	SH	SOLE	1	62	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	84	596	SH	SOLE	1	596	0	0
BIO RAD LABORATORIES A	COM	090572207	14,762	48,293	SH	SOLE	1	48,293	0	0
BIO TECHNE CORP	COM	09073M104	14,997	75,534	SH	SOLE	1	75,534	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	566	69,582	SH	SOLE	1	69,582	0	0
BIOGEN INC	COM	09062X103	21,382	90,455	SH	SOLE	1	90,455	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,025	19,922	SH	SOLE	1	19,922	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,604	18,062	SH	SOLE	1	18,062	0	0
BIOSCRIP INC	COM	09069N108	161	80,695	SH	SOLE	1	80,695	0	0

BIOSPECIFICS TECHNOLOGIES	COM	090931106	229	3,669	SH	SOLE	1	3,669	0	0
BIOTELEMETRY INC	COM	090672106	1,564	24,983	SH	SOLE	1	24,983	0	0
BIOTIME INC	COM	09066L105	94	71,975	SH	SOLE	1	71,975	0	0
BJ S RESTAURANTS INC	COM	09180C106	749	15,837	SH	SOLE	1	15,837	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	2,230	81,375	SH	SOLE	1	81,375	0	0
BLACK HILLS CORP	COM	092113109	10,440	140,945	SH	SOLE	1	140,945	0	0
BLACK KNIGHT INC	COM	09215C105	181	3,317	SH	SOLE	1	3,317	0	0
BLACKBAUD INC	COM	09227Q100	10,110	126,804	SH	SOLE	1	126,804	0	0
BLACKLINE INC	COM	09239B109	1,086	23,446	SH	SOLE	1	23,446	0	0
BLACKROCK INC	COM	09247X101	22,305	52,191	SH	SOLE	1	52,191	0	0
BLACKSTONE MORTGAGE TRU CL A	REIT	09257W100	2,520	72,905	SH	SOLE	1	72,905	0	0
BLOOMIN BRANDS INC	COM	094235108	1,082	52,909	SH	SOLE	1	52,909	0	0
BLUCORA INC	COM	095229100	1,203	36,034	SH	SOLE	1	36,034	0	0
BLUE BIRD CORP	COM	095306106	163	9,625	SH	SOLE	1	9,625	0	0
BLUE HILLS BANCORP INC	COM	095573101	351	14,666	SH	SOLE	1	14,666	0	0
BLUEBIRD BIO INC	COM	09609G100	181	1,151	SH	SOLE	1	1,151	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	71	4,755	SH	SOLE	1	4,755	0	0
BLUELINX HOLDINGS INC	COM	09624H208	151	5,681	SH	SOLE	1	5,681	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,111	26,367	SH	SOLE	1	26,367	0	0
BLUEROCK RESIDENTIAL GROWTH	REIT	09627J102	164	15,241	SH	SOLE	1	15,241	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	760	42,992	SH	SOLE	1	42,992	0	0
BOEING CO/THE	COM	097023105	77,893	204,218	SH	SOLE	1	204,218	0	0
BOINGO WIRELESS INC	COM	09739C102	609	26,167	SH	SOLE	1	26,167	0	0
BOISE CASCADE CO	COM	09739D100	786	29,359	SH	SOLE	1	29,359	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	49	599	SH	SOLE	1	599	0	0
BONANZA CREEK ENERGY INC	COM	097793400	323	14,225	SH	SOLE	1	14,225	0	0
BOOKING HOLDINGS INC	COM	09857L108	38,238	21,914	SH	SOLE	1	21,914	0	0
BOOT BARN HOLDINGS INC	COM	099406100	526	17,856	SH	SOLE	1	17,856	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	187	3,215	SH	SOLE	1	3,215	0	0
BORGWARNER INC	COM	099724106	2,826	73,577	SH	SOLE	1	73,577	0	0
BOSTON BEER COMPANY INC A	COM	100557107	6,626	22,481	SH	SOLE	1	22,481	0	0
BOSTON OMAHA CORP CL A	COM	101044105	80	3,221	SH	SOLE	1	3,221	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	691	63,015	SH	SOLE	1	63,015	0	0
BOSTON PROPERTIES INC	REIT	101121101	7,447	55,621	SH	SOLE	1	55,621	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,276	450,135	SH	SOLE	1	450,135	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,571	31,360	SH	SOLE	1	31,360	0	0
BOX INC CLASS A	COM	10316T104	1,553	80,400	SH	SOLE	1	80,400	0	0
BOYD GAMING CORP	COM	103304101	5,759	210,500	SH	SOLE	1	210,500	0	0

BRADY CORPORATION CL A	COM	104674106	1,679	36,184	SH	SOLE	1	36,184	0	0
BRAEMAR HOTELS (PLUS) RESORTS INC	REIT	10482B101	228	18,658	SH	SOLE	1	18,658	0	0
BRANDYWINE REALTY TRUST	REIT	105368203	49	3,077	SH	SOLE	1	3,077	0	0
BRIDGE BANCORP INC	COM	108035106	310	10,583	SH	SOLE	1	10,583	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	152	14,782	SH	SOLE	1	14,782	0	0
BRIGGS (PLUS) STRATTON	COM	109043109	368	31,085	SH	SOLE	1	31,085	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	163	1,284	SH	SOLE	1	1,284	0	0
BRIGHTCOVE	COM	10921T101	194	23,020	SH	SOLE	1	23,020	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	1,502	41,376	SH	SOLE	1	41,376	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	G1644T109	696	51,323	SH	SOLE	1	51,323	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	275	19,106	SH	SOLE	1	19,106	0	0
BRINK S CO/THE	COM	109696104	9,820	130,222	SH	SOLE	1	130,222	0	0
BRINKER INTERNATIONAL INC	COM	109641100	4,353	98,074	SH	SOLE	1	98,074	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	27,384	573,969	SH	SOLE	1	573,969	0	0
BRISTOW GROUP INC	COM	110394103	23	20,981	SH	SOLE	1	20,981	0	0
BRIXMOR PROPERTY GROUP INC	REIT	11120U105	10,943	595,710	SH	SOLE	1	595,710	0	0
BROADCOM INC	COM	11135F101	51,408	170,957	SH	SOLE	1	170,957	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,176	40,277	SH	SOLE	1	40,277	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	785	119,245	SH	SOLE	1	119,245	0	0
BROOKFIELD PROPERTY REIT I A	REIT	11282X103	45	2,212	SH	SOLE	1	2,212	0	0
BROOKLINE BANCORP INC	COM	11373M107	861	59,798	SH	SOLE	1	59,798	0	0
BROOKS AUTOMATION INC	COM	114340102	1,545	52,693	SH	SOLE	1	52,693	0	0
BROWN (PLUS) BROWN INC	COM	115236101	13,667	463,147	SH	SOLE	1	463,147	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	61	1,199	SH	SOLE	1	1,199	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,199	60,611	SH	SOLE	1	60,611	0	0
BRT APARTMENTS CORP	REIT	055645303	86	6,217	SH	SOLE	1	6,217	0	0
BRUKER CORP	COM	116794108	77	1,995	SH	SOLE	1	1,995	0	0
BRUNSWICK CORP	COM	117043109	8,739	173,628	SH	SOLE	1	173,628	0	0
BRYN MAWR BANK CORP	COM	117665109	459	12,715	SH	SOLE	1	12,715	0	0
BSB BANCORP INC/MA	COM	05573H108	176	5,372	SH	SOLE	1	5,372	0	0
BUCKLE INC/THE	COM	118440106	407	21,720	SH	SOLE	1	21,720	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	962	72,082	SH	SOLE	1	72,082	0	0
BUNGE LTD	COM	G16962105	131	2,467	SH	SOLE	1	2,467	0	0
BURLINGTON STORES INC	COM	122017106	244	1,558	SH	SOLE	1	1,558	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	167	6,798	SH	SOLE	1	6,798	0	0
BWX TECHNOLOGIES INC	COM	05605H100	115	2,324	SH	SOLE	1	2,324	0	0

BYLINE BANCORP INC	COM	124411109	192	10,394	SH	SOLE	1	10,394	0	0
C (PLUS) F FINANCIAL CORP	COM	12466Q104	107	2,112	SH	SOLE	1	2,112	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	15,940	183,241	SH	SOLE	1	183,241	0	0
C(PLUS)J ENERGY SERVICES INC	COM	12674R100	741	47,737	SH	SOLE	1	47,737	0	0
CABLE ONE INC	COM	12685J105	9,724	9,908	SH	SOLE	1	9,908	0	0
CABOT CORP	COM	127055101	4,943	118,736	SH	SOLE	1	118,736	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	2,411	21,532	SH	SOLE	1	21,532	0	0
CABOT OIL (PLUS) GAS CORP	COM	127097103	4,913	188,220	SH	SOLE	1	188,220	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	11,799	64,824	SH	SOLE	1	64,824	0	0
CACTUS INC A	COM	127203107	863	24,231	SH	SOLE	1	24,231	0	0
CADENCE BANCORP	COM	12739A100	1,423	76,715	SH	SOLE	1	76,715	0	0
CADENCE DESIGN SYS INC	COM	127387108	7,364	115,949	SH	SOLE	1	115,949	0	0
CADIZ INC	COM	127537207	140	14,418	SH	SOLE	1	14,418	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	10,104	1,162,711	SH	SOLE	1	1,162,711	0	0
CAESARSTONE LTD	COM	M20598104	228	14,619	SH	SOLE	1	14,619	0	0
CAI INTERNATIONAL INC	COM	12477X106	255	10,979	SH	SOLE	1	10,979	0	0
CAL MAINE FOODS INC	COM	128030202	1,047	23,459	SH	SOLE	1	23,459	0	0
CALAMP CORP	COM	128126109	318	25,304	SH	SOLE	1	25,304	0	0
CALAVO GROWERS INC	COM	128246105	1,003	11,956	SH	SOLE	1	11,956	0	0
CALERES INC	COM	129500104	788	31,901	SH	SOLE	1	31,901	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	741	28,821	SH	SOLE	1	28,821	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,970	36,299	SH	SOLE	1	36,299	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	142	21,071	SH	SOLE	1	21,071	0	0
CALIX INC	COM	13100M509	220	28,522	SH	SOLE	1	28,522	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,122	70,406	SH	SOLE	1	70,406	0	0
CALLON PETROLEUM CO	COM	13123X102	4,501	596,180	SH	SOLE	1	596,180	0	0
CALYXT INC	COM	13173L107	67	3,793	SH	SOLE	1	3,793	0	0
CAMBREX CORP	COM	132011107	984	25,332	SH	SOLE	1	25,332	0	0
CAMBRIDGE BANCORP	COM	132152109	195	2,356	SH	SOLE	1	2,356	0	0
CAMDEN NATIONAL CORP	COM	133034108	410	9,817	SH	SOLE	1	9,817	0	0
CAMDEN PROPERTY TRUST	REIT	133131102	19,550	192,607	SH	SOLE	1	192,607	0	0
CAMPBELL SOUP CO	COM	134429109	4,028	105,639	SH	SOLE	1	105,639	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	288	20,672	SH	SOLE	1	20,672	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,067	43,976	SH	SOLE	1	43,976	0	0
CANTEL MEDICAL CORP	COM	138098108	4,858	72,622	SH	SOLE	1	72,622	0	0
CAPITAL BANCORP INC/MD	COM	139737100	48	4,112	SH	SOLE	1	4,112	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	159	7,286	SH	SOLE	1	7,286	0	0



CAPITAL ONE FINANCIAL CORP	COM	14040H105	14,675	179,647	SH	SOLE	1	179,647	0	0
CAPITAL SENIOR LIVING CORP	COM	140475104	63	15,691	SH	SOLE	1	15,691	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,121	83,964	SH	SOLE	1	83,964	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	2,961	64,712	SH	SOLE	1	64,712	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	75	5,216	SH	SOLE	1	5,216	0	0
CAPSTEAD MORTGAGE CORP	REIT	14067E506	552	64,223	SH	SOLE	1	64,223	0	0
CARA THERAPEUTICS INC	COM	140755109	408	20,774	SH	SOLE	1	20,774	0	0
CARBO CERAMICS INC	COM	140781105	55	15,690	SH	SOLE	1	15,690	0	0
CARBON BLACK INC	COM	14081R103	342	24,526	SH	SOLE	1	24,526	0	0
CARBONITE INC	COM	141337105	510	20,576	SH	SOLE	1	20,576	0	0
CARDINAL HEALTH INC	COM	14149Y108	360,109	7,478,899	SH	SOLE	1	7,478,899	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	994	25,708	SH	SOLE	1	25,708	0	0
CARDLYTICS INC	COM	14161W105	63	3,792	SH	SOLE	1	3,792	0	0
CARDTRONICS PLC A	COM	G1991C105	1,058	29,722	SH	SOLE	1	29,722	0	0
CARE.COM INC	COM	141633107	313	15,840	SH	SOLE	1	15,840	0	0
CAREDX INC	COM	14167L103	706	22,387	SH	SOLE	1	22,387	0	0
CAREER EDUCATION CORP	COM	141665109	852	51,569	SH	SOLE	1	51,569	0	0
CARETRUST REIT INC	REIT	14174T107	1,491	63,572	SH	SOLE	1	63,572	0	0
CARGURUS INC	COM	141788109	1,278	31,910	SH	SOLE	1	31,910	0	0
CARLISLE COS INC	COM	142339100	14,012	114,271	SH	SOLE	1	114,271	0	0
CARMAX INC	COM	143130102	4,562	65,353	SH	SOLE	1	65,353	0	0
CARNIVAL CORP	COM	143658300	6,836	134,778	SH	SOLE	1	134,778	0	0
CAROLINA FINANCIAL CORP	COM	143873107	464	13,402	SH	SOLE	1	13,402	0	0
CARPENTER TECHNOLOGY	COM	144285103	5,659	123,427	SH	SOLE	1	123,427	0	0
CARRIAGE SERVICES INC	COM	143905107	216	11,226	SH	SOLE	1	11,226	0	0
CARRIZO OIL (PLUS) GAS INC	COM	144577103	821	65,802	SH	SOLE	1	65,802	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	221	22,154	SH	SOLE	1	22,154	0	0
CARS.COM INC	COM	14575E105	3,801	166,701	SH	SOLE	1	166,701	0	0
CARTER S INC	COM	146229109	9,178	91,064	SH	SOLE	1	91,064	0	0
CARVANA CO	COM	146869102	1,199	20,652	SH	SOLE	1	20,652	0	0
CASA SYSTEMS INC	COM	14713L102	137	16,552	SH	SOLE	1	16,552	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	987	27,745	SH	SOLE	1	27,745	0	0
CASEY S GENERAL STORES INC	COM	147528103	9,402	73,013	SH	SOLE	1	73,013	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	91	31,822	SH	SOLE	1	31,822	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	433	9,147	SH	SOLE	1	9,147	0	0
CASTLE BRANDS INC	COM	148435100	41	58,803	SH	SOLE	1	58,803	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	188	50,084	SH	SOLE	1	50,084	0	0
CATALENT INC	COM	148806102	11,796	290,622	SH	SOLE	1	290,622	0	0

CATALYST BIOSCIENCES INC	COM	14888D208	61	7,578 SH	SOLE	1	7,578	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	314	61,509 SH	SOLE	1	61,509	0	0
CATCHMARK TIMBER TRUST INC A	REIT	14912Y202	308	31,324 SH	SOLE	1	31,324	0	0
CATERPILLAR INC	COM	149123101	31,524	232,670 SH	SOLE	1	232,670	0	0
CATHAY GENERAL BANCORP	COM	149150104	6,800	200,540 SH	SOLE	1	200,540	0	0
CATO CORP CLASS A	COM	149205106	253	16,881 SH	SOLE	1	16,881	0	0
CAVCO INDUSTRIES INC	COM	149568107	760	6,464 SH	SOLE	1	6,464	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	71	2,978 SH	SOLE	1	2,978	0	0
CBIZ INC	COM	124805102	666	32,909 SH	SOLE	1	32,909	0	0
CBL (PLUS) ASSOCIATES PROPERTIES	REIT	124830100	199	128,456 SH	SOLE	1	128,456	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,723	39,005 SH	SOLE	1	39,005	0	0
CBRE GROUP INC A	COM	12504L109	5,851	118,327 SH	SOLE	1	118,327	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	5,924	124,627 SH	SOLE	1	124,627	0	0
CBTX INC	COM	12481V104	370	11,400 SH	SOLE	1	11,400	0	0
CDK GLOBAL INC	COM	12508E101	14,681	249,590 SH	SOLE	1	249,590	0	0
CDW CORP/DE	COM	12514G108	330	3,422 SH	SOLE	1	3,422	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	139	19,344 SH	SOLE	1	19,344	0	0
CEDAR REALTY TRUST INC	REIT	150602209	226	66,571 SH	SOLE	1	66,571	0	0
CELANESE CORP	COM	150870103	4,971	50,415 SH	SOLE	1	50,415	0	0
CELCUITY INC	COM	15102K100	81	3,706 SH	SOLE	1	3,706	0	0
CELGENE CORP	COM	151020104	30,080	318,851 SH	SOLE	1	318,851	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	128	7,400 SH	SOLE	1	7,400	0	0
CELSIUS HOLDINGS INC	COM	15118V207	62	14,567 SH	SOLE	1	14,567	0	0
CENTENE CORP	COM	15135B101	10,421	196,259 SH	SOLE	1	196,259	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	28	3,206 SH	SOLE	1	3,206	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,379	207,796 SH	SOLE	1	207,796	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,392	58,459 SH	SOLE	1	58,459	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	222	55,660 SH	SOLE	1	55,660	0	0
CENTRAL GARDEN (PLUS) PET CO	COM	153527106	200	7,841 SH	SOLE	1	7,841	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	723	31,098 SH	SOLE	1	31,098	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	619	21,468 SH	SOLE	1	21,468	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	144	7,349 SH	SOLE	1	7,349	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	335	37,669 SH	SOLE	1	37,669	0	0
CENTURY BANCORP INC CL A	COM	156432106	134	1,829 SH	SOLE	1	1,829	0	0
CENTURY CASINOS INC	COM	156492100	156	17,235 SH	SOLE	1	17,235	0	0

CENTURY COMMUNITIES INC	COM	156504300	400	16,686	SH	SOLE	1	16,686	0	0
CENTURYLINK INC	COM	156700106	4,962	413,874	SH	SOLE	1	413,874	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	42	820	SH	SOLE	1	820	0	0
CERNER CORP	COM	156782104	9,249	161,669	SH	SOLE	1	161,669	0	0
CERUS CORP	COM	157085101	535	85,821	SH	SOLE	1	85,821	0	0
CEVA INC	COM	157210105	443	16,449	SH	SOLE	1	16,449	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,583	87,655	SH	SOLE	1	87,655	0	0
CHANNELADVISOR CORP	COM	159179100	202	16,550	SH	SOLE	1	16,550	0	0
CHARAH SOLUTIONS INC	COM	15957P105	35	5,450	SH	SOLE	1	5,450	0	0
CHARLES RIVER LABORATORIES	COM	159864107	13,998	96,372	SH	SOLE	1	96,372	0	0
CHART INDUSTRIES INC	COM	16115Q308	2,116	23,373	SH	SOLE	1	23,373	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	24,697	71,191	SH	SOLE	1	71,191	0	0
CHASE CORP	COM	16150R104	428	4,620	SH	SOLE	1	4,620	0	0
CHATHAM LODGING TRUST	REIT	16208T102	669	34,750	SH	SOLE	1	34,750	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,236	25,585	SH	SOLE	1	25,585	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	5,353	109,433	SH	SOLE	1	109,433	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	515	16,585	SH	SOLE	1	16,585	0	0
CHEGG INC	COM	163092109	2,636	69,160	SH	SOLE	1	69,160	0	0
CHEMED CORP	COM	16359R103	10,220	31,929	SH	SOLE	1	31,929	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	7,690	186,826	SH	SOLE	1	186,826	0	0
CHEMOCENTRYX INC	COM	16383L106	199	14,327	SH	SOLE	1	14,327	0	0
CHEMOURS CO/THE	COM	163851108	12,421	334,244	SH	SOLE	1	334,244	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	100	2,129	SH	SOLE	1	2,129	0	0
CHENIERE ENERGY INC	COM	16411R208	625	9,146	SH	SOLE	1	9,146	0	0
CHERRY HILL MORTGAGE INVESTM	REIT	164651101	178	10,337	SH	SOLE	1	10,337	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	6,449	2,080,413	SH	SOLE	1	2,080,413	0	0
CHESAPEAKE LODGING TRUST	REIT	165240102	1,251	45,000	SH	SOLE	1	45,000	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	920	10,090	SH	SOLE	1	10,090	0	0
CHEVRON CORP	COM	166764100	493,368	4,005,259	SH	SOLE	1	4,005,259	0	0
CHICO S FAS INC	COM	168615102	397	93,049	SH	SOLE	1	93,049	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,161	11,936	SH	SOLE	1	11,936	0	0
CHIMERA INVESTMENT CORP	REIT	16934Q208	61	3,263	SH	SOLE	1	3,263	0	0
CHIMERIX INC	COM	16934W106	63	29,852	SH	SOLE	1	29,852	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	6,975	9,820	SH	SOLE	1	9,820	0	0
CHOICE HOTELS INTL INC	COM	169905106	63	809	SH	SOLE	1	809	0	0
CHROMADIX CORP	COM	171077407	103	24,542	SH	SOLE	1	24,542	0	0
CHUBB LTD	COM	H1467J104	29,386	209,780	SH	SOLE	1	209,780	0	0

CHURCH (PLUS) DWIGHT CO INC	COM	171340102	6,500	91,250	SH	SOLE	1	91,250	0	0
CHURCHILL DOWNS INC	COM	171484108	8,360	92,622	SH	SOLE	1	92,622	0	0
CHUY S HOLDINGS INC	COM	171604101	289	12,672	SH	SOLE	1	12,672	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	91	5,291	SH	SOLE	1	5,291	0	0
CIENA CORP	COM	171779309	14,032	375,781	SH	SOLE	1	375,781	0	0
CIGNA CORP	COM	125523100	20,162	125,367	SH	SOLE	1	125,367	0	0
CIMAREX ENERGY CO	COM	171798101	2,460	35,195	SH	SOLE	1	35,195	0	0
CIMPRESS NV	COM	N20146101	1,126	14,048	SH	SOLE	1	14,048	0	0
CINCINNATI BELL INC	COM	171871502	336	35,182	SH	SOLE	1	35,182	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,144	59,886	SH	SOLE	1	59,886	0	0
CINEMARK HOLDINGS INC	COM	17243V102	9,239	231,022	SH	SOLE	1	231,022	0	0
CINTAS CORP	COM	172908105	7,863	38,906	SH	SOLE	1	38,906	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	414	12,708	SH	SOLE	1	12,708	0	0
CIRRUS LOGIC INC	COM	172755100	6,513	154,814	SH	SOLE	1	154,814	0	0
CISCO SYSTEMS INC	COM	17275R102	585,369	10,842,173	SH	SOLE	1	10,842,173	0	0
CISION LTD	COM	G1992S109	588	42,726	SH	SOLE	1	42,726	0	0
CIT GROUP INC	COM	125581801	368	7,679	SH	SOLE	1	7,679	0	0
CITI TRENDS INC	COM	17306X102	148	7,649	SH	SOLE	1	7,649	0	0
CITIGROUP INC	COM	172967424	49,249	791,529	SH	SOLE	1	791,529	0	0
CITIZENS (PLUS) NORTHERN CORP	COM	172922106	189	7,562	SH	SOLE	1	7,562	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,153	220,084	SH	SOLE	1	220,084	0	0
CITIZENS INC	COM	174740100	210	31,555	SH	SOLE	1	31,555	0	0
CITRIX SYSTEMS INC	COM	177376100	5,334	53,526	SH	SOLE	1	53,526	0	0
CITY HOLDING CO	COM	177835105	919	12,067	SH	SOLE	1	12,067	0	0
CITY OFFICE REIT INC	REIT	178587101	280	24,768	SH	SOLE	1	24,768	0	0
CIVISTA BANCSHARES INC	COM	178867107	195	8,952	SH	SOLE	1	8,952	0	0
CLARUS CORP	COM	18270P109	171	13,334	SH	SOLE	1	13,334	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	270	87,503	SH	SOLE	1	87,503	0	0
CLEAN HARBORS INC	COM	184496107	7,253	101,393	SH	SOLE	1	101,393	0	0
CLEAR CHANNEL OUTDOOR CL A	COM	18451C109	130	24,292	SH	SOLE	1	24,292	0	0
CLEARFIELD INC	COM	18482P103	105	7,163	SH	SOLE	1	7,163	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	25	17,829	SH	SOLE	1	17,829	0	0
CLEARWATER PAPER CORP	COM	18538R103	239	12,244	SH	SOLE	1	12,244	0	0
CLEARWAY ENERGY INC A	COM	18539C105	323	22,215	SH	SOLE	1	22,215	0	0
CLEARWAY ENERGY INC C	COM	18539C204	709	46,922	SH	SOLE	1	46,922	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,865	186,659	SH	SOLE	1	186,659	0	0
CLIPPER REALTY INC	REIT	18885T306	127	9,479	SH	SOLE	1	9,479	0	0
CLOROX COMPANY	COM	189054109	20,092	125,217	SH	SOLE	1	125,217	0	0
CLOUDERA INC	COM	18914U100	1,399	127,924	SH	SOLE	1	127,924	0	0

CLOVIS ONCOLOGY INC	COM	189464100	754	30,362	SH	SOLE	1	30,362	0	0
CME GROUP INC	COM	12572Q105	25,691	156,103	SH	SOLE	1	156,103	0	0
CMS ENERGY CORP	COM	125896100	7,691	138,478	SH	SOLE	1	138,478	0	0
CNA FINANCIAL CORP	COM	126117100	21	495	SH	SOLE	1	495	0	0
CNB FINANCIAL CORP/PA	COM	126128107	234	9,264	SH	SOLE	1	9,264	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,837	422,564	SH	SOLE	1	422,564	0	0
CNX RESOURCES CORP	COM	12653C108	4,261	395,654	SH	SOLE	1	395,654	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	78	4,565	SH	SOLE	1	4,565	0	0
COCA COLA CO/THE	COM	191216100	434,159	9,265,033	SH	SOLE	1	9,265,033	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,021	3,546	SH	SOLE	1	3,546	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,224	23,653	SH	SOLE	1	23,653	0	0
CODEXIS INC	COM	192005106	676	32,945	SH	SOLE	1	32,945	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	124	5,808	SH	SOLE	1	5,808	0	0
COEUR MINING INC	COM	192108504	493	120,772	SH	SOLE	1	120,772	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,716	31,627	SH	SOLE	1	31,627	0	0
COGNEX CORP	COM	192422103	17,374	341,607	SH	SOLE	1	341,607	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	18,818	259,731	SH	SOLE	1	259,731	0	0
COHBAR INC	COM	19249J109	49	15,120	SH	SOLE	1	15,120	0	0
COHEN (PLUS) STEERS INC	COM	19247A100	601	14,229	SH	SOLE	1	14,229	0	0
COHERENT INC	COM	192479103	6,892	48,634	SH	SOLE	1	48,634	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	452	33,103	SH	SOLE	1	33,103	0	0
COHU INC	COM	192576106	444	30,070	SH	SOLE	1	30,070	0	0
COLFAX CORP	COM	194014106	5,622	189,407	SH	SOLE	1	189,407	0	0
COLGATE PALMOLIVE CO	COM	194162103	25,111	366,375	SH	SOLE	1	366,375	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	283	18,713	SH	SOLE	1	18,713	0	0
COLONY CAPITAL INC	REIT	19626G108	46	8,685	SH	SOLE	1	8,685	0	0
COLONY CREDIT REAL ESTATE IN	REIT	19625T101	839	53,565	SH	SOLE	1	53,565	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,807	55,276	SH	SOLE	1	55,276	0	0
COLUMBIA FINANCIAL INC	COM	197641103	496	31,682	SH	SOLE	1	31,682	0	0
COLUMBIA PROPERTY TRUST INC	REIT	198287203	47	2,073	SH	SOLE	1	2,073	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	58	559	SH	SOLE	1	559	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	489	14,240	SH	SOLE	1	14,240	0	0
COMCAST CORP CLASS A	COM	20030N101	82,353	2,059,843	SH	SOLE	1	2,059,843	0	0
COMERICA INC	COM	200340107	6,118	83,436	SH	SOLE	1	83,436	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,452	27,716	SH	SOLE	1	27,716	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,431	196,887	SH	SOLE	1	196,887	0	0

COMMERCIAL METALS CO	COM	201723103	5,241	306,842	SH	SOLE	1	306,842	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	148	19,285	SH	SOLE	1	19,285	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	72	3,326	SH	SOLE	1	3,326	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,276	38,083	SH	SOLE	1	38,083	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	100	13,694	SH	SOLE	1	13,694	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	88	3,089	SH	SOLE	1	3,089	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	255	68,333	SH	SOLE	1	68,333	0	0
COMMUNITY HEALTHCARE TRUST I	REIT	20369C106	482	13,425	SH	SOLE	1	13,425	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	406	9,887	SH	SOLE	1	9,887	0	0
COMMVAULT SYSTEMS INC	COM	204166102	6,587	101,743	SH	SOLE	1	101,743	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,823	88,711	SH	SOLE	1	88,711	0	0
COMPUTER PROGRAMS (PLUS) SYSTEMS	COM	205306103	260	8,757	SH	SOLE	1	8,757	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,052	SH	SOLE	1	1,052	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	410	17,659	SH	SOLE	1	17,659	0	0
CONAGRA BRANDS INC	COM	205887102	4,770	171,965	SH	SOLE	1	171,965	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	164	13,577	SH	SOLE	1	13,577	0	0
CONCHO RESOURCES INC	COM	20605P101	9,180	82,736	SH	SOLE	1	82,736	0	0
CONDUENT INC	COM	206787103	46	3,337	SH	SOLE	1	3,337	0	0
CONMED CORP	COM	207410101	1,592	19,138	SH	SOLE	1	19,138	0	0
CONN S INC	COM	208242107	352	15,412	SH	SOLE	1	15,412	0	0
CONNECTICUT WATER SVC INC	COM	207797101	528	7,687	SH	SOLE	1	7,687	0	0
CONNECTONE BANCORP INC	COM	20786W107	380	19,265	SH	SOLE	1	19,265	0	0
CONOCOPHILLIPS	COM	20825C104	28,691	429,893	SH	SOLE	1	429,893	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	142	2,411	SH	SOLE	1	2,411	0	0
CONSOL ENERGY INC	COM	20854L108	711	20,769	SH	SOLE	1	20,769	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	580	53,140	SH	SOLE	1	53,140	0	0
CONSOLIDATED EDISON INC	COM	209115104	16,507	194,634	SH	SOLE	1	194,634	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	121	9,385	SH	SOLE	1	9,385	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,484	54,091	SH	SOLE	1	54,091	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	137	10,101	SH	SOLE	1	10,101	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	90	10,176	SH	SOLE	1	10,176	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	588	23,707	SH	SOLE	1	23,707	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	338	7,545	SH	SOLE	1	7,545	0	0

CONTROL4 CORP	COM	21240D107	339	20,044 SH	SOLE	1	20,044	0	0
COOPER COS INC/THE	COM	216648402	6,130	20,699 SH	SOLE	1	20,699	0	0
COOPER STANDARD HOLDING	COM	21676P103	621	13,214 SH	SOLE	1	13,214	0	0
COOPER TIRE (PLUS) RUBBER	COM	216831107	1,144	38,259 SH	SOLE	1	38,259	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	44	548 SH	SOLE	1	548	0	0
COPART INC	COM	217204106	4,285	70,717 SH	SOLE	1	70,717	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	242	34,869 SH	SOLE	1	34,869	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	876	74,593 SH	SOLE	1	74,593	0	0
CORE LABORATORIES N.V.	COM	N22717107	6,040	87,618 SH	SOLE	1	87,618	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,282	34,523 SH	SOLE	1	34,523	0	0
CORECIVIC INC	REIT	21871N101	6,037	310,407 SH	SOLE	1	310,407	0	0
CORELOGIC INC	COM	21871D103	5,964	160,071 SH	SOLE	1	160,071	0	0
COREENERGY INFRASTRUCTURE TRU	REIT	21870U502	279	7,586 SH	SOLE	1	7,586	0	0
COREPOINT LODGING INC	REIT	21872L104	295	26,389 SH	SOLE	1	26,389	0	0
CORESITE REALTY CORP	REIT	21870Q105	7,858	73,426 SH	SOLE	1	73,426	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,900	34,689 SH	SOLE	1	34,689	0	0
CORNING INC	COM	219350105	10,196	308,027 SH	SOLE	1	308,027	0	0
CORPORATE OFFICE PROPERTIES	REIT	22002T108	6,000	219,786 SH	SOLE	1	219,786	0	0
CORVEL CORP	COM	221006109	443	6,792 SH	SOLE	1	6,792	0	0
CORVUS PHARMACEUTICALS INC	COM	221015100	36	8,843 SH	SOLE	1	8,843	0	0
COSTAMARE INC	COM	Y1771G102	166	31,994 SH	SOLE	1	31,994	0	0
COSTAR GROUP INC	COM	22160N109	389	835 SH	SOLE	1	835	0	0
COSTCO WHOLESALE CORP	COM	22160K105	42,370	174,980 SH	SOLE	1	174,980	0	0
COTY INC CL A	COM	222070203	1,839	159,886 SH	SOLE	1	159,886	0	0
COUNTY BANCORP INC	COM	221907108	57	3,267 SH	SOLE	1	3,267	0	0
COUPA SOFTWARE INC	COM	22266L106	3,239	35,606 SH	SOLE	1	35,606	0	0
COUSINS PROPERTIES INC	REIT	222795106	10,620	1,099,381 SH	SOLE	1	1,099,381	0	0
COVANTA HOLDING CORP	COM	22282E102	1,298	74,990 SH	SOLE	1	74,990	0	0
COVENANT TRANSPORT GRP CL A	COM	22284P105	149	7,867 SH	SOLE	1	7,867	0	0
COVETRUS INC	COM	22304C100	6,057	190,185 SH	SOLE	1	190,185	0	0
COVIA HOLDINGS CORP	COM	22305A103	111	19,818 SH	SOLE	1	19,818	0	0
COWEN INC	COM	223622606	256	17,662 SH	SOLE	1	17,662	0	0
CRA INTERNATIONAL INC	COM	12618T105	253	5,008 SH	SOLE	1	5,008	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,666	59,810 SH	SOLE	1	59,810	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	114	8,121 SH	SOLE	1	8,121	0	0
CRANE CO	COM	224399105	8,574	101,324 SH	SOLE	1	101,324	0	0
CRAWFORD (PLUS) CO CL B	COM	224633107	64	7,029 SH	SOLE	1	7,029	0	0

CRAY INC	COM	225223304	797	30,601 SH	SOLE	1	30,601	0	0
CREDICORP LTD	COM	G2519Y108	280	1,166 SH	SOLE	1	1,166	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	117	258 SH	SOLE	1	258	0	0
CREE INC	COM	225447101	15,451	270,036 SH	SOLE	1	270,036	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	125	5,478 SH	SOLE	1	5,478	0	0
CROCS INC	COM	227046109	1,290	50,089 SH	SOLE	1	50,089	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	189	26,890 SH	SOLE	1	26,890	0	0
CROWN CASTLE INTL CORP	REIT	22822V101	21,164	165,347 SH	SOLE	1	165,347	0	0
CROWN HOLDINGS INC	COM	228368106	165	3,019 SH	SOLE	1	3,019	0	0
CRYOLIFE INC	COM	228903100	779	26,697 SH	SOLE	1	26,697	0	0
CRYOPORT INC	COM	229050307	225	17,421 SH	SOLE	1	17,421	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,048	24,770 SH	SOLE	1	24,770	0	0
CSW INDUSTRIALS INC	COM	126402106	544	9,500 SH	SOLE	1	9,500	0	0
CSX CORP	COM	126408103	25,675	343,154 SH	SOLE	1	343,154	0	0
CTI BIOPHARMA CORP	COM	12648L601	32	32,574 SH	SOLE	1	32,574	0	0
CTRIIP.COM INTERNATIONAL ADR	ADR	22943F100	1,587	36,326 SH	SOLE	1	36,326	0	0
CTS CORP	COM	126501105	726	24,721 SH	SOLE	1	24,721	0	0
CUBESMART	REIT	229663109	105	3,268 SH	SOLE	1	3,268	0	0
CUBIC CORP	COM	229669106	1,311	23,313 SH	SOLE	1	23,313	0	0
CUE BIOPHARMA INC	COM	22978P106	90	11,589 SH	SOLE	1	11,589	0	0
CULLEN/FROST BANKERS INC	COM	229899109	12,186	125,540 SH	SOLE	1	125,540	0	0
CULP INC	COM	230215105	137	7,118 SH	SOLE	1	7,118	0	0
CUMMINS INC	COM	231021106	11,253	71,278 SH	SOLE	1	71,278	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	75	7,475 SH	SOLE	1	7,475	0	0
CURTISS WRIGHT CORP	COM	231561101	9,678	85,386 SH	SOLE	1	85,386	0	0
CUSHMAN (PLUS) WAKEFIELD PLC	COM	G2717B108	534	29,983 SH	SOLE	1	29,983	0	0
CUSTOMERS BANCORP INC	COM	23204G100	399	21,785 SH	SOLE	1	21,785	0	0
CUTERA INC	COM	232109108	182	10,304 SH	SOLE	1	10,304	0	0
CVB FINANCIAL CORP	COM	126600105	1,756	83,423 SH	SOLE	1	83,423	0	0
CVR ENERGY INC	COM	12662P108	480	11,649 SH	SOLE	1	11,649	0	0
CVS HEALTH CORP	COM	126650100	42,698	791,734 SH	SOLE	1	791,734	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	505	38,005 SH	SOLE	1	38,005	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	10,849	727,130 SH	SOLE	1	727,130	0	0
CYRUSONE INC	REIT	23283R100	11,321	215,879 SH	SOLE	1	215,879	0	0
CYTOKINETICS INC	COM	23282W605	289	35,768 SH	SOLE	1	35,768	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	305	28,383 SH	SOLE	1	28,383	0	0
CYTOSORBENTS CORP	COM	23283X206	144	18,966 SH	SOLE	1	18,966	0	0
DAILY JOURNAL CORP	COM	233912104	153	714 SH	SOLE	1	714	0	0
DAKTRONICS INC	COM	234264109	206	27,599 SH	SOLE	1	27,599	0	0
DANA INC	COM	235825205	6,683	376,741 SH	SOLE	1	376,741	0	0



DANAHER CORP	COM	235851102	37,070	280,792 SH	SOLE	1	280,792	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,987	49,284 SH	SOLE	1	49,284	0	0
DARLING INGREDIENTS INC	COM	237266101	2,684	123,951 SH	SOLE	1	123,951	0	0
DASAN ZHONG SOLUTIONS INC	COM	23305L206	40	3,746 SH	SOLE	1	3,746	0	0
DASEKE INC	COM	23753F107	133	26,163 SH	SOLE	1	26,163	0	0
DAVE (PLUS) BUSTER S ENTERTAINMEN	COM	238337109	1,461	29,289 SH	SOLE	1	29,289	0	0
DAVITA INC	COM	23918K108	2,375	43,745 SH	SOLE	1	43,745	0	0
DAWSON GEOPHYSICAL CO	COM	239360100	39	13,461 SH	SOLE	1	13,461	0	0
DEAN FOODS CO	COM	242370203	209	68,959 SH	SOLE	1	68,959	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	130	5,606 SH	SOLE	1	5,606	0	0
DECKERS OUTDOOR CORP	COM	243537107	11,206	76,237 SH	SOLE	1	76,237	0	0
DEERE (PLUS) CO	COM	244199105	20,822	130,270 SH	SOLE	1	130,270	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	135	21,102 SH	SOLE	1	21,102	0	0
DEL TACO RESTAURANTS INC	COM	245496104	196	19,461 SH	SOLE	1	19,461	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,893	51,986 SH	SOLE	1	51,986	0	0
DELL TECHNOLOGIES C	COM	24703L202	235	4,006 SH	SOLE	1	4,006	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	3,370	174,954 SH	SOLE	1	174,954	0	0
DELTA AIR LINES INC	COM	247361702	16,558	320,573 SH	SOLE	1	320,573	0	0
DELUXE CORP	COM	248019101	5,064	115,835 SH	SOLE	1	115,835	0	0
DENALI THERAPEUTICS INC	COM	24823R105	675	29,058 SH	SOLE	1	29,058	0	0
DENBURY RESOURCES INC	COM	247916208	712	347,454 SH	SOLE	1	347,454	0	0
DENNY S CORP	COM	24869P104	714	38,931 SH	SOLE	1	38,931	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,735	95,477 SH	SOLE	1	95,477	0	0
DERMIRA INC	COM	24983L104	301	22,203 SH	SOLE	1	22,203	0	0
DEVON ENERGY CORP	COM	25179M103	6,885	218,154 SH	SOLE	1	218,154	0	0
DEXCOM INC	COM	252131107	243	2,040 SH	SOLE	1	2,040	0	0
DHT HOLDINGS INC	COM	Y2065G121	261	58,612 SH	SOLE	1	58,612	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	291	2,082 SH	SOLE	1	2,082	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	513	48,946 SH	SOLE	1	48,946	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	5,608	55,239 SH	SOLE	1	55,239	0	0
DIAMONDROCK HOSPITALITY CO	REIT	252784301	1,689	155,979 SH	SOLE	1	155,979	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	502	34,298 SH	SOLE	1	34,298	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,416	147,141 SH	SOLE	1	147,141	0	0
DIEBOLD NIXDORF INC	COM	253651103	638	57,667 SH	SOLE	1	57,667	0	0
DIGI INTERNATIONAL INC	COM	253798102	263	20,721 SH	SOLE	1	20,721	0	0
DIGIMARC CORP	COM	25381B101	224	7,148 SH	SOLE	1	7,148	0	0
DIGITAL REALTY TRUST INC	REIT	253868103	9,800	82,349 SH	SOLE	1	82,349	0	0

DILLARDS INC CL A	COM	254067101	3,142	43,623 SH	SOLE	1	43,623	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	444	23,687 SH	SOLE	1	23,687	0	0
DINE BRANDS GLOBAL INC	COM	254423106	1,164	12,753 SH	SOLE	1	12,753	0	0
DIODES INC	COM	254543101	1,056	30,441 SH	SOLE	1	30,441	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	249	42,871 SH	SOLE	1	42,871	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	8,670	121,835 SH	SOLE	1	121,835	0	0
DISCOVERY INC A	COM	25470F104	2,572	95,198 SH	SOLE	1	95,198	0	0
DISCOVERY INC C	COM	25470F302	3,648	143,526 SH	SOLE	1	143,526	0	0
DISH NETWORK CORP A	COM	25470M109	2,732	86,204 SH	SOLE	1	86,204	0	0
DITECH HLDG CORP	*W EXP 02/09/202	25501G113	0	40 PRN	SOLE	2	40	0	0
DITECH HLDG CORP	*W EXP 02/09/202	25501G121	0	31 PRN	SOLE	2	31	0	0
DMC GLOBAL INC	COM	23291C103	452	9,106 SH	SOLE	1	9,106	0	0
DOCUSIGN INC	COM	256163106	89	1,718 SH	SOLE	1	1,718	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	69	1,098 SH	SOLE	1	1,098	0	0
DOLLAR GENERAL CORP	COM	256677105	10,928	91,597 SH	SOLE	1	91,597	0	0
DOLLAR TREE INC	COM	256746108	12,452	118,547 SH	SOLE	1	118,547	0	0
DOMINION ENERGY INC	COM	25746U109	20,285	264,611 SH	SOLE	1	264,611	0	0
DOMINO S PIZZA INC	COM	25754A201	21,193	82,110 SH	SOLE	1	82,110	0	0
DOMO INC CLASS B	COM	257554105	431	10,688 SH	SOLE	1	10,688	0	0
DOMTAR CORP	COM	257559203	6,231	125,498 SH	SOLE	1	125,498	0	0
DONALDSON CO INC	COM	257651109	12,805	255,797 SH	SOLE	1	255,797	0	0
DONEGAL GROUP INC CL A	COM	257701201	80	5,977 SH	SOLE	1	5,977	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	379	25,496 SH	SOLE	1	25,496	0	0
DORIAN LPG LTD	COM	Y2106R110	113	17,675 SH	SOLE	1	17,675	0	0
DORMAN PRODUCTS INC	COM	258278100	1,811	20,556 SH	SOLE	1	20,556	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	539	14,165 SH	SOLE	1	14,165	0	0
DOUGLAS EMMETT INC	REIT	25960P109	13,037	322,528 SH	SOLE	1	322,528	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	67	7,512 SH	SOLE	1	7,512	0	0
DOVER CORP	COM	260003108	5,660	60,344 SH	SOLE	1	60,344	0	0
DOWDUPONT INC	COM	26078J100	40,460	758,959 SH	SOLE	1	758,959	0	0
DR HORTON INC	COM	23331A109	5,270	127,364 SH	SOLE	1	127,364	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	13	321 SH	SOLE	1	321	0	0
DRIL QUIP INC	COM	262037104	1,241	27,065 SH	SOLE	1	27,065	0	0
DRIVE SHACK INC	COM	262077100	173	38,561 SH	SOLE	1	38,561	0	0
DSP GROUP INC	COM	23332B106	32	2,276 SH	SOLE	1	2,276	0	0
DTE ENERGY COMPANY	COM	233331107	8,037	64,428 SH	SOLE	1	64,428	0	0
DUCOMMUN INC	COM	264147109	295	6,783 SH	SOLE	1	6,783	0	0
DUKE ENERGY CORP	COM	26441C204	22,024	244,713 SH	SOLE	1	244,713	0	0
DUKE REALTY CORP	REIT	264411505	3,802	124,327 SH	SOLE	1	124,327	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	125	5,263 SH	SOLE	1	5,263	0	0

DUNKIN BRANDS GROUP INC	COM	265504100	12,415	165,311	SH	SOLE	1	165,311	0	0
DURECT CORPORATION	COM	266605104	63	99,955	SH	SOLE	1	99,955	0	0
DXC TECHNOLOGY CO	COM	23355L106	9,842	153,037	SH	SOLE	1	153,037	0	0
DXP ENTERPRISES INC	COM	233377407	473	12,153	SH	SOLE	1	12,153	0	0
DYCOM INDUSTRIES INC	COM	267475101	3,741	81,426	SH	SOLE	1	81,426	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	291	39,757	SH	SOLE	1	39,757	0	0
DYNEX CAPITAL INC	REIT	26817Q506	267	43,811	SH	SOLE	1	43,811	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,353	93,756	SH	SOLE	1	93,756	0	0
EAGLE BANCORP INC	COM	268948106	1,209	24,079	SH	SOLE	1	24,079	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	141	30,425	SH	SOLE	1	30,425	0	0
EAGLE MATERIALS INC	COM	26969P108	7,740	91,815	SH	SOLE	1	91,815	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	401	7,952	SH	SOLE	1	7,952	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	87	12,293	SH	SOLE	1	12,293	0	0
EAST WEST BANCORP INC	COM	27579R104	16,632	346,721	SH	SOLE	1	346,721	0	0
EASTERLY GOVERNMENT PROPERTI	REIT	27616P103	825	45,791	SH	SOLE	1	45,791	0	0
EASTERN CO/THE	COM	276317104	96	3,478	SH	SOLE	1	3,478	0	0
EASTGROUP PROPERTIES INC	REIT	277276101	2,985	26,738	SH	SOLE	1	26,738	0	0
EASTMAN CHEMICAL CO	COM	277432100	4,061	53,520	SH	SOLE	1	53,520	0	0
EASTMAN KODAK CO	COM	277461406	32	10,788	SH	SOLE	1	10,788	0	0
EATON CORP PLC	COM	G29183103	16,471	204,453	SH	SOLE	1	204,453	0	0
EATON VANCE CORP	COM	278265103	9,447	234,358	SH	SOLE	1	234,358	0	0
EBAY INC	COM	278642103	15,303	412,039	SH	SOLE	1	412,039	0	0
EBIX INC	COM	278715206	886	17,942	SH	SOLE	1	17,942	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	523	21,119	SH	SOLE	1	21,119	0	0
ECHOSTAR CORP A	COM	278768106	31	838	SH	SOLE	1	838	0	0
ECOLAB INC	COM	278865100	18,883	106,964	SH	SOLE	1	106,964	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	6,207	141,417	SH	SOLE	1	141,417	0	0
EDISON INTERNATIONAL	COM	281020107	7,138	115,275	SH	SOLE	1	115,275	0	0
EDITAS MEDICINE INC	COM	28106W103	721	29,480	SH	SOLE	1	29,480	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,297	85,180	SH	SOLE	1	85,180	0	0
EGAIN CORP	COM	28225C806	119	11,434	SH	SOLE	1	11,434	0	0
EHEALTH INC	COM	28238P109	1,006	16,141	SH	SOLE	1	16,141	0	0
EIDOS THERAPEUTICS I	COM	28249H104	5,511	235,000	SH	SOLE	2	235,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	243	10,362	SH	SOLE	1	10,362	0	0
EL PASO ELECTRIC CO	COM	283677854	1,802	30,632	SH	SOLE	1	30,632	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	214	16,449	SH	SOLE	1	16,449	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	47	1,473	SH	SOLE	1	1,473	0	0
ELASTIC NV	COM	N14506104	14	181	SH	SOLE	1	181	0	0
ELDORADO RESORTS INC	COM	28470R102	7,965	170,596	SH	SOLE	1	170,596	0	0

ELECTROCORE INC	COM	28531P103	54	7,759 SH	SOLE	1	7,759	0	0
ELECTRONIC ARTS INC	COM	285512109	13,368	131,535 SH	SOLE	1	131,535	0	0
ELECTRONICS FOR IMAGING	COM	286082102	886	32,933 SH	SOLE	1	32,933	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	46	4,535 SH	SOLE	1	4,535	0	0
ELEVATE CREDIT INC	COM	28621V101	57	13,142 SH	SOLE	1	13,142	0	0
ELF BEAUTY INC	COM	26856L103	153	14,443 SH	SOLE	1	14,443	0	0
ELI LILLY (PLUS) CO	COM	532457108	36,408	280,579 SH	SOLE	1	280,579	0	0
ELLIE MAE INC	COM	28849P100	2,182	22,114 SH	SOLE	1	22,114	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	167	14,302 SH	SOLE	1	14,302	0	0
EMC INS GROUP INC	COM	268664109	188	5,894 SH	SOLE	1	5,894	0	0
EMCOR GROUP INC	COM	29084Q100	10,759	147,217 SH	SOLE	1	147,217	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	201	15,817 SH	SOLE	1	15,817	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,734	34,319 SH	SOLE	1	34,319	0	0
EMERSON ELECTRIC CO	COM	291011104	31,261	456,570 SH	SOLE	1	456,570	0	0
EMPIRE RESORTS INC	COM	292052305	24	2,365 SH	SOLE	1	2,365	0	0
EMPIRE STATE REALTY TRUST A	REIT	292104106	39	2,499 SH	SOLE	1	2,499	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	980	24,428 SH	SOLE	1	24,428	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,198	12,539 SH	SOLE	1	12,539	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	11,535	197,511 SH	SOLE	1	197,511	0	0
ENCORE CAP GROUP INC	COM	292554102	1,229	45,142 SH	SOLE	2	45,142	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	534	19,609 SH	SOLE	1	19,609	0	0
ENCORE WIRE CORP	COM	292562105	884	15,448 SH	SOLE	1	15,448	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	1,336	166,430 SH	SOLE	1	166,430	0	0
ENDOLOGIX INC	COM	29266S304	43	6,529 SH	SOLE	1	6,529	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	325	44,768 SH	SOLE	1	44,768	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,704	126,946 SH	SOLE	1	126,946	0	0
ENERGOUS CORP	COM	29272C103	97	15,226 SH	SOLE	1	15,226	0	0
ENERGY FUELS INC	COM	292671708	181	54,308 SH	SOLE	1	54,308	0	0
ENERGY RECOVERY INC	COM	29270J100	201	22,980 SH	SOLE	1	22,980	0	0
ENERSYS	COM	29275Y102	7,344	112,706 SH	SOLE	1	112,706	0	0
ENNIS INC	COM	293389102	339	16,347 SH	SOLE	1	16,347	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	570	24,993 SH	SOLE	1	24,993	0	0
ENPHASE ENERGY INC	COM	29355A107	509	55,167 SH	SOLE	1	55,167	0	0
ENPRO INDUSTRIES INC	COM	29355X107	998	15,486 SH	SOLE	1	15,486	0	0
ENSCO PLC CL A	COM	G3157S106	3,397	864,453 SH	SOLE	1	864,453	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,924	37,588 SH	SOLE	1	37,588	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,336	7,681 SH	SOLE	1	7,681	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	96	4,282 SH	SOLE	1	4,282	0	0
ENTEGRIS INC	COM	29362U104	3,232	90,549 SH	SOLE	1	90,549	0	0

ENTERCOM COMMUNICATIONS CL A	COM	293639100	429	81,660	SH	SOLE	1	81,660	0	0
ENERGY CORP	COM	29364G103	6,408	67,004	SH	SOLE	1	67,004	0	0
ENTERPRISE BANCORP INC	COM	293668109	177	6,145	SH	SOLE	1	6,145	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	584	14,325	SH	SOLE	1	14,325	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	133	41,074	SH	SOLE	1	41,074	0	0
ENVESTNET INC	COM	29404K106	1,863	28,493	SH	SOLE	1	28,493	0	0
ENZO BIOCHEM INC	COM	294100102	77	28,084	SH	SOLE	1	28,084	0	0
EOG RESOURCES INC	COM	26875P101	23,146	243,180	SH	SOLE	1	243,180	0	0
EP ENERGY CORP CL A	COM	268785102	7	26,398	SH	SOLE	1	26,398	0	0
EPAM SYSTEMS INC	COM	29414B104	203	1,199	SH	SOLE	1	1,199	0	0
EPIZYME INC	COM	29428V104	471	37,992	SH	SOLE	1	37,992	0	0
EPLUS INC	COM	294268107	898	10,138	SH	SOLE	1	10,138	0	0
EPR PROPERTIES	REIT	26884U109	11,488	149,386	SH	SOLE	1	149,386	0	0
EQT CORP	COM	26884L109	10,539	508,160	SH	SOLE	1	508,160	0	0
EQUIFAX INC	COM	294429105	4,982	42,041	SH	SOLE	1	42,041	0	0
EQUILLIUM INC	COM	29446K106	27	3,327	SH	SOLE	1	3,327	0	0
EQUINIX INC	REIT	29444U700	14,594	32,206	SH	SOLE	1	32,206	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,840	405,879	SH	SOLE	1	405,879	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	246	8,526	SH	SOLE	1	8,526	0	0
EQUITY COMMONWEALTH	REIT	294628102	67	2,056	SH	SOLE	1	2,056	0	0
EQUITY LIFESTYLE PROPERTIES	REIT	29472R108	229	2,000	SH	SOLE	1	2,000	0	0
EQUITY RESIDENTIAL	REIT	29476L107	10,921	144,992	SH	SOLE	1	144,992	0	0
ERA GROUP INC	COM	26885G109	176	15,281	SH	SOLE	1	15,281	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	96	540	SH	SOLE	1	540	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	200	21,897	SH	SOLE	1	21,897	0	0
ESCALADE INC	COM	296056104	76	6,795	SH	SOLE	1	6,795	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,293	19,293	SH	SOLE	1	19,293	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	586	14,591	SH	SOLE	1	14,591	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	88	3,851	SH	SOLE	1	3,851	0	0
ESSA BANCORP INC	COM	29667D104	93	6,066	SH	SOLE	1	6,066	0	0
ESSENT GROUP LTD	COM	G3198U102	4,172	96,010	SH	SOLE	1	96,010	0	0
ESSENTIAL PROPERTIES REALTY	REIT	29670E107	443	22,703	SH	SOLE	1	22,703	0	0
ESSEX PROPERTY TRUST INC	REIT	297178105	6,565	22,699	SH	SOLE	1	22,699	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	14,918	90,113	SH	SOLE	1	90,113	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	348	18,168	SH	SOLE	1	18,168	0	0
ETSY INC	COM	29786A106	5,123	76,209	SH	SOLE	1	76,209	0	0
EURONET WORLDWIDE INC	COM	298736109	144	1,008	SH	SOLE	1	1,008	0	0

EVANS BANCORP INC	COM	29911Q208	106	2,977	SH	SOLE	1	2,977	0	0
EVELO BIOSCIENCES INC	COM	299734103	70	8,791	SH	SOLE	1	8,791	0	0
EVERBRIDGE INC	COM	29978A104	1,395	18,595	SH	SOLE	1	18,595	0	0
EVERCORE INC A	COM	29977A105	7,461	81,988	SH	SOLE	1	81,988	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,631	16,813	SH	SOLE	1	16,813	0	0
EVERGY INC	COM	30034W106	5,244	90,342	SH	SOLE	1	90,342	0	0
EVERI HOLDINGS INC	COM	30034T103	445	42,345	SH	SOLE	1	42,345	0	0
EVERSOURCE ENERGY	COM	30040W108	10,394	146,499	SH	SOLE	1	146,499	0	0
EVERTEC INC	COM	30040P103	1,278	45,948	SH	SOLE	1	45,948	0	0
EVI INDUSTRIES INC	COM	26929N102	93	2,442	SH	SOLE	1	2,442	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	459	15,791	SH	SOLE	1	15,791	0	0
EVOLENT HEALTH INC A	COM	30050B101	547	43,469	SH	SOLE	1	43,469	0	0
EVOLUS INC	COM	30052C107	134	5,937	SH	SOLE	1	5,937	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	110	16,244	SH	SOLE	1	16,244	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	607	48,277	SH	SOLE	1	48,277	0	0
EW SCRIPPS CO/THE A	COM	811054402	741	35,308	SH	SOLE	1	35,308	0	0
EXACT SCIENCES CORP	COM	30063P105	242	2,795	SH	SOLE	1	2,795	0	0
EXANTAS CAPITAL CORP	REIT	30068N105	206	19,363	SH	SOLE	1	19,363	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	101	30,229	SH	SOLE	1	30,229	0	0
EXELIXIS INC	COM	30161Q104	14,285	600,227	SH	SOLE	1	600,227	0	0
EXELON CORP	COM	30161N101	16,363	326,418	SH	SOLE	1	326,418	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,520	25,333	SH	SOLE	1	25,333	0	0
EXPEDIA GROUP INC	COM	30212P303	8,102	68,088	SH	SOLE	1	68,088	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,361	70,634	SH	SOLE	1	70,634	0	0
EXPONENT INC	COM	30214U102	2,250	38,982	SH	SOLE	1	38,982	0	0
EXPRESS INC	COM	30219E103	217	50,764	SH	SOLE	1	50,764	0	0
EXTENDED STAY AMERICA INC	COM	30224P200	71	3,977	SH	SOLE	1	3,977	0	0
EXTERRAN CORP	COM	30227H106	411	24,370	SH	SOLE	1	24,370	0	0
EXTRA SPACE STORAGE INC	REIT	30225T102	4,944	48,517	SH	SOLE	1	48,517	0	0
EXTRACTION OIL (PLUS) GAS INC	COM	30227M105	8	1,937	SH	SOLE	1	1,937	0	0
EXTREME NETWORKS INC	COM	30226D106	655	87,504	SH	SOLE	1	87,504	0	0
EXXON MOBIL CORP	COM	30231G102	509,850	6,310,026	SH	SOLE	1	6,310,026	0	0
EZCORP INC CL A	COM	302301106	361	38,729	SH	SOLE	1	38,729	0	0
F5 NETWORKS INC	COM	315616102	3,253	20,732	SH	SOLE	1	20,732	0	0
FABRINET	COM	G3323L100	1,431	27,334	SH	SOLE	1	27,334	0	0
FACEBOOK INC CLASS A	COM	30303M102	151,079	906,346	SH	SOLE	1	906,346	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	18,887	76,076	SH	SOLE	1	76,076	0	0
FAIR ISAAC CORP	COM	303250104	15,794	58,146	SH	SOLE	1	58,146	0	0
FARMER BROS CO	COM	307675108	128	6,405	SH	SOLE	1	6,405	0	0
FARMERS (PLUS) MERCHANTS BANCO/OH	COM	30779N105	171	5,695	SH	SOLE	1	5,695	0	0

FARMERS NATL BANC CORP	COM	309627107	223	16,159	SH	SOLE	1	16,159	0	0
FARMLAND PARTNERS INC	REIT	31154R109	123	19,210	SH	SOLE	1	19,210	0	0
FARO TECHNOLOGIES INC	COM	311642102	568	12,938	SH	SOLE	1	12,938	0	0
FASTENAL CO	COM	311900104	22,097	343,595	SH	SOLE	1	343,595	0	0
FATE THERAPEUTICS INC	COM	31189P102	680	38,679	SH	SOLE	1	38,679	0	0
FB FINANCIAL CORP	COM	30257X104	331	10,434	SH	SOLE	1	10,434	0	0
FBL FINANCIAL GROUP INC CL A	COM	30239F106	396	6,308	SH	SOLE	1	6,308	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	415	5,725	SH	SOLE	1	5,725	0	0
FEDERAL REALTY INVS TRUST	REIT	313747206	3,990	28,945	SH	SOLE	1	28,945	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,169	44,982	SH	SOLE	1	44,982	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	7,359	251,091	SH	SOLE	1	251,091	0	0
FEDEX CORP	COM	31428X106	14,433	79,560	SH	SOLE	1	79,560	0	0
FEDNAT HOLDING CO	COM	31431B109	118	7,330	SH	SOLE	1	7,330	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	37	7,710	SH	SOLE	1	7,710	0	0
FERRO CORP	COM	315405100	1,190	62,871	SH	SOLE	1	62,871	0	0
FGL HOLDINGS	COM	G3402M102	736	93,475	SH	SOLE	1	93,475	0	0
FIBROGEN INC	COM	31572Q808	2,636	48,502	SH	SOLE	1	48,502	0	0
FIDELITY D(PLUS)D BANCORP INC	COM	31609R100	105	1,780	SH	SOLE	1	1,780	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	446	12,211	SH	SOLE	1	12,211	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	15,060	133,155	SH	SOLE	1	133,155	0	0
FIDELITY SOUTHERN CORP	COM	316394105	454	16,583	SH	SOLE	1	16,583	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	235	17,895	SH	SOLE	1	17,895	0	0
FIFTH THIRD BANCORP	COM	316773100	10,459	414,694	SH	SOLE	1	414,694	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	266	9,793	SH	SOLE	1	9,793	0	0
FINISAR CORPORATION	COM	31787A507	2,056	88,740	SH	SOLE	1	88,740	0	0
FIREEYE INC	COM	31816Q101	69	4,108	SH	SOLE	1	4,108	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	12,186	236,612	SH	SOLE	1	236,612	0	0
FIRST BANCORP INC/ME	COM	31866P102	161	6,478	SH	SOLE	1	6,478	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,856	161,943	SH	SOLE	1	161,943	0	0
FIRST BANCORP/NC	COM	318910106	649	18,666	SH	SOLE	1	18,666	0	0
FIRST BANCSHARES INC/MS	COM	318916103	244	7,898	SH	SOLE	1	7,898	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	120	10,408	SH	SOLE	1	10,408	0	0
FIRST BUSEY CORP	COM	319383204	680	27,884	SH	SOLE	1	27,884	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	106	5,291	SH	SOLE	1	5,291	0	0
FIRST CHOICE BANCORP	COM	31948P104	123	5,724	SH	SOLE	1	5,724	0	0
FIRST CITIZENS BCSHS CL A	COM	31946M103	56	138	SH	SOLE	1	138	0	0

FIRST COMMONWEALTH FINL CORP	COM	319829107	934	74,132	SH	SOLE	1	74,132	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	330	9,950	SH	SOLE	1	9,950	0	0
FIRST COMMUNITY CORP	COM	319835104	87	4,575	SH	SOLE	1	4,575	0	0
FIRST DATA CORP CLASS A	COM	32008D106	334	12,706	SH	SOLE	1	12,706	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	366	12,721	SH	SOLE	1	12,721	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,745	72,508	SH	SOLE	1	72,508	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	319	7,598	SH	SOLE	1	7,598	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	82	5,218	SH	SOLE	1	5,218	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	10,142	175,530	SH	SOLE	1	175,530	0	0
FIRST FOUNDATION INC	COM	32026V104	330	24,295	SH	SOLE	1	24,295	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	63	3,071	SH	SOLE	1	3,071	0	0
FIRST HAWAIIAN INC	COM	32051X108	60	2,309	SH	SOLE	1	2,309	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	8,875	634,848	SH	SOLE	1	634,848	0	0
FIRST INDUSTRIAL REALTY TR	REIT	32054K103	11,660	329,742	SH	SOLE	1	329,742	0	0
FIRST INTERNET BANCORP	COM	320557101	120	6,226	SH	SOLE	1	6,226	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	836	20,982	SH	SOLE	1	20,982	0	0
FIRST MERCHANTS CORP	COM	320817109	1,157	31,401	SH	SOLE	1	31,401	0	0
FIRST MID ILLINOIS BNCSHS	COM	320866106	270	8,095	SH	SOLE	1	8,095	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,637	80,030	SH	SOLE	1	80,030	0	0
FIRST NORTHWEST BANCORP	COM	335834107	91	5,865	SH	SOLE	1	5,865	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	343	15,653	SH	SOLE	1	15,653	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	6,055	60,277	SH	SOLE	1	60,277	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	63	1,162	SH	SOLE	1	1,162	0	0
FIRST SOLAR INC	COM	336433107	7,966	150,753	SH	SOLE	1	150,753	0	0
FIRST UNITED CORP	COM	33741H107	75	4,359	SH	SOLE	1	4,359	0	0
FIRSTCASH INC	COM	33767D105	2,801	32,382	SH	SOLE	1	32,382	0	0
FIRSTENERGY CORP	COM	337932107	14,631	351,619	SH	SOLE	1	351,619	0	0
FISERV INC	COM	337738108	16,223	183,768	SH	SOLE	1	183,768	0	0
FITBIT INC A	COM	33812L102	808	136,434	SH	SOLE	1	136,434	0	0
FIVE BELOW	COM	33829M101	18,027	145,088	SH	SOLE	1	145,088	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	287	21,386	SH	SOLE	1	21,386	0	0
FIVE9 INC	COM	338307101	1,933	36,580	SH	SOLE	1	36,580	0	0
FLAGSTAR BANCORP INC	COM	337930705	732	22,240	SH	SOLE	1	22,240	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	7,766	31,494	SH	SOLE	1	31,494	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	267	21,419	SH	SOLE	1	21,419	0	0



FLEXSTEEL INDS	COM	339382103	108	4,677 SH	SOLE	1	4,677	0	0
FLIR SYSTEMS INC	COM	302445101	2,285	48,024 SH	SOLE	1	48,024	0	0
FLOOR (PLUS) DECOR HOLDINGS INC A	COM	339750101	46	1,128 SH	SOLE	1	1,128	0	0
FLOTEK INDUSTRIES INC	COM	343389102	114	35,094 SH	SOLE	1	35,094	0	0
FLOWERS FOODS INC	COM	343498101	7,801	365,891 SH	SOLE	1	365,891	0	0
FLOWSERVE CORP	COM	34354P105	2,238	49,582 SH	SOLE	1	49,582	0	0
FLUENT INC	COM	34380C102	117	20,780 SH	SOLE	1	20,780	0	0
FLUIDIGM CORP	COM	34385P108	278	20,946 SH	SOLE	1	20,946	0	0
FLUOR CORP	COM	343412102	2,560	69,554 SH	SOLE	1	69,554	0	0
FLUSHING FINANCIAL CORP	COM	343873105	376	17,166 SH	SOLE	1	17,166	0	0
FMC CORP	COM	302491303	5,331	69,393 SH	SOLE	1	69,393	0	0
FNB CORP	COM	302520101	6,860	647,200 SH	SOLE	1	647,200	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	600	16,822 SH	SOLE	1	16,822	0	0
FONAR CORP	COM	344437405	81	3,970 SH	SOLE	1	3,970	0	0
FOOT LOCKER INC	COM	344849104	19,691	324,938 SH	SOLE	1	324,938	0	0
FORD MOTOR CO	COM	345370860	15,442	1,758,780 SH	SOLE	1	1,758,780	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	823	19,626 SH	SOLE	1	19,626	0	0
FORESTAR GROUP INC	COM	346232101	116	6,725 SH	SOLE	1	6,725	0	0
FORMFACTOR INC	COM	346375108	900	55,940 SH	SOLE	1	55,940	0	0
FORRESTER RESEARCH INC	COM	346563109	379	7,849 SH	SOLE	1	7,849	0	0
FORTERRA INC	COM	34960W106	51	12,036 SH	SOLE	1	12,036	0	0
FORTINET INC	COM	34959E109	4,232	50,400 SH	SOLE	1	50,400	0	0
FORTIVE CORP	COM	34959J108	11,134	132,717 SH	SOLE	1	132,717	0	0
FORTRESS BIOTECH INC	COM	34960Q109	41	23,266 SH	SOLE	1	23,266	0	0
FORTUNE BRANDS HOME (PLUS) SECURI	COM	34964C106	2,389	50,174 SH	SOLE	1	50,174	0	0
FORTY SEVEN INC	COM	34983P104	144	8,929 SH	SOLE	1	8,929	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	264	51,677 SH	SOLE	1	51,677	0	0
FORWARD AIR CORP	COM	349853101	1,410	21,788 SH	SOLE	1	21,788	0	0
FOSSIL GROUP INC	COM	34988V106	473	34,478 SH	SOLE	1	34,478	0	0
FOSTER (LB) CO A	COM	350060109	120	6,356 SH	SOLE	1	6,356	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	93	9,403 SH	SOLE	1	9,403	0	0
FOUR CORNERS PROPERTY TRUST	REIT	35086T109	1,518	51,267 SH	SOLE	1	51,267	0	0
FOX CORP CLASS A	COM	35137L105	6,201	168,931 SH	SOLE	1	168,931	0	0
FOX CORP CLASS B	COM	35137L204	2,508	69,904 SH	SOLE	1	69,904	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,921	27,490 SH	SOLE	1	27,490	0	0
FRANCESCAS HOLDINGS CORP	COM	351793104	15	22,212 SH	SOLE	1	22,212	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	290	46,691 SH	SOLE	1	46,691	0	0
FRANKLIN COVEY CO	COM	353469109	158	6,232 SH	SOLE	1	6,232	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,743	34,110 SH	SOLE	1	34,110	0	0

FRANKLIN FINANCIAL NETWORK	COM	35352P104	281	9,688	SH	SOLE	1	9,688	0	0
FRANKLIN RESOURCES INC	COM	354613101	9,278	279,949	SH	SOLE	1	279,949	0	0
FRANKLIN STREET PROPERTIES C	REIT	35471R106	569	79,140	SH	SOLE	1	79,140	0	0
FREEMPORT MCMORAN INC	COM	35671D857	6,517	505,572	SH	SOLE	1	505,572	0	0
FREIGHTCAR AMERICA INC	COM	357023100	47	7,616	SH	SOLE	1	7,616	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	525	19,409	SH	SOLE	1	19,409	0	0
FRESHPET INC	COM	358039105	708	16,736	SH	SOLE	1	16,736	0	0
FRONT YARD RESIDENTIAL CORP	REIT	35904G107	292	31,458	SH	SOLE	1	31,458	0	0
FRONTDOOR INC	COM	35905A109	55	1,585	SH	SOLE	1	1,585	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	157	78,946	SH	SOLE	1	78,946	0	0
FRONTLINE LTD	COM	G3682E192	317	49,055	SH	SOLE	1	49,055	0	0
FRP HOLDINGS INC	COM	30292L107	215	4,513	SH	SOLE	1	4,513	0	0
FS BANCORP INC	COM	30263Y104	124	2,450	SH	SOLE	1	2,450	0	0
FTI CONSULTING INC	COM	302941109	2,204	28,695	SH	SOLE	1	28,695	0	0
FTS INTERNATIONAL INC	COM	30283W104	208	20,750	SH	SOLE	1	20,750	0	0
FUELCELL ENERGY INC	COM	35952H502	16	63,059	SH	SOLE	1	63,059	0	0
FULTON FINANCIAL CORP	COM	360271100	6,847	442,315	SH	SOLE	1	442,315	0	0
FUNKO INC CLASS A	COM	361008105	154	7,096	SH	SOLE	1	7,096	0	0
FUSION CONNECT INC	COM	36116X102	19	14,263	SH	SOLE	1	14,263	0	0
FUTUREFUEL CORP	COM	36116M106	709	52,881	SH	SOLE	1	52,881	0	0
FVCBANKCORP INC	COM	36120Q101	21	1,259	SH	SOLE	1	1,259	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,306	32,676	SH	SOLE	1	32,676	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	246	14,794	SH	SOLE	1	14,794	0	0
GAIA INC	COM	36269P104	66	7,179	SH	SOLE	1	7,179	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	108	17,260	SH	SOLE	1	17,260	0	0
GAMCO INVESTORS INC A	COM	361438104	62	3,035	SH	SOLE	1	3,035	0	0
GAMESTOP CORP CLASS A	COM	36467W109	1,272	125,183	SH	SOLE	1	125,183	0	0
GAMING AND LEISURE PROPERTIE	REIT	36467J108	153	3,955	SH	SOLE	1	3,955	0	0
GANNETT CO INC	COM	36473H104	904	85,747	SH	SOLE	1	85,747	0	0
GAP INC/THE	COM	364760108	379,560	14,498,094	SH	SOLE	1	14,498,094	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	69	2,467	SH	SOLE	1	2,467	0	0
GARMIN LTD	COM	H2906T109	3,992	46,227	SH	SOLE	1	46,227	0	0
GARRETT MOTION INC	COM	366505105	128	8,723	SH	SOLE	1	8,723	0	0
GARTNER INC	COM	366651107	4,973	32,785	SH	SOLE	1	32,785	0	0
GASLOG LTD	COM	G37585109	454	25,982	SH	SOLE	1	25,982	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	11	778	SH	SOLE	1	778	0	0
GATX CORP	COM	361448103	7,357	96,337	SH	SOLE	1	96,337	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	98	1,766	SH	SOLE	1	1,766	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	1,358	45,867	SH	SOLE	1	45,867	0	0

GENCO SHIPPING (PLUS) TRADING LTD	COM	Y2685T131	46	6,225	SH	SOLE	1	6,225	0	0
GENCOR INDUSTRIES INC	COM	368678108	69	5,612	SH	SOLE	1	5,612	0	0
GENERAC HOLDINGS INC	COM	368736104	1,982	38,688	SH	SOLE	1	38,688	0	0
GENERAL DYNAMICS CORP	COM	369550108	15,439	91,201	SH	SOLE	1	91,201	0	0
GENERAL ELECTRIC CO	COM	369604103	29,272	2,930,149	SH	SOLE	1	2,930,149	0	0
GENERAL FINANCE CORP	COM	369822101	66	7,039	SH	SOLE	1	7,039	0	0
GENERAL MILLS INC	COM	370334104	477,440	9,225,895	SH	SOLE	1	9,225,895	0	0
GENERAL MOTORS CO	COM	37045V100	16,369	441,223	SH	SOLE	1	441,223	0	0
GENESCO INC	COM	371532102	681	14,948	SH	SOLE	1	14,948	0	0
GENESEE (PLUS) WYOMING INC CL A	COM	371559105	9,795	112,401	SH	SOLE	1	112,401	0	0
GENESIS HEALTHCARE INC	COM	37185X106	52	36,415	SH	SOLE	1	36,415	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	234	33,065	SH	SOLE	1	33,065	0	0
GENOMIC HEALTH INC	COM	37244C101	936	13,365	SH	SOLE	1	13,365	0	0
GENPACT LTD	COM	G3922B107	101	2,880	SH	SOLE	1	2,880	0	0
GENTEX CORP	COM	371901109	10,719	518,333	SH	SOLE	1	518,333	0	0
GENTHERM INC	COM	37253A103	965	26,192	SH	SOLE	1	26,192	0	0
GENUINE PARTS CO	COM	372460105	19,773	176,500	SH	SOLE	1	176,500	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	5,024	1,311,619	SH	SOLE	1	1,311,619	0	0
GEO GROUP INC/THE	REIT	36162J106	6,055	315,339	SH	SOLE	1	315,339	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	21	1,607	SH	SOLE	1	1,607	0	0
GERMAN AMERICAN BANCORP	COM	373865104	429	14,582	SH	SOLE	1	14,582	0	0
GERON CORP	COM	374163103	181	109,319	SH	SOLE	1	109,319	0	0
GETTY REALTY CORP	REIT	374297109	797	24,888	SH	SOLE	1	24,888	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,552	38,212	SH	SOLE	1	38,212	0	0
GILEAD SCIENCES INC	COM	375558103	379,290	5,834,335	SH	SOLE	1	5,834,335	0	0
GLACIER BANCORP INC	COM	37637Q105	2,570	64,128	SH	SOLE	1	64,128	0	0
GLADSTONE COMMERCIAL CORP	REIT	376536108	380	18,288	SH	SOLE	1	18,288	0	0
GLADSTONE LAND CORP	REIT	376549101	117	9,225	SH	SOLE	1	9,225	0	0
GLATFELTER	COM	377316104	465	32,902	SH	SOLE	1	32,902	0	0
GLAUKOS CORP	COM	377322102	1,703	21,730	SH	SOLE	1	21,730	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,807	34,140	SH	SOLE	1	34,140	0	0
GLOBAL BRASS (PLUS) COPPER HOLDIN	COM	37953G103	478	13,875	SH	SOLE	1	13,875	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	163	5,360	SH	SOLE	1	5,360	0	0
GLOBAL MEDICAL REIT INC	REIT	37954A204	141	14,404	SH	SOLE	1	14,404	0	0
GLOBAL NET LEASE INC	REIT	379378201	1,110	58,734	SH	SOLE	1	58,734	0	0
GLOBAL PAYMENTS INC	COM	37940X102	7,495	54,898	SH	SOLE	1	54,898	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	68	6,899	SH	SOLE	1	6,899	0	0
GLOBUS MEDICAL INC A	COM	379577208	9,780	197,941	SH	SOLE	1	197,941	0	0
GLU MOBILE INC	COM	379890106	786	71,884	SH	SOLE	1	71,884	0	0

GLYCOMIMETICS INC	COM	38000Q102	271	21,721 SH	SOLE	1	21,721	0	0
GMS INC	COM	36251C103	314	20,774 SH	SOLE	1	20,774	0	0
GNC HOLDINGS INC CL A	COM	36191G107	143	52,372 SH	SOLE	1	52,372	0	0
GODADDY INC CLASS A	COM	380237107	281	3,741 SH	SOLE	1	3,741	0	0
GOGO INC	COM	38046C109	165	36,794 SH	SOLE	1	36,794	0	0
GOLAR LNG LTD	COM	G9456A100	1,273	60,349 SH	SOLE	1	60,349	0	0
GOLD RESOURCE CORP	COM	38068T105	132	33,574 SH	SOLE	1	33,574	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	168	11,843 SH	SOLE	1	11,843	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	22,133	115,284 SH	SOLE	1	115,284	0	0
GOODRICH PETROLEUM CORP	COM	382410843	77	5,655 SH	SOLE	1	5,655	0	0
GOODYEAR TIRE (PLUS) RUBBER CO	COM	382550101	8,407	463,176 SH	SOLE	1	463,176	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	173	6,222 SH	SOLE	1	6,222	0	0
GOPRO INC CLASS A	COM	38268T103	476	73,285 SH	SOLE	1	73,285	0	0
GORMAN RUPP CO	COM	383082104	382	11,254 SH	SOLE	1	11,254	0	0
GOSSAMER BIO INC	COM	38341P102	153	7,080 SH	SOLE	1	7,080	0	0
GP STRATEGIES CORP	COM	36225V104	96	7,910 SH	SOLE	1	7,910	0	0
GRACO INC	COM	384109104	16,375	330,670 SH	SOLE	1	330,670	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	14	1,074 SH	SOLE	1	1,074	0	0
GRAHAM CORP	COM	384556106	120	6,110 SH	SOLE	1	6,110	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,987	10,227 SH	SOLE	1	10,227	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	126	1,102 SH	SOLE	1	1,102	0	0
GRANITE CONSTRUCTION INC	COM	387328107	5,193	120,337 SH	SOLE	1	120,337	0	0
GRANITE POINT MORTGAGE TRUST	REIT	38741L107	710	38,255 SH	SOLE	1	38,255	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	72	5,725 SH	SOLE	1	5,725	0	0
GRAY TELEVISION INC	COM	389375106	1,088	50,958 SH	SOLE	1	50,958	0	0
GREAT AJAX CORP	REIT	38983D300	141	10,249 SH	SOLE	1	10,249	0	0
GREAT LAKES DREDGE (PLUS) DOCK CO	COM	390607109	324	36,398 SH	SOLE	1	36,398	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	366	7,043 SH	SOLE	1	7,043	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,366	43,238 SH	SOLE	1	43,238	0	0
GREEN BRICK PARTNERS INC	COM	392709101	137	15,644 SH	SOLE	1	15,644	0	0
GREEN DOT CORP CLASS A	COM	39304D102	7,580	124,975 SH	SOLE	1	124,975	0	0
GREEN PLAINS INC	COM	393222104	495	29,677 SH	SOLE	1	29,677	0	0
GREENBRIER COMPANIES INC	COM	393657101	773	23,999 SH	SOLE	1	23,999	0	0
GREENE COUNTY BANCORP INC	COM	394357107	59	1,937 SH	SOLE	1	1,937	0	0
GREENHILL (PLUS) CO INC	COM	395259104	287	13,351 SH	SOLE	1	13,351	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	199	18,332 SH	SOLE	1	18,332	0	0
GREIF INC CL A	COM	397624107	4,148	100,557 SH	SOLE	1	100,557	0	0

GREIF INC CL B	COM	397624206	174	3,553 SH	SOLE	1	3,553	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	19	531 SH	SOLE	1	531	0	0
GRIFFON CORP	COM	398433102	492	26,637 SH	SOLE	1	26,637	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	59	4,412 SH	SOLE	1	4,412	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	895	13,827 SH	SOLE	1	13,827	0	0
GROUPON INC	COM	399473107	1,009	284,354 SH	SOLE	1	284,354	0	0
GRUBHUB INC	COM	400110102	146	2,108 SH	SOLE	1	2,108	0	0
GTT COMMUNICATIONS INC	COM	362393100	939	27,065 SH	SOLE	1	27,065	0	0
GTX INC	COM	40052B207	4	3,231 SH	SOLE	1	3,231	0	0
GUARANTY BANCSHARES INC	COM	400764106	142	4,852 SH	SOLE	1	4,852	0	0
GUARDANT HEALTH INC	COM	40131M109	710	9,251 SH	SOLE	1	9,251	0	0
GUESS INC	COM	401617105	851	43,417 SH	SOLE	1	43,417	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	184	1,894 SH	SOLE	1	1,894	0	0
GULF ISLAND FABRICATION INC	COM	402307102	15	1,634 SH	SOLE	1	1,634	0	0
GULFPORT ENERGY CORP	COM	402635304	1,034	128,899 SH	SOLE	1	128,899	0	0
H.B. FULLER CO.	COM	359694106	1,863	38,296 SH	SOLE	1	38,296	0	0
H(PLUS)E EQUIPMENT SERVICES INC	COM	404030108	509	20,290 SH	SOLE	1	20,290	0	0
H(PLUS)R BLOCK INC	COM	093671105	15,213	635,480 SH	SOLE	1	635,480	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	141	13,008 SH	SOLE	1	13,008	0	0
HACKETT GROUP INC/THE	COM	404609109	243	15,366 SH	SOLE	1	15,366	0	0
HAEMONETICS CORP/MASS	COM	405024100	11,683	133,547 SH	SOLE	1	133,547	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,132	178,699 SH	SOLE	1	178,699	0	0
HALCON RESOURCES CORP	COM	40537Q605	115	85,111 SH	SOLE	1	85,111	0	0
HALLADOR ENERGY CO	COM	40609P105	56	10,590 SH	SOLE	1	10,590	0	0
HALLIBURTON CO	COM	406216101	8,605	293,701 SH	SOLE	1	293,701	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	86	8,314 SH	SOLE	1	8,314	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,281	79,570 SH	SOLE	1	79,570	0	0
HAMILTON BEACH BRAND A	COM	40701T104	88	4,105 SH	SOLE	1	4,105	0	0
HAMILTON LANE INC CLASS A	COM	407497106	464	10,646 SH	SOLE	1	10,646	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,038	223,704 SH	SOLE	1	223,704	0	0
HANESBRANDS INC	COM	410345102	17,218	962,964 SH	SOLE	1	962,964	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	490	23,018 SH	SOLE	1	23,018	0	0
HANNON ARMSTRONG SUSTAINABLE	REIT	41068X100	973	37,951 SH	SOLE	1	37,951	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	11,670	102,212 SH	SOLE	1	102,212	0	0
HARBORONE BANCORP INC	COM	41165F101	159	9,259 SH	SOLE	1	9,259	0	0

HARLEY DAVIDSON INC	COM	412822108	2,018	56,576	SH	SOLE	1	56,576	0	0
HARMONIC INC	COM	413160102	351	64,680	SH	SOLE	1	64,680	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	15	1,636	SH	SOLE	1	1,636	0	0
HARRIS CORP	COM	413875105	6,668	41,751	SH	SOLE	1	41,751	0	0
HARSCO CORP	COM	415864107	1,224	60,704	SH	SOLE	1	60,704	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,330	127,304	SH	SOLE	1	127,304	0	0
HARVARD BIOSCIENCE INC	COM	416906105	100	23,222	SH	SOLE	1	23,222	0	0
HASBRO INC	COM	418056107	5,043	59,320	SH	SOLE	1	59,320	0	0
HAVERTY FURNITURE	COM	419596101	308	14,080	SH	SOLE	1	14,080	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	8,858	217,272	SH	SOLE	1	217,272	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	971	36,991	SH	SOLE	1	36,991	0	0
HAWKINS INC	COM	420261109	269	7,311	SH	SOLE	1	7,311	0	0
HAYNES INTERNATIONAL INC	COM	420877201	308	9,391	SH	SOLE	1	9,391	0	0
HC2 HOLDINGS INC	COM	404139107	66	27,126	SH	SOLE	1	27,126	0	0
HCA HEALTHCARE INC	COM	40412C101	14,781	113,369	SH	SOLE	1	113,369	0	0
HCI GROUP INC	COM	40416E103	230	5,383	SH	SOLE	1	5,383	0	0
HCP INC	REIT	40414L109	5,558	177,563	SH	SOLE	1	177,563	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,604	36,991	SH	SOLE	1	36,991	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	221	8,241	SH	SOLE	1	8,241	0	0
HEALTHCARE REALTY TRUST INC	REIT	421946104	10,494	326,813	SH	SOLE	1	326,813	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	6,372	193,158	SH	SOLE	1	193,158	0	0
HEALTHCARE TRUST OF AME CL A	REIT	42225P501	104	3,636	SH	SOLE	1	3,636	0	0
HEALTHEQUITY INC	COM	42226A107	10,494	141,845	SH	SOLE	1	141,845	0	0
HEALTHSTREAM INC	COM	42222N103	548	19,532	SH	SOLE	1	19,532	0	0
HEARTLAND EXPRESS INC	COM	422347104	683	35,414	SH	SOLE	1	35,414	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	799	18,731	SH	SOLE	1	18,731	0	0
HECLA MINING CO	COM	422704106	672	292,295	SH	SOLE	1	292,295	0	0
HEICO CORP	COM	422806109	85	898	SH	SOLE	1	898	0	0
HEICO CORP CLASS A	COM	422806208	149	1,769	SH	SOLE	1	1,769	0	0
HEIDRICK (PLUS) STRUGGLES INTL	COM	422819102	542	14,148	SH	SOLE	1	14,148	0	0
HELEN OF TROY LTD	COM	G4388N106	7,771	67,013	SH	SOLE	1	67,013	0	0
HELIUS MEDICAL TECHNOLOGIES	COM	42328V504	76	11,393	SH	SOLE	1	11,393	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	840	106,229	SH	SOLE	1	106,229	0	0
HELMERICH (PLUS) PAYNE	COM	423452101	2,299	41,382	SH	SOLE	1	41,382	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	13,651	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	163	11,553	SH	SOLE	1	11,553	0	0
HENRY SCHEIN INC	COM	806407102	4,741	78,867	SH	SOLE	1	78,867	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	107	2,024	SH	SOLE	1	2,024	0	0

HERC HOLDINGS INC	COM	42704L104	597	15,318	SH	SOLE	1	15,318	0	0
HERITAGE COMMERCE CORP	COM	426927109	308	25,482	SH	SOLE	1	25,482	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	259	9,447	SH	SOLE	1	9,447	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	821	27,227	SH	SOLE	1	27,227	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	186	12,773	SH	SOLE	1	12,773	0	0
HERMAN MILLER INC	COM	600544100	5,415	153,915	SH	SOLE	1	153,915	0	0
HERON THERAPEUTICS INC	COM	427746102	1,074	43,956	SH	SOLE	1	43,956	0	0
HERSHA HOSPITALITY TRUST	REIT	427825500	462	26,959	SH	SOLE	1	26,959	0	0
HERSHEY CO/THE	COM	427866108	17,012	148,146	SH	SOLE	1	148,146	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	607	34,972	SH	SOLE	1	34,972	0	0
HESKA CORP	COM	42805E306	436	5,127	SH	SOLE	1	5,127	0	0
HESS CORP	COM	42809H107	6,893	114,445	SH	SOLE	1	114,445	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,184	595,220	SH	SOLE	1	595,220	0	0
HEXCEL CORP	COM	428291108	113	1,636	SH	SOLE	1	1,636	0	0
HFF INC CLASS A	COM	40418F108	1,364	28,575	SH	SOLE	1	28,575	0	0
HIBBETT SPORTS INC	COM	428567101	315	13,805	SH	SOLE	1	13,805	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	598	270,479	SH	SOLE	1	270,479	0	0
HIGHWOODS PROPERTIES INC	REIT	431284108	9,661	206,524	SH	SOLE	1	206,524	0	0
HILL ROM HOLDINGS INC	COM	431475102	14,102	133,209	SH	SOLE	1	133,209	0	0
HILLENBRAND INC	COM	431571108	1,969	47,413	SH	SOLE	1	47,413	0	0
HILLTOP HOLDINGS INC	COM	432748101	829	45,434	SH	SOLE	1	45,434	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	70	2,259	SH	SOLE	1	2,259	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	8,447	101,637	SH	SOLE	1	101,637	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	146	846	SH	SOLE	1	846	0	0
HMS HOLDINGS CORP	COM	40425J101	1,862	62,896	SH	SOLE	1	62,896	0	0
HNI CORP	COM	404251100	4,125	113,678	SH	SOLE	1	113,678	0	0
HOLLYFRONTIER CORP	COM	436106108	3,342	67,829	SH	SOLE	1	67,829	0	0
HOLOGIC INC	COM	436440101	5,033	103,993	SH	SOLE	1	103,993	0	0
HOME BANCORP INC	COM	43689E107	166	4,990	SH	SOLE	1	4,990	0	0
HOME BANCSHARES INC	COM	436893200	8,635	491,457	SH	SOLE	1	491,457	0	0
HOME DEPOT INC	COM	437076102	94,018	489,957	SH	SOLE	1	489,957	0	0
HOMESTREET INC	COM	43785V102	503	19,075	SH	SOLE	1	19,075	0	0
HOMETRUST BANCSHARES INC	COM	437872104	272	10,791	SH	SOLE	1	10,791	0	0
HOMOLOGY MEDICINES INC	COM	438083107	304	10,954	SH	SOLE	1	10,954	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	45,431	285,874	SH	SOLE	1	285,874	0	0
HOOKER FURNITURE CORP	COM	439038100	213	7,380	SH	SOLE	1	7,380	0	0
HOPE BANCORP INC	COM	43940T109	2,607	199,328	SH	SOLE	1	199,328	0	0

HORACE MANN EDUCATORS	COM	440327104	1,094	31,076	SH	SOLE	1	31,076	0	0
HORIZON BANCORP INC/IN	COM	440407104	380	23,612	SH	SOLE	1	23,612	0	0
HORIZON PHARMA PLC	COM	G4617B105	3,037	114,925	SH	SOLE	1	114,925	0	0
HORMEL FOODS CORP	COM	440452100	5,584	124,759	SH	SOLE	1	124,759	0	0
HOSPITALITY PROPERTIES TRUST	REIT	44106M102	8,629	327,964	SH	SOLE	1	327,964	0	0
HOST HOTELS (PLUS) RESORTS INC	REIT	44107P104	5,338	282,435	SH	SOLE	1	282,435	0	0
HOSTESS BRANDS INC	COM	44109J106	787	62,958	SH	SOLE	1	62,958	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	480	66,000	SH	SOLE	1	66,000	0	0
HOULIHAN LOKEY INC	COM	441593100	990	21,583	SH	SOLE	1	21,583	0	0
HOVNIANIAN ENTERPRISES A	COM	442487401	34	3,094	SH	SOLE	1	3,094	0	0
HOWARD BANCORP INC	COM	442496105	123	8,336	SH	SOLE	1	8,336	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	85	772	SH	SOLE	1	772	0	0
HP INC	COM	40434L105	316,280	16,277,942	SH	SOLE	1	16,277,942	0	0
HUB GROUP INC CL A	COM	443320106	1,016	24,864	SH	SOLE	1	24,864	0	0
HUBBELL INC	COM	443510607	12,874	109,124	SH	SOLE	1	109,124	0	0
HUBSPOT INC	COM	443573100	3,925	23,615	SH	SOLE	1	23,615	0	0
HUDSON LTD CLASS A	COM	G46408103	349	25,372	SH	SOLE	1	25,372	0	0
HUDSON PACIFIC PROPERTIES IN	REIT	444097109	97	2,810	SH	SOLE	1	2,810	0	0
HUMANA INC	COM	444859102	16,622	62,487	SH	SOLE	1	62,487	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,126	40,736	SH	SOLE	1	40,736	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,300	496,865	SH	SOLE	1	496,865	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,095	14,939	SH	SOLE	1	14,939	0	0
HUNTSMAN CORP	COM	447011107	86	3,822	SH	SOLE	1	3,822	0	0
HURCO COMPANIES INC	COM	447324104	163	4,035	SH	SOLE	1	4,035	0	0
HURON CONSULTING GROUP INC	COM	447462102	666	14,101	SH	SOLE	1	14,101	0	0
HYATT HOTELS CORP CL A	COM	448579102	54	740	SH	SOLE	1	740	0	0
HYSTER YALE MATERIALS	COM	449172105	412	6,611	SH	SOLE	1	6,611	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	140	5,836	SH	SOLE	1	5,836	0	0
IAC/INTERACTIVECORP	COM	44919P508	695	3,309	SH	SOLE	1	3,309	0	0
IBERIABANK CORP	COM	450828108	2,539	35,411	SH	SOLE	1	35,411	0	0
ICF INTERNATIONAL INC	COM	44925C103	877	11,533	SH	SOLE	1	11,533	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	375	16,611	SH	SOLE	1	16,611	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	176	15,369	SH	SOLE	1	15,369	0	0
ICU MEDICAL INC	COM	44930G107	7,944	33,191	SH	SOLE	1	33,191	0	0
IDACORP INC	COM	451107106	13,121	131,814	SH	SOLE	1	131,814	0	0
IDERA PHARMACEUTICALS INC	COM	45168K405	31	12,171	SH	SOLE	1	12,171	0	0
IDEX CORP	COM	45167R104	23,005	151,611	SH	SOLE	1	151,611	0	0



IDEXX LABORATORIES INC	COM	45168D104	8,617	38,539 SH	SOLE	1	38,539	0	0
IES HOLDINGS INC	COM	44951W106	95	5,319 SH	SOLE	1	5,319	0	0
IHS MARKIT LTD	COM	G47567105	8,121	149,340 SH	SOLE	1	149,340	0	0
II VI INC	COM	902104108	1,754	47,103 SH	SOLE	1	47,103	0	0
ILLINOIS TOOL WORKS	COM	452308109	18,638	129,852 SH	SOLE	1	129,852	0	0
ILLUMINA INC	COM	452327109	20,158	64,881 SH	SOLE	1	64,881	0	0
IMAX CORP	COM	45245E109	776	34,207 SH	SOLE	1	34,207	0	0
IMMERSION CORPORATION	COM	452521107	139	16,525 SH	SOLE	1	16,525	0	0
IMMUNE DESIGN CORP	COM	45252L103	126	21,492 SH	SOLE	1	21,492	0	0
IMMUNOGEN INC	COM	45253H101	248	91,542 SH	SOLE	1	91,542	0	0
IMMUNOMEDICS INC	COM	452907108	1,837	95,640 SH	SOLE	1	95,640	0	0
IMPAC MORTGAGE HOLDINGS INC	COM	45254P508	25	6,255 SH	SOLE	1	6,255	0	0
IMPINJ INC	COM	453204109	174	10,414 SH	SOLE	1	10,414	0	0
INCYTE CORP	COM	45337C102	7,357	85,532 SH	SOLE	1	85,532	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	86	31,082 SH	SOLE	1	31,082	0	0
INDEPENDENCE HOLDING CO	COM	453440307	105	2,976 SH	SOLE	1	2,976	0	0
INDEPENDENCE REALTY TRUST IN	REIT	45378A106	727	67,405 SH	SOLE	1	67,405	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	295	13,703 SH	SOLE	1	13,703	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,762	21,752 SH	SOLE	1	21,752	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,069	20,840 SH	SOLE	1	20,840	0	0
INDUSTRIAL LOGISTICS PROP WI	REIT	456237106	831	41,221 SH	SOLE	1	41,221	0	0
INFINERA CORP	COM	45667G103	417	96,198 SH	SOLE	1	96,198	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	81	21,775 SH	SOLE	1	21,775	0	0
INFOSYS LTD SP ADR	ADR	456788108	624	57,118 SH	SOLE	1	57,118	0	0
INFRAREIT INC	REIT	45685L100	591	28,202 SH	SOLE	1	28,202	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	57	10,932 SH	SOLE	1	10,932	0	0
INGERSOLL RAND PLC	COM	G47791101	10,164	94,153 SH	SOLE	1	94,153	0	0
INGEVITY CORP	COM	45688C107	11,546	109,327 SH	SOLE	1	109,327	0	0
INGLES MARKETS INC CLASS A	COM	457030104	248	8,995 SH	SOLE	1	8,995	0	0
INGREDION INC	COM	457187102	13,923	147,033 SH	SOLE	1	147,033	0	0
INNERWORKINGS INC	COM	45773Y105	99	27,453 SH	SOLE	1	27,453	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	444	14,728 SH	SOLE	1	14,728	0	0
INNOSPEC INC	COM	45768S105	1,528	18,334 SH	SOLE	1	18,334	0	0
INNOVATE BIOPHARMACEUTICALS	COM	45782F105	25	13,133 SH	SOLE	1	13,133	0	0
INNOVATIVE INDUSTRIAL PROPER	REIT	45781V101	576	7,053 SH	SOLE	1	7,053	0	0
INNOVIVA INC	COM	45781M101	729	51,945 SH	SOLE	1	51,945	0	0
INOGEN INC	COM	45780L104	4,461	46,773 SH	SOLE	1	46,773	0	0
INOVALON HOLDINGS INC A	COM	45781D101	546	43,934 SH	SOLE	1	43,934	0	0

INOVIO PHARMACEUTICALS INC	COM	45773H201	207	55,425	SH	SOLE	1	55,425	0	0
INPHI CORP	COM	45772F107	1,212	27,702	SH	SOLE	1	27,702	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,464	26,594	SH	SOLE	1	26,594	0	0
INSMED INC	COM	457669307	1,420	48,834	SH	SOLE	1	48,834	0	0
INSPERITY INC	COM	45778Q107	12,131	98,101	SH	SOLE	1	98,101	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	535	9,428	SH	SOLE	1	9,428	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	791	16,312	SH	SOLE	1	16,312	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	288	13,775	SH	SOLE	1	13,775	0	0
INSTRUCTURE INC	COM	45781U103	955	20,263	SH	SOLE	1	20,263	0	0
INSULET CORP	COM	45784P101	130	1,364	SH	SOLE	1	1,364	0	0
INSYS THERAPEUTICS INC	COM	45824V209	79	17,141	SH	SOLE	1	17,141	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,763	23,370	SH	SOLE	1	23,370	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	7,880	141,426	SH	SOLE	1	141,426	0	0
INTEGRATED DEVICE TECH INC	COM	458118106	16,549	337,803	SH	SOLE	1	337,803	0	0
INTEL CORP	COM	458140100	111,869	2,083,214	SH	SOLE	1	2,083,214	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	362	21,187	SH	SOLE	1	21,187	0	0
INTELSAT SA	COM	L5140P101	557	35,538	SH	SOLE	1	35,538	0	0
INTER PARFUMS INC	COM	458334109	997	13,135	SH	SOLE	1	13,135	0	0
INTERACTIVE BROKERS GRO CL A	COM	45841N107	7,789	150,126	SH	SOLE	1	150,126	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,562	13,968	SH	SOLE	1	13,968	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	19,305	253,551	SH	SOLE	1	253,551	0	0
INTERDIGITAL INC	COM	45867G101	5,673	85,986	SH	SOLE	1	85,986	0	0
INTERFACE INC	COM	458665304	684	44,678	SH	SOLE	1	44,678	0	0
INTERNAP CORP	COM	45885A409	77	15,460	SH	SOLE	1	15,460	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,436	142,950	SH	SOLE	1	142,950	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	23	1,757	SH	SOLE	1	1,757	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,869	170,064	SH	SOLE	1	170,064	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	238	13,871	SH	SOLE	1	13,871	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	15,453	735,504	SH	SOLE	1	735,504	0	0
INTERSECT ENT INC	COM	46071F103	614	19,091	SH	SOLE	1	19,091	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	436,629	3,094,468	SH	SOLE	1	3,094,468	0	0
INTL FCSTONE INC	COM	46116V105	456	11,774	SH	SOLE	1	11,774	0	0
INTL FLAVORS (PLUS) FRAGRANCES	COM	459506101	5,626	43,681	SH	SOLE	1	43,681	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,705	61,988	SH	SOLE	1	61,988	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	348	28,562	SH	SOLE	1	28,562	0	0
INTREPID POTASH INC	COM	46121Y102	231	60,920	SH	SOLE	1	60,920	0	0
INTREXON CORP	COM	46122T102	247	46,953	SH	SOLE	1	46,953	0	0

INTRICON CORP	COM	46121H109	122	4,850 SH	SOLE	1	4,850	0	0
INTUIT INC	COM	461202103	29,534	112,979 SH	SOLE	1	112,979	0	0
INTUITIVE SURGICAL INC	COM	46120E602	25,178	44,127 SH	SOLE	1	44,127	0	0
INVACARE CORP	COM	461203101	209	24,923 SH	SOLE	1	24,923	0	0
INVESCO LTD	COM	G491BT108	3,394	175,776 SH	SOLE	1	175,776	0	0
INVESCO MORTGAGE CAPITAL	REIT	46131B100	1,533	97,022 SH	SOLE	1	97,022	0	0
INVESTAR HOLDING CORP	COM	46134L105	129	5,665 SH	SOLE	1	5,665	0	0
INVESTORS BANCORP INC	COM	46146L101	1,796	151,548 SH	SOLE	1	151,548	0	0
INVESTORS REAL ESTATE TRUST	REIT	461730509	458	7,649 SH	SOLE	1	7,649	0	0
INVESTORS TITLE CO	COM	461804106	139	879 SH	SOLE	1	879	0	0
INVITAE CORP	COM	46185L103	1,059	45,210 SH	SOLE	1	45,210	0	0
INVITATION HOMES INC	REIT	46187W107	127	5,233 SH	SOLE	1	5,233	0	0
ION GEOPHYSICAL CORP	COM	462044207	98	6,780 SH	SOLE	1	6,780	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	237	2,916 SH	SOLE	1	2,916	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	642	67,515 SH	SOLE	1	67,515	0	0
IPG PHOTONICS CORP	COM	44980X109	2,009	13,236 SH	SOLE	1	13,236	0	0
IQVIA HOLDINGS INC	COM	46266C105	9,870	68,616 SH	SOLE	1	68,616	0	0
IRADIMED CORP	COM	46266A109	64	2,291 SH	SOLE	1	2,291	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,153	15,378 SH	SOLE	1	15,378	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,923	72,734 SH	SOLE	1	72,734	0	0
IROBOT CORP	COM	462726100	2,409	20,472 SH	SOLE	1	20,472	0	0
IRON MOUNTAIN INC	REIT	46284V101	5,121	144,419 SH	SOLE	1	144,419	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,214	89,710 SH	SOLE	1	89,710	0	0
ISHARES 1 3 YEAR TREASURY BOND	ETF	464287457	4,189	49,800 SH	SOLE	1	49,800	0	0
ISHARES 10 20 YEAR TREASURY BO	ETF	464288653	1,487	10,800 SH	SOLE	1	10,800	0	0
ISHARES 20 YEAR TREASURY BOND	ETF	464287432	1,656	13,100 SH	SOLE	1	13,100	0	0
ISHARES 3 7 YEAR TREASURY BOND	ETF	464288661	4,053	32,900 SH	SOLE	1	32,900	0	0
ISHARES 7 10 YEAR TREASURY BON	ETF	464287440	2,325	21,800 SH	SOLE	1	21,800	0	0
ISHARES CORE S(PLUS)P SMALL CAP ETF	ETF	464287804	604	7,831 SH	SOLE	1	7,831	0	0
ISHARES IBOXX INVESTMENT GRA	ETF	464287242	11,882	99,800 SH	SOLE	1	99,800	0	0
ISHARES MSCI EAFE ETF	ETF	464287465	43,255	666,900 SH	SOLE	1	666,900	0	0
ISHARES MSCI EMERGING MARKETS	ETF	464287234	3,739	87,117 SH	SOLE	1	87,117	0	0
ISHARES MSCI INDIA ETF	ETF	46429B598	4,173	118,386 SH	SOLE	1	118,386	0	0
ISHARES RUSSELL 2000 ETF	ETF	464287655	4,993	32,614 SH	SOLE	1	32,614	0	0
ISHARES RUSSELL MID CAP GROWTH	ETF	464287481	650	4,794 SH	SOLE	1	4,794	0	0
ISHARES RUSSELL MID CAP VALUE	ETF	464287473	2,148	24,725 SH	SOLE	1	24,725	0	0

ISHARES S(PLUS)P 500 GROWTH ETF	ETF	464287309	9,791	56,804	SH	SOLE	1	56,804	0	0
ISHARES S(PLUS)P 500 VALUE ETF	ETF	464287408	5,869	52,060	SH	SOLE	1	52,060	0	0
ISRAMCO INC	COM	465141406	53	473	SH	SOLE	1	473	0	0
ISTAR INC	REIT	45031U101	417	49,542	SH	SOLE	1	49,542	0	0
ITERIS INC	COM	46564T107	68	16,214	SH	SOLE	1	16,214	0	0
ITRON INC	COM	465741106	1,193	25,582	SH	SOLE	1	25,582	0	0
ITT INC	COM	45073V108	10,111	174,327	SH	SOLE	1	174,327	0	0
J (PLUS) J SNACK FOODS CORP	COM	466032109	1,804	11,360	SH	SOLE	1	11,360	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	80	8,192	SH	SOLE	1	8,192	0	0
J. JILL INC	COM	46620W102	58	10,478	SH	SOLE	1	10,478	0	0
J.C. PENNEY CO INC	COM	708160106	354	237,508	SH	SOLE	1	237,508	0	0
J2 GLOBAL INC	COM	48123V102	10,518	121,460	SH	SOLE	1	121,460	0	0
JABIL INC	COM	466313103	7,476	281,143	SH	SOLE	1	281,143	0	0
JACK HENRY (PLUS) ASSOCIATES INC	COM	426281101	3,793	27,338	SH	SOLE	1	27,338	0	0
JACK IN THE BOX INC	COM	466367109	5,467	67,441	SH	SOLE	1	67,441	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	3,134	41,682	SH	SOLE	1	41,682	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	429	40,946	SH	SOLE	1	40,946	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	805	20,089	SH	SOLE	1	20,089	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	8,148	326,189	SH	SOLE	1	326,189	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	454	3,179	SH	SOLE	1	3,179	0	0
JBG SMITH PROPERTIES	REIT	46590V100	9,096	219,983	SH	SOLE	1	219,983	0	0
JD.COM INC ADR	ADR	47215P106	2,035	67,486	SH	SOLE	1	67,486	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	3,525	187,602	SH	SOLE	1	187,602	0	0
JELD WEN HOLDING INC	COM	47580P103	766	43,351	SH	SOLE	1	43,351	0	0
JERNIGAN CAPITAL INC	REIT	476405105	254	12,069	SH	SOLE	1	12,069	0	0
JETBLUE AIRWAYS CORP	COM	477143101	10,003	611,409	SH	SOLE	1	611,409	0	0
JM SMUCKER CO/THE	COM	832696405	5,757	49,416	SH	SOLE	1	49,416	0	0
JOHN B. SANFILIPPO (PLUS) SON INC	COM	800422107	468	6,513	SH	SOLE	1	6,513	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,176	23,685	SH	SOLE	1	23,685	0	0
JOHNSON (PLUS) JOHNSON	COM	478160104	140,269	1,003,428	SH	SOLE	1	1,003,428	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	13,875	375,610	SH	SOLE	1	375,610	0	0
JOHNSON OUTDOORS INC A	COM	479167108	222	3,109	SH	SOLE	1	3,109	0	0
JONES LANG LASALLE INC	COM	48020Q107	15,407	99,927	SH	SOLE	1	99,927	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	62	10,054	SH	SOLE	1	10,054	0	0
JPMORGAN CHASE (PLUS) CO	COM	46625H100	471,767	4,660,346	SH	SOLE	1	4,660,346	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,451	130,372	SH	SOLE	1	130,372	0	0
K12 INC	COM	48273U102	814	23,843	SH	SOLE	1	23,843	0	0

KADANT INC	COM	48282T104	614	6,975 SH	SOLE	1	6,975	0	0
KADMON HOLDINGS INC	COM	48283N106	168	63,583 SH	SOLE	1	63,583	0	0
KAISER ALUMINUM CORP	COM	483007704	1,275	12,177 SH	SOLE	1	12,177	0	0
KALA PHARMACEUTICALS INC	COM	483119103	84	10,214 SH	SOLE	1	10,214	0	0
KAMAN CORP	COM	483548103	1,221	20,896 SH	SOLE	1	20,896	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,320	37,248 SH	SOLE	1	37,248	0	0
KAR AUCTION SERVICES INC	COM	48238T109	1,850	36,058 SH	SOLE	1	36,058	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	183	31,327 SH	SOLE	1	31,327	0	0
KB HOME	COM	48666K109	5,368	222,108 SH	SOLE	1	222,108	0	0
KBR INC	COM	48242W106	7,039	368,753 SH	SOLE	1	368,753	0	0
KEANE GROUP INC	COM	48669A108	355	32,622 SH	SOLE	1	32,622	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	724	56,283 SH	SOLE	1	56,283	0	0
KELLOGG CO	COM	487836108	6,986	121,751 SH	SOLE	1	121,751	0	0
KELLY SERVICES INC A	COM	488152208	521	23,619 SH	SOLE	1	23,619	0	0
KEMET CORP	COM	488360207	726	42,790 SH	SOLE	1	42,790	0	0
KEMPER CORP	COM	488401100	11,724	153,982 SH	SOLE	1	153,982	0	0
KENNAMETAL INC	COM	489170100	7,885	214,547 SH	SOLE	1	214,547	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,710	79,923 SH	SOLE	1	79,923	0	0
KEURIG DR PEPPER INC	COM	49271V100	117	4,188 SH	SOLE	1	4,188	0	0
KEY ENERGY SERVICES INC	COM	49309J103	26	6,519 SH	SOLE	1	6,519	0	0
KEYCORP	COM	493267108	7,168	455,124 SH	SOLE	1	455,124	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	5,603	64,256 SH	SOLE	1	64,256	0	0
KEYW HOLDING CORP/THE	COM	493723100	268	31,034 SH	SOLE	1	31,034	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	142	8,028 SH	SOLE	1	8,028	0	0
KFORCE INC	COM	493732101	516	14,701 SH	SOLE	1	14,701	0	0
KILROY REALTY CORP	REIT	49427F108	15,295	201,354 SH	SOLE	1	201,354	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	245	15,809 SH	SOLE	1	15,809	0	0
KIMBALL INTERNATIONAL B	COM	494274103	323	22,825 SH	SOLE	1	22,825	0	0
KIMBERLY CLARK CORP	COM	494368103	18,208	146,958 SH	SOLE	1	146,958	0	0
KIMCO REALTY CORP	REIT	49446R109	2,756	148,964 SH	SOLE	1	148,964	0	0
KINDER MORGAN INC	COM	49456B101	17,431	871,092 SH	SOLE	1	871,092	0	0
KINDRED BIOSCIENCES INC	COM	494577109	207	22,619 SH	SOLE	1	22,619	0	0
KINGSTONE COS INC	COM	496719105	87	5,916 SH	SOLE	1	5,916	0	0
KINKSA PHARMACEUTICALS A	COM	G5269C101	137	7,560 SH	SOLE	1	7,560	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	854	12,450 SH	SOLE	1	12,450	0	0
KIRBY CORP	COM	497266106	8,080	107,573 SH	SOLE	1	107,573	0	0
KIRKLAND S INC	COM	497498105	79	11,222 SH	SOLE	1	11,222	0	0
KITE REALTY GROUP TRUST	REIT	49803T300	1,002	62,659 SH	SOLE	1	62,659	0	0

KKR REAL ESTATE FINANCE TRUS	REIT	48251K100	274	13,702	SH	SOLE	1	13,702	0	0
KLA TENCOR CORP	COM	482480100	504,791	4,227,375	SH	SOLE	1	4,227,375	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	389	15,464	SH	SOLE	1	15,464	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	8,908	272,573	SH	SOLE	1	272,573	0	0
KNOLL INC	COM	498904200	584	30,883	SH	SOLE	1	30,883	0	0
KNOWLES CORP	COM	49926D109	1,170	66,360	SH	SOLE	1	66,360	0	0
KODIAK SCIENCES INC	COM	50015M109	40	6,050	SH	SOLE	1	6,050	0	0
KOHL'S CORP	COM	500255104	5,075	73,800	SH	SOLE	1	73,800	0	0
KOPIN CORP	COM	500600101	61	45,588	SH	SOLE	1	45,588	0	0
KOPPERS HOLDINGS INC	COM	50060P106	394	15,180	SH	SOLE	1	15,180	0	0
KORN FERRY	COM	500643200	1,917	42,812	SH	SOLE	1	42,812	0	0
KOSMOS ENERGY LTD	COM	500688106	28	4,427	SH	SOLE	1	4,427	0	0
KRAFT HEINZ CO/THE	COM	500754106	242,555	7,428,938	SH	SOLE	1	7,428,938	0	0
KRATON CORP	COM	50077C106	757	23,533	SH	SOLE	1	23,533	0	0
KRATOS DEFENSE (PLUS) SECURITY	COM	50077B207	878	56,182	SH	SOLE	1	56,182	0	0
KROGER CO	COM	501044101	8,859	360,140	SH	SOLE	1	360,140	0	0
KRONOS WORLDWIDE INC	COM	50105F105	203	14,455	SH	SOLE	1	14,455	0	0
KULICKE (PLUS) SOFFA INDUSTRIES	COM	501242101	172	7,794	SH	SOLE	1	7,794	0	0
KURA ONCOLOGY INC	COM	50127T109	299	18,042	SH	SOLE	1	18,042	0	0
KVH INDUSTRIES INC	COM	482738101	107	10,456	SH	SOLE	1	10,456	0	0
L BRANDS INC	COM	501797104	322,144	11,680,345	SH	SOLE	1	11,680,345	0	0
L3 TECHNOLOGIES INC	COM	502413107	5,681	27,527	SH	SOLE	1	27,527	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	88	13,674	SH	SOLE	1	13,674	0	0
LA Z BOY INC	COM	505336107	1,164	35,275	SH	SOLE	1	35,275	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,353	54,600	SH	SOLE	1	54,600	0	0
LADDER CAPITAL CORP REIT	REIT	505743104	1,002	58,858	SH	SOLE	1	58,858	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	184	64,917	SH	SOLE	1	64,917	0	0
LAKELAND BANCORP INC	COM	511637100	429	28,704	SH	SOLE	1	28,704	0	0
LAKELAND FINANCIAL CORP	COM	511656100	704	15,563	SH	SOLE	1	15,563	0	0
LAM RESEARCH CORP	COM	512807108	487,396	2,722,733	SH	SOLE	1	2,722,733	0	0
LAMAR ADVERTISING CO A	REIT	512816109	16,479	207,907	SH	SOLE	1	207,907	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,758	50,145	SH	SOLE	1	50,145	0	0
LANCASTER COLONY CORP	COM	513847103	7,939	50,664	SH	SOLE	1	50,664	0	0
LANDEC CORP	COM	514766104	191	15,588	SH	SOLE	1	15,588	0	0
LANDS END INC	COM	51509F105	111	6,698	SH	SOLE	1	6,698	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,781	80,268	SH	SOLE	1	80,268	0	0
LANNETT CO INC	COM	516012101	181	23,000	SH	SOLE	1	23,000	0	0
LANTHEUS HOLDINGS INC	COM	516544103	691	28,229	SH	SOLE	1	28,229	0	0
LAREDO PETROLEUM INC	COM	516806106	362	117,129	SH	SOLE	1	117,129	0	0

LAS VEGAS SANDS CORP	COM	517834107	400,613	6,571,740	SH	SOLE	1	6,571,740	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	891	74,677	SH	SOLE	1	74,677	0	0
LAUREATE EDUCATION INC A	COM	518613203	1,790	119,552	SH	SOLE	1	119,552	0	0
LAWSON PRODUCTS INC	COM	520776105	134	4,262	SH	SOLE	1	4,262	0	0
LAZARD LTD CL A	COM	G54050102	942	26,063	SH	SOLE	1	26,063	0	0
LCI INDUSTRIES	COM	50189K103	1,422	18,517	SH	SOLE	1	18,517	0	0
LCNB CORPORATION	COM	50181P100	98	5,735	SH	SOLE	1	5,735	0	0
LEAF GROUP LTD	COM	52177G102	85	10,657	SH	SOLE	1	10,657	0	0
LEAR CORP	COM	521865204	1,444	10,638	SH	SOLE	1	10,638	0	0
LEGACY HOUSING CORP	COM	52472M101	35	2,961	SH	SOLE	1	2,961	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,333	35,664	SH	SOLE	1	35,664	0	0
LEGG MASON INC	COM	524901105	7,652	279,579	SH	SOLE	1	279,579	0	0
LEGGETT (PLUS) PLATT INC	COM	524660107	1,960	46,416	SH	SOLE	1	46,416	0	0
LEIDOS HOLDINGS INC	COM	525327102	18,681	291,477	SH	SOLE	1	291,477	0	0
LEMAITRE VASCULAR INC	COM	525558201	374	12,054	SH	SOLE	1	12,054	0	0
LENDINGCLUB CORP	COM	52603A109	1,475	477,295	SH	SOLE	1	477,295	0	0
LENDINGTREE INC	COM	52603B107	6,958	19,792	SH	SOLE	1	19,792	0	0
LENNAR CORP B SHS	COM	526057302	13	322	SH	SOLE	1	322	0	0
LENNAR CORP A	COM	526057104	5,851	119,191	SH	SOLE	1	119,191	0	0
LENNOX INTERNATIONAL INC	COM	526107107	18,977	71,772	SH	SOLE	1	71,772	0	0
LEVEL ONE BANCORP INC	COM	52730D208	77	3,292	SH	SOLE	1	3,292	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	153	27,556	SH	SOLE	1	27,556	0	0
LXINGTON REALTY TRUST	REIT	529043101	1,449	159,959	SH	SOLE	1	159,959	0	0
LGI HOMES INC	COM	50187T106	843	13,992	SH	SOLE	1	13,992	0	0
LHC GROUP INC	COM	50187A107	2,466	22,244	SH	SOLE	1	22,244	0	0
LIBERTY BROADBAND A	COM	530307107	41	446	SH	SOLE	1	446	0	0
LIBERTY BROADBAND C	COM	530307305	167	1,823	SH	SOLE	1	1,823	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	1,487	34,747	SH	SOLE	1	34,747	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	943	38,967	SH	SOLE	1	38,967	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	459	18,432	SH	SOLE	1	18,432	0	0
LIBERTY LATIN AMERIC CL A	COM	G9001E102	536	27,713	SH	SOLE	1	27,713	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,411	72,521	SH	SOLE	1	72,521	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	56	1,477	SH	SOLE	1	1,477	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	336	8,784	SH	SOLE	1	8,784	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	177	6,341	SH	SOLE	1	6,341	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	631	22,734	SH	SOLE	1	22,734	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	15	435	SH	SOLE	1	435	0	0

LIBERTY MEDIA CORP LIBERTY C	COM	531229854	121	3,457 SH	SOLE	1	3,457	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	435	28,247 SH	SOLE	1	28,247	0	0
LIBERTY PROPERTY TRUST	REIT	531172104	14,289	295,097 SH	SOLE	1	295,097	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	657	46,320 SH	SOLE	1	46,320	0	0
LIFE STORAGE INC	REIT	53223X107	9,048	93,015 SH	SOLE	1	93,015	0	0
LIFETIME BRANDS INC	COM	53222Q103	71	7,509 SH	SOLE	1	7,509	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	6,758	53,762 SH	SOLE	1	53,762	0	0
LILIS ENERGY INC	COM	532403201	33	28,363 SH	SOLE	1	28,363	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	228	70,676 SH	SOLE	1	70,676	0	0
LIMONEIRA CO	COM	532746104	223	9,483 SH	SOLE	1	9,483	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,609	126,495 SH	SOLE	1	126,495	0	0
LINCOLN NATIONAL CORP	COM	534187109	4,807	81,899 SH	SOLE	1	81,899	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	207	13,588 SH	SOLE	1	13,588	0	0
LINDE PLC	COM	G5494J103	34,682	197,134 SH	SOLE	1	197,134	0	0
LINDSAY CORP	COM	535555106	785	8,115 SH	SOLE	1	8,115	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	14	884 SH	SOLE	1	884	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	26	1,725 SH	SOLE	1	1,725	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	52	4,538 SH	SOLE	1	4,538	0	0
LIQUIDITY SERVICES INC	COM	53635B107	157	20,406 SH	SOLE	1	20,406	0	0
LITHIA MOTORS INC CL A	COM	536797103	1,560	16,816 SH	SOLE	1	16,816	0	0
LITTELFUSE INC	COM	537008104	9,012	49,385 SH	SOLE	1	49,385	0	0
LIVANOVA PLC	COM	G5509L101	12,381	127,311 SH	SOLE	1	127,311	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	17,578	276,650 SH	SOLE	1	276,650	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	237	16,232 SH	SOLE	1	16,232	0	0
LIVENT CORP W/I	COM	53814L108	1,921	156,447 SH	SOLE	1	156,447	0	0
LIVEPERSON INC	COM	538146101	1,292	44,511 SH	SOLE	1	44,511	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	9,719	178,110 SH	SOLE	1	178,110	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	101	18,781 SH	SOLE	1	18,781	0	0
LKQ CORP	COM	501889208	3,973	139,976 SH	SOLE	1	139,976	0	0
LOCKHEED MARTIN CORP	COM	539830109	37,543	125,078 SH	SOLE	1	125,078	0	0
LOEWS CORP	COM	540424108	5,831	121,666 SH	SOLE	1	121,666	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	49	4,997 SH	SOLE	1	4,997	0	0
LOGMEIN INC	COM	54142L109	8,138	101,593 SH	SOLE	1	101,593	0	0
LORAL SPACE (PLUS) COMMUNICATIONS	COM	543881106	295	8,190 SH	SOLE	1	8,190	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,735	358,274 SH	SOLE	1	358,274	0	0
LOVESAC CO/THE	COM	54738L109	101	3,628 SH	SOLE	1	3,628	0	0
LOWE S COS INC	COM	548661107	33,493	305,954 SH	SOLE	1	305,954	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	140	2,008 SH	SOLE	1	2,008	0	0



LSB INDUSTRIES INC	COM	502160104	101	16,174	SH	SOLE	1	16,174	0	0
LSC COMMUNICATIONS INC	COM	50218P107	162	24,834	SH	SOLE	1	24,834	0	0
LTC PROPERTIES INC	REIT	502175102	1,364	29,775	SH	SOLE	1	29,775	0	0
LULULEMON ATHLETICA INC	COM	550021109	1,574	9,607	SH	SOLE	1	9,607	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	217	21,523	SH	SOLE	1	21,523	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	11,250	198,974	SH	SOLE	1	198,974	0	0
LUMINEX CORP	COM	55027E102	721	31,339	SH	SOLE	1	31,339	0	0
LUTHER BURBANK CORP	COM	550550107	131	12,997	SH	SOLE	1	12,997	0	0
LYDALL INC	COM	550819106	302	12,858	SH	SOLE	1	12,858	0	0
LYONDELLBASELL INDUSTRIAL A	COM	N53745100	341,005	4,055,716	SH	SOLE	1	4,055,716	0	0
M (PLUS) T BANK CORP	COM	55261F104	10,360	65,977	SH	SOLE	1	65,977	0	0
M/I HOMES INC	COM	55305B101	546	20,507	SH	SOLE	1	20,507	0	0
MACATAWA BANK CORP	COM	554225102	165	16,594	SH	SOLE	1	16,594	0	0
MACERICH CO/THE	REIT	554382101	1,740	40,144	SH	SOLE	1	40,144	0	0
MACK CALI REALTY CORP	REIT	554489104	5,246	236,287	SH	SOLE	1	236,287	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	488	29,205	SH	SOLE	1	29,205	0	0
MACQUARIE INFRASTRUCTURE CORP	COM	55608B105	57	1,392	SH	SOLE	1	1,392	0	0
MACROGENICS INC	COM	556099109	449	24,998	SH	SOLE	1	24,998	0	0
MACY S INC	COM	55616P104	275,863	11,479,945	SH	SOLE	1	11,479,945	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	98	334	SH	SOLE	1	334	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	554	4,424	SH	SOLE	1	4,424	0	0
MAGELLAN HEALTH INC	COM	559079207	1,205	18,280	SH	SOLE	1	18,280	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	151	9,189	SH	SOLE	1	9,189	0	0
MAIDEN HOLDINGS LTD	COM	G5753U112	32	43,455	SH	SOLE	1	43,455	0	0
MAJESCO	COM	56068V102	29	4,171	SH	SOLE	1	4,171	0	0
MALIBU BOATS INC A	COM	56117J100	524	13,247	SH	SOLE	1	13,247	0	0
MALLINCKRODT PLC	COM	G5785G107	4,730	217,589	SH	SOLE	1	217,589	0	0
MALVERN BANCORP INC	COM	561409103	97	4,817	SH	SOLE	1	4,817	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	133	7,974	SH	SOLE	1	7,974	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	7,170	130,095	SH	SOLE	1	130,095	0	0
MANITEX INTERNATIONAL INC	COM	563420108	71	9,269	SH	SOLE	1	9,269	0	0
MANITOWOC COMPANY INC	COM	563571405	370	22,533	SH	SOLE	1	22,533	0	0
MANNKIND CORP	COM	56400P706	205	104,190	SH	SOLE	1	104,190	0	0
MANPOWERGROUP INC	COM	56418H100	11,818	142,915	SH	SOLE	1	142,915	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,081	20,010	SH	SOLE	1	20,010	0	0
MARATHON OIL CORP	COM	565849106	6,511	389,620	SH	SOLE	1	389,620	0	0
MARATHON PETROLEUM CORP	COM	56585A102	14,447	241,395	SH	SOLE	1	241,395	0	0

MARCUS (PLUS) MILLICHAP INC	COM	566324109	608	14,928	SH	SOLE	1	14,928	0	0
MARCUS CORPORATION	COM	566330106	613	15,304	SH	SOLE	1	15,304	0	0
MARINE PRODUCTS CORP	COM	568427108	65	4,795	SH	SOLE	1	4,795	0	0
MARINEMAX INC	COM	567908108	321	16,742	SH	SOLE	1	16,742	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	126	30,094	SH	SOLE	1	30,094	0	0
MARKEL CORP	COM	570535104	691	694	SH	SOLE	1	694	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	18,545	75,361	SH	SOLE	1	75,361	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	119	5,532	SH	SOLE	1	5,532	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	14,291	114,248	SH	SOLE	1	114,248	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	9,592	102,584	SH	SOLE	1	102,584	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	53	34,788	SH	SOLE	1	34,788	0	0
MARSH (PLUS) MCLENNAN COS	COM	571748102	18,849	200,730	SH	SOLE	1	200,730	0	0
MARTEN TRANSPORT LTD	COM	573075108	526	29,501	SH	SOLE	1	29,501	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,545	27,561	SH	SOLE	1	27,561	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	210	10,580	SH	SOLE	1	10,580	0	0
MASCO CORP	COM	574599106	4,321	109,929	SH	SOLE	1	109,929	0	0
MASIMO CORP	COM	574795100	13,523	97,793	SH	SOLE	1	97,793	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	838	16,792	SH	SOLE	1	16,792	0	0
MASTEC INC	COM	576323109	7,802	162,201	SH	SOLE	1	162,201	0	0
MASTERCARD INC A	COM	57636Q104	82,574	350,708	SH	SOLE	1	350,708	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	265	11,758	SH	SOLE	1	11,758	0	0
MATADOR RESOURCES CO	COM	576485205	5,258	272,014	SH	SOLE	1	272,014	0	0
MATCH GROUP INC	COM	57665R106	68	1,206	SH	SOLE	1	1,206	0	0
MATERION CORP	COM	576690101	868	15,216	SH	SOLE	1	15,216	0	0
MATRIX SERVICE CO	COM	576853105	392	20,038	SH	SOLE	1	20,038	0	0
MATSON INC	COM	57686G105	1,157	32,069	SH	SOLE	1	32,069	0	0
MATTEL INC	COM	577081102	1,732	133,242	SH	SOLE	1	133,242	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	874	23,657	SH	SOLE	1	23,657	0	0
MAUI LAND (PLUS) PINEAPPLE CO	COM	577345101	49	4,325	SH	SOLE	1	4,325	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	145	36,130	SH	SOLE	1	36,130	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	386,149	7,262,544	SH	SOLE	1	7,262,544	0	0
MAXIMUS INC	COM	577933104	11,845	166,877	SH	SOLE	1	166,877	0	0
MAXLINEAR INC	COM	57776J100	1,221	47,827	SH	SOLE	1	47,827	0	0
MAXWELL TECHNOLOGIES INC	COM	577767106	117	26,120	SH	SOLE	1	26,120	0	0
MBIA INC	COM	55262C100	537	56,450	SH	SOLE	1	56,450	0	0
MBT FINANCIAL CORP	COM	578877102	118	11,775	SH	SOLE	1	11,775	0	0
MCCORMICK (PLUS) CO NON VTG SHRS	COM	579780206	7,620	50,589	SH	SOLE	1	50,589	0	0

MCDERMOTT INTL INC	COM	580037703	3,511	471,886	SH	SOLE	1	471,886	0	0
MCDONALD S CORP	COM	580135101	487,717	2,568,285	SH	SOLE	1	2,568,285	0	0
MCGRATH RENTCORP	COM	580589109	870	15,376	SH	SOLE	1	15,376	0	0
MCKESSON CORP	COM	58155Q103	9,037	77,200	SH	SOLE	1	77,200	0	0
MDC HOLDINGS INC	COM	552676108	1,076	37,011	SH	SOLE	1	37,011	0	0
MDC PARTNERS INC A	COM	552697104	80	35,621	SH	SOLE	1	35,621	0	0
MDU RESOURCES GROUP INC	COM	552690109	10,102	391,085	SH	SOLE	1	391,085	0	0
MEDEQUITIES REALTY TRUST INC	REIT	58409L306	203	18,250	SH	SOLE	1	18,250	0	0
MEDICAL PROPERTIES TRUST INC	REIT	58463J304	14,063	759,773	SH	SOLE	1	759,773	0	0
MEDICINES COMPANY	COM	584688105	1,444	51,646	SH	SOLE	1	51,646	0	0
MEDICINOVA INC	COM	58468P206	210	25,419	SH	SOLE	1	25,419	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	11,715	159,951	SH	SOLE	1	159,951	0	0
MEDIFAST INC	COM	58470H101	1,129	8,854	SH	SOLE	1	8,854	0	0
MEDNAX INC	COM	58502B106	4,765	175,366	SH	SOLE	1	175,366	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	998	16,929	SH	SOLE	1	16,929	0	0
MEDTRONIC PLC	COM	G5960L103	44,184	485,113	SH	SOLE	1	485,113	0	0
MEET GROUP INC/THE	COM	58513U101	228	45,320	SH	SOLE	1	45,320	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	132	7,667	SH	SOLE	1	7,667	0	0
MELCO RESORTS (PLUS) ENTERT ADR	ADR	585464100	622	27,531	SH	SOLE	1	27,531	0	0
MELINTA THERAPEUTICS INC	COM	58549G209	16	4,429	SH	SOLE	1	4,429	0	0
MENLO THERAPEUTICS INC	COM	586858102	49	6,205	SH	SOLE	1	6,205	0	0
MERCADOLIBRE INC	COM	58733R102	1,684	3,316	SH	SOLE	1	3,316	0	0
MERCANTILE BANK CORP	COM	587376104	339	10,350	SH	SOLE	1	10,350	0	0
MERCER INTERNATIONAL INC	COM	588056101	69	5,071	SH	SOLE	1	5,071	0	0
MERCHANTS BANCORP/IN	COM	58844R108	221	10,276	SH	SOLE	1	10,276	0	0
MERCK (PLUS) CO. INC.	COM	58933Y105	96,076	1,155,181	SH	SOLE	1	1,155,181	0	0
MERCURY GENERAL CORP	COM	589400100	2,708	54,091	SH	SOLE	1	54,091	0	0
MERCURY SYSTEMS INC	COM	589378108	2,287	35,682	SH	SOLE	1	35,682	0	0
MEREDITH CORP	COM	589433101	5,758	104,196	SH	SOLE	1	104,196	0	0
MERIDIAN BANCORP INC	COM	58958U103	481	30,657	SH	SOLE	1	30,657	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	555	31,504	SH	SOLE	1	31,504	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,502	40,466	SH	SOLE	1	40,466	0	0
MERITAGE HOMES CORP	COM	59001A102	1,276	28,529	SH	SOLE	1	28,529	0	0
MERITOR INC	COM	59001K100	1,037	50,976	SH	SOLE	1	50,976	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	42	8,030	SH	SOLE	1	8,030	0	0
MESA AIR GROUP INC	COM	590479135	61	7,368	SH	SOLE	1	7,368	0	0
MESA LABORATORIES INC	COM	59064R109	494	2,145	SH	SOLE	1	2,145	0	0

META FINANCIAL GROUP INC	COM	59100U108	415	21,064	SH	SOLE	1	21,064	0	0
METHODE ELECTRONICS INC	COM	591520200	787	27,344	SH	SOLE	1	27,344	0	0
METLIFE INC	COM	59156R108	13,717	322,219	SH	SOLE	1	322,219	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	145	4,157	SH	SOLE	1	4,157	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,268	10,052	SH	SOLE	1	10,052	0	0
MFA FINANCIAL INC	REIT	55272X102	57	7,827	SH	SOLE	1	7,827	0	0
MGE ENERGY INC	COM	55277P104	1,514	22,270	SH	SOLE	1	22,270	0	0
MGIC INVESTMENT CORP	COM	552848103	4,902	371,671	SH	SOLE	1	371,671	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	4,635	180,616	SH	SOLE	1	180,616	0	0
MGP INGREDIENTS INC	COM	55303J106	766	9,934	SH	SOLE	1	9,934	0	0
MICHAELS COS INC/THE	COM	59408Q106	2,052	179,717	SH	SOLE	1	179,717	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	8,258	99,545	SH	SOLE	1	99,545	0	0
MICRON TECHNOLOGY INC	COM	595112103	21,037	509,000	SH	SOLE	1	509,000	0	0
MICROSOFT CORP	COM	594918104	387,031	3,281,596	SH	SOLE	1	3,281,596	0	0
MICROSTRATEGY INC CL A	COM	594972408	934	6,473	SH	SOLE	1	6,473	0	0
MID AMERICA APARTMENT COMM	REIT	59522J103	4,513	41,275	SH	SOLE	1	41,275	0	0
MID PENN BANCORP INC	COM	59540G107	73	2,999	SH	SOLE	1	2,999	0	0
MIDDLEBY CORP	COM	596278101	149	1,146	SH	SOLE	1	1,146	0	0
MIDDLEFIELD BANC CORP	COM	596304204	80	1,940	SH	SOLE	1	1,940	0	0
MIDDLESEX WATER CO	COM	596680108	569	10,155	SH	SOLE	1	10,155	0	0
MIDLAND STATES BANCORP INC	COM	597742105	324	13,453	SH	SOLE	1	13,453	0	0
MIDSOUTH BANCORP INC	COM	598039105	109	9,539	SH	SOLE	1	9,539	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	640	65,466	SH	SOLE	1	65,466	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	194	7,115	SH	SOLE	1	7,115	0	0
MILACRON HOLDINGS CORP	COM	59870L106	501	44,229	SH	SOLE	1	44,229	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	217	7,039	SH	SOLE	1	7,039	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	5,422	92,223	SH	SOLE	1	92,223	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	153	19,519	SH	SOLE	1	19,519	0	0
MIRAGEN THERAPEUTICS INC	COM	60463E103	46	16,576	SH	SOLE	1	16,576	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,002	13,664	SH	SOLE	1	13,664	0	0
MISTRAS GROUP INC	COM	60649T107	154	11,165	SH	SOLE	1	11,165	0	0
MITEK SYSTEMS INC	COM	606710200	262	21,385	SH	SOLE	1	21,385	0	0
MKS INSTRUMENTS INC	COM	55306N104	10,088	108,416	SH	SOLE	1	108,416	0	0
MOBILE MINI INC	COM	60740F105	1,141	33,607	SH	SOLE	1	33,607	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	63	8,395	SH	SOLE	1	8,395	0	0
MOBILEIRON INC	COM	60739U204	260	47,467	SH	SOLE	1	47,467	0	0

MODEL N INC	COM	607525102	289	16,457 SH	SOLE	1	16,457	0	0
MODINE MANUFACTURING CO	COM	607828100	438	31,594 SH	SOLE	1	31,594	0	0
MOELIS (PLUS) CO CLASS A	COM	60786M105	1,184	28,444 SH	SOLE	1	28,444	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,747	21,778 SH	SOLE	1	21,778	0	0
MOLECULAR TEMPLATES INC	COM	608550109	45	7,770 SH	SOLE	1	7,770	0	0
MOLINA HEALTHCARE INC	COM	60855R100	18,339	129,187 SH	SOLE	1	129,187	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,949	66,208 SH	SOLE	1	66,208	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,071	73,710 SH	SOLE	1	73,710	0	0
MOMO INC SPON ADR	ADR	60879B107	68	1,780 SH	SOLE	1	1,780	0	0
MONARCH CASINO (PLUS) RESORT INC	COM	609027107	378	8,605 SH	SOLE	1	8,605	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,638	573,678 SH	SOLE	1	573,678	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	40	19,690 SH	SOLE	1	19,690	0	0
MONMOUTH REAL ESTATE INV COR	REIT	609720107	750	56,881 SH	SOLE	1	56,881	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	10,705	79,010 SH	SOLE	1	79,010	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	614	30,872 SH	SOLE	1	30,872	0	0
MONRO INC	COM	610236101	2,095	24,209 SH	SOLE	1	24,209	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,440	191,287 SH	SOLE	1	191,287	0	0
MONTAGE RESOURCES CORP	COM	61179L100	56	3,741 SH	SOLE	1	3,741	0	0
MOODY S CORP	COM	615369105	12,191	67,320 SH	SOLE	1	67,320	0	0
MOOG INC CLASS A	COM	615394202	2,112	24,294 SH	SOLE	1	24,294	0	0
MORGAN STANLEY	COM	617446448	18,447	437,139 SH	SOLE	1	437,139	0	0
MORNINGSTAR INC	COM	617700109	53	424 SH	SOLE	1	424	0	0
MOSAIC CO/THE	COM	61945C103	3,987	145,978 SH	SOLE	1	145,978	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	268	14,184 SH	SOLE	1	14,184	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	8,548	60,871 SH	SOLE	1	60,871	0	0
MOVADO GROUP INC	COM	624580106	436	11,978 SH	SOLE	1	11,978	0	0
MR COOPER GROUP INC	COM	62482R107	455	47,451 SH	SOLE	1	47,451	0	0
MRC GLOBAL INC	COM	55345K103	937	53,605 SH	SOLE	1	53,605	0	0
MSA SAFETY INC	COM	553498106	9,416	91,068 SH	SOLE	1	91,068	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	8,612	104,126 SH	SOLE	1	104,126	0	0
MSCI INC	COM	55354G100	6,874	34,568 SH	SOLE	1	34,568	0	0
MSG NETWORKS INC A	COM	553573106	821	37,743 SH	SOLE	1	37,743	0	0
MTS SYSTEMS CORP	COM	553777103	736	13,506 SH	SOLE	1	13,506	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,342	42,832 SH	SOLE	1	42,832	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	991	98,665 SH	SOLE	1	98,665	0	0
MULTI COLOR CORP	COM	625383104	523	10,491 SH	SOLE	1	10,491	0	0

MURPHY OIL CORP	COM	626717102	9,508	324,489 SH	SOLE	1	324,489	0	0
MURPHY USA INC	COM	626755102	6,722	78,507 SH	SOLE	1	78,507	0	0
MUSTANG BIO INC	COM	62818Q104	35	10,294 SH	SOLE	1	10,294	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	112	3,727 SH	SOLE	1	3,727	0	0
MVB FINANCIAL CORP	COM	553810102	83	5,461 SH	SOLE	1	5,461	0	0
MYERS INDUSTRIES INC	COM	628464109	455	26,618 SH	SOLE	1	26,618	0	0
MYLAN NV	COM	N59465109	6,062	213,903 SH	SOLE	1	213,903	0	0
MYOKARDIA INC	COM	62857M105	1,128	21,695 SH	SOLE	1	21,695	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	423	12,217 SH	SOLE	1	12,217	0	0
MYRIAD GENETICS INC	COM	62855J104	1,743	52,486 SH	SOLE	1	52,486	0	0
N B T BANCORP INC	COM	628778102	1,164	32,335 SH	SOLE	1	32,335	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	153	44,454 SH	SOLE	1	44,454	0	0
NACCO INDUSTRIES CL A	COM	629579103	92	2,404 SH	SOLE	1	2,404	0	0
NANOMETRICS INC	COM	630077105	538	17,416 SH	SOLE	1	17,416	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	397	16,601 SH	SOLE	1	16,601	0	0
NANTHEALTH INC	COM	630104107	12	13,037 SH	SOLE	1	13,037	0	0
NANTKWEST INC	COM	63016Q102	28	17,983 SH	SOLE	1	17,983	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	155	7,461 SH	SOLE	1	7,461	0	0
NASDAQ INC	COM	631103108	6,858	78,384 SH	SOLE	1	78,384	0	0
NATERA INC	COM	632307104	439	21,295 SH	SOLE	1	21,295	0	0
NATHAN S FAMOUS INC	COM	632347100	124	1,820 SH	SOLE	1	1,820	0	0
NATIONAL BANK HOLD CL A	COM	633707104	712	21,393 SH	SOLE	1	21,393	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	185	4,311 SH	SOLE	1	4,311	0	0
NATIONAL BEVERAGE CORP	COM	635017106	433	7,504 SH	SOLE	1	7,504	0	0
NATIONAL CINEMEDIA INC	COM	635309107	347	49,203 SH	SOLE	1	49,203	0	0
NATIONAL COMMERCE CORP	COM	63546L102	446	11,371 SH	SOLE	1	11,371	0	0
NATIONAL FUEL GAS CO	COM	636180101	10,485	172,001 SH	SOLE	1	172,001	0	0
NATIONAL GENERAL HLDGS	COM	636220303	978	41,225 SH	SOLE	1	41,225	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	587	7,737 SH	SOLE	1	7,737	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,967	224,690 SH	SOLE	1	224,690	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	4,459	167,367 SH	SOLE	1	167,367	0	0
NATIONAL PRESTO INDS INC	COM	637215104	408	3,758 SH	SOLE	1	3,758	0	0
NATIONAL RESEARCH CORP	COM	637372202	272	7,035 SH	SOLE	1	7,035	0	0
NATIONAL RETAIL PROPERTIES	REIT	637417106	17,853	322,322 SH	SOLE	1	322,322	0	0
NATIONAL STORAGE AFFILIATES	REIT	637870106	1,220	42,793 SH	SOLE	1	42,793	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,260	40,078 SH	SOLE	1	40,078	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	382	1,455 SH	SOLE	1	1,455	0	0

NATL HEALTH INVESTORS INC	REIT	63633D104	2,049	26,083	SH	SOLE	1	26,083	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	138	7,959	SH	SOLE	1	7,959	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	69	5,755	SH	SOLE	1	5,755	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	61	4,697	SH	SOLE	1	4,697	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	51	5,436	SH	SOLE	1	5,436	0	0
NATUS MEDICAL INC	COM	639050103	630	24,831	SH	SOLE	1	24,831	0	0
NAUTILUS INC	COM	63910B102	123	22,152	SH	SOLE	1	22,152	0	0
NAVIENT CORP	COM	63938C108	5,031	434,811	SH	SOLE	1	434,811	0	0
NAVIGANT CONSULTING INC	COM	63935N107	618	31,736	SH	SOLE	1	31,736	0	0
NAVIGATORS GROUP INC	COM	638904102	1,114	15,951	SH	SOLE	1	15,951	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,014	31,383	SH	SOLE	1	31,383	0	0
NCI BUILDING SYSTEMS INC	COM	628852204	167	27,184	SH	SOLE	1	27,184	0	0
NCR CORPORATION	COM	62886E108	6,489	237,792	SH	SOLE	1	237,792	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	32	6,236	SH	SOLE	1	6,236	0	0
NEENAH INC	COM	640079109	812	12,624	SH	SOLE	1	12,624	0	0
NEKTAR THERAPEUTICS	COM	640268108	2,397	71,341	SH	SOLE	1	71,341	0	0
NELNET INC CL A	COM	64031N108	654	11,867	SH	SOLE	1	11,867	0	0
NEOGEN CORP	COM	640491106	2,193	38,208	SH	SOLE	1	38,208	0	0
NEOGENOMICS INC	COM	64049M209	1,299	63,472	SH	SOLE	1	63,472	0	0
NEON THERAPEUTICS INC	COM	64050Y100	60	9,323	SH	SOLE	1	9,323	0	0
NEOPHOTONICS CORP	COM	64051T100	143	22,781	SH	SOLE	1	22,781	0	0
NEOS THERAPEUTICS INC	COM	64052L106	79	30,250	SH	SOLE	1	30,250	0	0
NETAPP INC	COM	64110D104	7,724	111,393	SH	SOLE	1	111,393	0	0
NETEASE INC ADR	ADR	64110W102	1,405	5,819	SH	SOLE	1	5,819	0	0
NETFLIX INC	COM	64110L106	68,273	191,478	SH	SOLE	1	191,478	0	0
NETGEAR INC	COM	64111Q104	783	23,640	SH	SOLE	1	23,640	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	5,230	186,333	SH	SOLE	1	186,333	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	183	2,080	SH	SOLE	1	2,080	0	0
NEURONETICS INC	COM	64131A105	124	8,131	SH	SOLE	1	8,131	0	0
NEVRO CORP	COM	64157F103	1,160	18,563	SH	SOLE	1	18,563	0	0
NEW HOME CO INC/THE	COM	645370107	38	8,033	SH	SOLE	1	8,033	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	11,509	231,150	SH	SOLE	1	231,150	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	467	44,452	SH	SOLE	1	44,452	0	0
NEW ORIENTAL EDUCATIO SP ADR	ADR	647581107	207	2,301	SH	SOLE	1	2,301	0	0
NEW RELIC INC	COM	64829B100	2,840	28,770	SH	SOLE	1	28,770	0	0
NEW RESIDENTIAL INVESTMENT	REIT	64828T201	108	6,393	SH	SOLE	1	6,393	0	0
NEW SENIOR INVESTMENT GROUP	REIT	648691103	259	47,603	SH	SOLE	1	47,603	0	0

NEW YORK COMMUNITY BANCORP	COM	649445103	10,787	932,294	SH	SOLE	1	932,294	0	0
NEW YORK MORTGAGE TRUST INC	REIT	649604501	794	130,396	SH	SOLE	1	130,396	0	0
NEW YORK TIMES CO A	COM	650111107	11,975	364,536	SH	SOLE	1	364,536	0	0
NEWELL BRANDS INC	COM	651229106	2,304	150,195	SH	SOLE	1	150,195	0	0
NEWLINK GENETICS CORP	COM	651511107	36	18,562	SH	SOLE	1	18,562	0	0
NEWMARK GROUP INC W/I	COM	65158N102	795	95,279	SH	SOLE	1	95,279	0	0
NEWMARKET CORP	COM	651587107	7,554	17,423	SH	SOLE	1	17,423	0	0
NEWMONT GOLDCORP CORP	COM	651639106	6,750	188,699	SH	SOLE	1	188,699	0	0
NEWPARK RESOURCES INC	COM	651718504	618	67,493	SH	SOLE	1	67,493	0	0
NEWS CORP CLASS A	COM	65249B109	1,697	136,394	SH	SOLE	1	136,394	0	0
NEWS CORP CLASS B	COM	65249B208	547	43,785	SH	SOLE	1	43,785	0	0
NEXPOINT RESIDENTIAL	REIT	65341D102	457	11,921	SH	SOLE	1	11,921	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	3,095	28,561	SH	SOLE	1	28,561	0	0
NEXTDECADE CORP	COM	65342K105	28	4,990	SH	SOLE	1	4,990	0	0
NEXTERA ENERGY INC	COM	65339F101	30,023	155,300	SH	SOLE	1	155,300	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	674	40,048	SH	SOLE	1	40,048	0	0
NI HOLDINGS INC	COM	65342T106	99	6,192	SH	SOLE	1	6,192	0	0
NIC INC	COM	62914B100	836	48,901	SH	SOLE	1	48,901	0	0
NICOLET BANKSHARES INC	COM	65406E102	299	5,015	SH	SOLE	1	5,015	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	16,205	684,616	SH	SOLE	1	684,616	0	0
NII HOLDINGS INC	COM	62913F508	111	56,639	SH	SOLE	1	56,639	0	0
NIKE INC CL B	COM	654106103	35,041	416,118	SH	SOLE	1	416,118	0	0
NINE ENERGY SERVICE INC	COM	65441V101	215	9,472	SH	SOLE	1	9,472	0	0
NISOURCE INC	COM	65473P105	4,793	167,236	SH	SOLE	1	167,236	0	0
NL INDUSTRIES	COM	629156407	21	5,325	SH	SOLE	1	5,325	0	0
NLIGHT INC	COM	65487K100	323	14,492	SH	SOLE	1	14,492	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,241	47,961	SH	SOLE	1	47,961	0	0
NN INC	COM	629337106	201	26,858	SH	SOLE	1	26,858	0	0
NOBLE CORP PLC	COM	G65431101	536	186,653	SH	SOLE	1	186,653	0	0
NOBLE ENERGY INC	COM	655044105	5,384	217,692	SH	SOLE	1	217,692	0	0
NOODLES (PLUS) CO	COM	65540B105	61	8,934	SH	SOLE	1	8,934	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	181	89,457	SH	SOLE	1	89,457	0	0
NORDSON CORP	COM	655663102	13,694	103,332	SH	SOLE	1	103,332	0	0
NORDSTROM INC	COM	655664100	2,716	61,195	SH	SOLE	1	61,195	0	0
NORFOLK SOUTHERN CORP	COM	655844108	18,631	99,687	SH	SOLE	1	99,687	0	0
NORTHEAST BANCORP	COM	663904209	100	4,826	SH	SOLE	1	4,826	0	0
NORTHERN OIL AND GAS INC	COM	665531109	340	124,023	SH	SOLE	1	124,023	0	0
NORTHERN TRUST CORP	COM	665859104	8,457	93,540	SH	SOLE	1	93,540	0	0
NORTHFIELD BANCORP INC	COM	66611T108	466	33,557	SH	SOLE	1	33,557	0	0



NORTHRIM BANCORP INC	COM	666762109	149	4,330 SH	SOLE	1	4,330	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,403	57,133 SH	SOLE	1	57,133	0	0
NORTHSTAR REALTY EUROPE CORP	REIT	66706L101	597	34,367 SH	SOLE	1	34,367	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,243	73,244 SH	SOLE	1	73,244	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,422	21,660 SH	SOLE	1	21,660	0	0
NORTHWEST PIPE CO	COM	667746101	146	6,091 SH	SOLE	1	6,091	0	0
NORTHWESTERN CORP	COM	668074305	9,279	131,783 SH	SOLE	1	131,783	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	4,239	77,132 SH	SOLE	1	77,132	0	0
NORWOOD FINANCIAL CORP	COM	669549107	113	3,667 SH	SOLE	1	3,667	0	0
NOVANTA INC	COM	67000B104	1,770	20,887 SH	SOLE	1	20,887	0	0
NOVAVAX INC	COM	670002104	134	243,095 SH	SOLE	1	243,095	0	0
NOVOCURE LTD	COM	G6674U108	2,261	46,930 SH	SOLE	1	46,930	0	0
NOW INC	COM	67011P100	3,953	283,200 SH	SOLE	1	283,200	0	0
NRG ENERGY INC	COM	629377508	5,814	136,868 SH	SOLE	1	136,868	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	5,289	110,513 SH	SOLE	1	110,513	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	85	5,033 SH	SOLE	1	5,033	0	0
NUCOR CORP	COM	670346105	12,444	213,263 SH	SOLE	1	213,263	0	0
NUTANIX INC A	COM	67059N108	123	3,270 SH	SOLE	1	3,270	0	0
NUVASIVE INC	COM	670704105	7,660	134,882 SH	SOLE	1	134,882	0	0
NUVECTRA CORP	COM	67075N108	122	11,036 SH	SOLE	1	11,036	0	0
NUVERRA ENVIRONMENTAL SOLUTI	COM	67091K302	10	1,085 SH	SOLE	1	1,085	0	0
NV5 GLOBAL INC	COM	62945V109	355	5,980 SH	SOLE	1	5,980	0	0
NVE CORP	COM	629445206	298	3,043 SH	SOLE	1	3,043	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,679	321,669 SH	SOLE	1	321,669	0	0
NVIDIA CORP	COM	67066G104	47,229	263,027 SH	SOLE	1	263,027	0	0
NVR INC	COM	62944T105	18,824	6,803 SH	SOLE	1	6,803	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	5,397	61,063 SH	SOLE	1	61,063	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	41	20,649 SH	SOLE	1	20,649	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	14,013	36,089 SH	SOLE	1	36,089	0	0
OAK VALLEY BANCORP	COM	671807105	78	4,421 SH	SOLE	1	4,421	0	0
OASIS PETROLEUM INC	COM	674215108	4,266	706,298 SH	SOLE	1	706,298	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	23,319	352,253 SH	SOLE	1	352,253	0	0
OCEANEERING INTL INC	COM	675232102	4,076	258,474 SH	SOLE	1	258,474	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	729	30,292 SH	SOLE	1	30,292	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	30	1,156 SH	SOLE	1	1,156	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	90	22,674 SH	SOLE	1	22,674	0	0
OCWEN FINANCIAL CORP	COM	675746309	136	74,946 SH	SOLE	1	74,946	0	0

ODONATE THERAPEUTICS INC	COM	676079106	96	4,325 SH	SOLE	1	4,325	0	0
OFFICE DEPOT INC	COM	676220106	1,964	541,174 SH	SOLE	1	541,174	0	0
OFFICE PROPERTIES INCOME TRU	REIT	67623C109	997	36,075 SH	SOLE	1	36,075	0	0
OFG BANCORP	COM	67103X102	1,649	83,309 SH	SOLE	1	83,309	0	0
OGE ENERGY CORP	COM	670837103	17,463	404,995 SH	SOLE	1	404,995	0	0
OHIO VALLEY BANC CORP	COM	677719106	95	2,618 SH	SOLE	1	2,618	0	0
OIL DRI CORP OF AMERICA	COM	677864100	101	3,250 SH	SOLE	1	3,250	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	766	45,155 SH	SOLE	1	45,155	0	0
OKTA INC	COM	679295105	166	2,001 SH	SOLE	1	2,001	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	18,754	129,886 SH	SOLE	1	129,886	0	0
OLD LINE BANCSHARES INC	COM	67984M100	249	9,992 SH	SOLE	1	9,992	0	0
OLD NATIONAL BANCORP	COM	680033107	1,872	114,146 SH	SOLE	1	114,146	0	0
OLD REPUBLIC INTL CORP	COM	680223104	11,875	567,653 SH	SOLE	1	567,653	0	0
OLD SECOND BANCORP INC	COM	680277100	233	18,518 SH	SOLE	1	18,518	0	0
OLIN CORP	COM	680665205	7,611	328,918 SH	SOLE	1	328,918	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	11,405	133,652 SH	SOLE	1	133,652	0	0
OLYMPIC STEEL INC	COM	68162K106	110	6,951 SH	SOLE	1	6,951	0	0
OMEGA FLEX INC	COM	682095104	141	1,857 SH	SOLE	1	1,857	0	0
OMEGA HEALTHCARE INVESTORS	REIT	681936100	15,541	407,355 SH	SOLE	1	407,355	0	0
OMEROS CORP	COM	682143102	515	29,655 SH	SOLE	1	29,655	0	0
OMNICELL INC	COM	68213N109	2,386	29,514 SH	SOLE	1	29,514	0	0
OMNICOM GROUP	COM	681919106	394,828	5,409,340 SH	SOLE	1	5,409,340	0	0
OMNOVA SOLUTIONS INC	COM	682129101	196	27,921 SH	SOLE	1	27,921	0	0
ON DECK CAPITAL INC	COM	682163100	178	32,910 SH	SOLE	1	32,910	0	0
ON SEMICONDUCTOR CORP	COM	682189105	200	9,743 SH	SOLE	1	9,743	0	0
ONE GAS INC	COM	68235P108	12,214	137,192 SH	SOLE	1	137,192	0	0
ONE LIBERTY PROPERTIES INC	REIT	682406103	281	9,674 SH	SOLE	1	9,674	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	43	1,370 SH	SOLE	1	1,370	0	0
ONEOK INC	COM	682680103	13,565	194,233 SH	SOLE	1	194,233	0	0
ONESPAN INC	COM	68287N100	457	23,798 SH	SOLE	1	23,798	0	0
OOMA INC	COM	683416101	159	12,012 SH	SOLE	1	12,012	0	0
OP BANCORP	COM	67109R109	70	8,055 SH	SOLE	1	8,055	0	0
OPKO HEALTH INC	COM	68375N103	535	205,133 SH	SOLE	1	205,133	0	0
OPPENHEIMER HOLDINGS CL A	COM	683797104	160	6,164 SH	SOLE	1	6,164	0	0
OPTINOSE INC	COM	68404V100	126	12,239 SH	SOLE	1	12,239	0	0
OPUS BANK	COM	684000102	299	15,118 SH	SOLE	1	15,118	0	0
ORACLE CORP	COM	68389X105	48,959	911,546 SH	SOLE	1	911,546	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	509	45,643 SH	SOLE	1	45,643	0	0
ORBCOMM INC	COM	68555P100	316	46,660 SH	SOLE	1	46,660	0	0

ORCHID ISLAND CAPITAL INC	REIT	68571X103	205	31,217	SH	SOLE	1	31,217	0	0
ORGANOVO HOLDINGS INC	COM	68620A104	76	76,622	SH	SOLE	1	76,622	0	0
ORIGIN BANCORP INC	COM	68621T102	379	11,137	SH	SOLE	1	11,137	0	0
ORION GROUP HOLDINGS INC	COM	68628V308	62	21,356	SH	SOLE	1	21,356	0	0
ORITANI FINANCIAL CORP	COM	68633D103	484	29,082	SH	SOLE	1	29,082	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,400	25,391	SH	SOLE	1	25,391	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	88	4,741	SH	SOLE	1	4,741	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	756	13,398	SH	SOLE	1	13,398	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	222	5,025	SH	SOLE	1	5,025	0	0
OSHKOSH CORP	COM	688239201	10,501	139,777	SH	SOLE	1	139,777	0	0
OSI SYSTEMS INC	COM	671044105	1,112	12,697	SH	SOLE	1	12,697	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	22	6,219	SH	SOLE	1	6,219	0	0
OTTER TAIL CORP	COM	689648103	1,252	25,131	SH	SOLE	1	25,131	0	0
OUTFRONT MEDIA INC	REIT	69007J106	1,300	55,571	SH	SOLE	1	55,571	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	83	36,354	SH	SOLE	1	36,354	0	0
OVERSTOCK.COM INC	COM	690370101	244	14,702	SH	SOLE	1	14,702	0	0
OVID THERAPEUTICS INC	COM	690469101	15	8,401	SH	SOLE	1	8,401	0	0
OWENS (PLUS) MINOR INC	COM	690732102	190	46,291	SH	SOLE	1	46,291	0	0
OWENS CORNING	COM	690742101	90	1,920	SH	SOLE	1	1,920	0	0
OWENS ILLINOIS INC	COM	690768403	5,818	306,554	SH	SOLE	1	306,554	0	0
OXFORD IMMUNOTEC GLOBAL PLC	COM	G6855A103	284	16,485	SH	SOLE	1	16,485	0	0
OXFORD INDUSTRIES INC	COM	691497309	954	12,674	SH	SOLE	1	12,674	0	0
P G (PLUS) E CORP	COM	69331C108	617	34,661	SH	SOLE	1	34,661	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	67	1,365	SH	SOLE	1	1,365	0	0
PACCAR INC	COM	693718108	11,002	161,465	SH	SOLE	1	161,465	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	637	88,142	SH	SOLE	1	88,142	0	0
PACIFIC CITY FINANCIAL CORP	COM	69406T408	132	7,559	SH	SOLE	1	7,559	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	76	9,909	SH	SOLE	1	9,909	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	912	34,373	SH	SOLE	1	34,373	0	0
PACIRA BIOSCIENCES INC	COM	695127100	968	25,445	SH	SOLE	1	25,445	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,444	44,718	SH	SOLE	1	44,718	0	0
PACWEST BANCORP	COM	695263103	11,800	313,750	SH	SOLE	1	313,750	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	127	129,239	SH	SOLE	1	129,239	0	0
PALO ALTO NETWORKS INC	COM	697435105	517	2,127	SH	SOLE	1	2,127	0	0
PAN AMERICAN SILVER CORP	COM	697900108	509	38,451	SH	SOLE	1	38,451	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	158	10,053	SH	SOLE	1	10,053	0	0
PAPA JOHN S INTL INC	COM	698813102	3,106	58,660	SH	SOLE	1	58,660	0	0

PAR PACIFIC HOLDINGS INC	COM	69888T207	425	23,845	SH	SOLE	1	23,845	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	178	7,257	SH	SOLE	1	7,257	0	0
PARAMOUNT GROUP INC	REIT	69924R108	52	3,631	SH	SOLE	1	3,631	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	110	20,521	SH	SOLE	1	20,521	0	0
PARK CITY GROUP INC	COM	700215304	68	8,493	SH	SOLE	1	8,493	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	228	14,543	SH	SOLE	1	14,543	0	0
PARK HOTELS (PLUS) RESORTS INC	REIT	700517105	109	3,520	SH	SOLE	1	3,520	0	0
PARK NATIONAL CORP	COM	700658107	830	8,759	SH	SOLE	1	8,759	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	185	5,705	SH	SOLE	1	5,705	0	0
PARKE BANCORP INC	COM	700885106	92	4,416	SH	SOLE	1	4,416	0	0
PARKER HANNIFIN CORP	COM	701094104	11,739	68,404	SH	SOLE	1	68,404	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	149	7,734	SH	SOLE	1	7,734	0	0
PARTY CITY HOLDCO INC	COM	702149105	287	36,152	SH	SOLE	1	36,152	0	0
PATRICK INDUSTRIES INC	COM	703343103	788	17,392	SH	SOLE	1	17,392	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,135	51,584	SH	SOLE	1	51,584	0	0
PATTERSON COS INC	COM	703395103	4,711	215,624	SH	SOLE	1	215,624	0	0
PATTERSON UTI ENERGY INC	COM	703481101	5,976	426,236	SH	SOLE	1	426,236	0	0
PAYCHEX INC	COM	704326107	24,675	307,671	SH	SOLE	1	307,671	0	0
PAYCOM SOFTWARE INC	COM	70432V102	219	1,159	SH	SOLE	1	1,159	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	1,648	18,480	SH	SOLE	1	18,480	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	52,829	508,756	SH	SOLE	1	508,756	0	0
PBF ENERGY INC CLASS A	COM	69318G106	7,444	239,044	SH	SOLE	1	239,044	0	0
PC CONNECTION INC	COM	69318J100	267	7,280	SH	SOLE	1	7,280	0	0
PCSB FINANCIAL CORP	COM	69324R104	203	10,364	SH	SOLE	1	10,364	0	0
PDC ENERGY INC	COM	69327R101	2,037	50,068	SH	SOLE	1	50,068	0	0
PDF SOLUTIONS INC	COM	693282105	258	20,925	SH	SOLE	1	20,925	0	0
PDL BIOPHARMA INC	COM	69329Y104	340	91,418	SH	SOLE	1	91,418	0	0
PDL COMMUNITY BANCORP	COM	69290X101	78	5,605	SH	SOLE	1	5,605	0	0
PDVWIRELESS INC	COM	69290R104	213	6,062	SH	SOLE	1	6,062	0	0
PEABODY ENERGY CORP	COM	704551100	1,415	49,963	SH	SOLE	1	49,963	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	313	11,938	SH	SOLE	1	11,938	0	0
PEBBLEBROOK HOTEL TRUST	REIT	70509V100	10,587	340,868	SH	SOLE	1	340,868	0	0
PEGASYSTEMS INC	COM	705573103	57	879	SH	SOLE	1	879	0	0
PENN NATIONAL GAMING INC	COM	707569109	5,634	280,322	SH	SOLE	1	280,322	0	0
PENN REAL ESTATE INVEST TST	REIT	709102107	324	51,508	SH	SOLE	1	51,508	0	0
PENN VIRGINIA CORP	COM	70788V102	419	9,500	SH	SOLE	1	9,500	0	0
PENNS WOODS BANCORP INC	COM	708430103	120	2,917	SH	SOLE	1	2,917	0	0

PENNYMAC FINANCIAL SERVICES	COM	70932M107	281	12,644	SH	SOLE	1	12,644	0	0
PENNYMAC MORTGAGE INVESTMENT	REIT	70931T103	957	46,232	SH	SOLE	1	46,232	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	28	621	SH	SOLE	1	621	0	0
PENTAIR PLC	COM	G7S00T104	2,699	60,640	SH	SOLE	1	60,640	0	0
PENUMBRA INC	COM	70975L107	105	716	SH	SOLE	1	716	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,559	155,643	SH	SOLE	1	155,643	0	0
PEOPLE S UTAH BANCORP	COM	712706209	259	9,808	SH	SOLE	1	9,808	0	0
PEOPLES BANCORP INC	COM	709789101	349	11,271	SH	SOLE	1	11,271	0	0
PEOPLES BANCORP OF NC	COM	710577107	79	2,961	SH	SOLE	1	2,961	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	199	4,393	SH	SOLE	1	4,393	0	0
PEPSICO INC	COM	713448108	86,414	705,136	SH	SOLE	1	705,136	0	0
PERFICIENT INC	COM	71375U101	672	24,524	SH	SOLE	1	24,524	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,576	64,974	SH	SOLE	1	64,974	0	0
PERKINELMER INC	COM	714046109	4,303	44,653	SH	SOLE	1	44,653	0	0
PERRIGO CO PLC	COM	G97822103	3,435	71,324	SH	SOLE	1	71,324	0	0
PERSPECTA INC	COM	715347100	7,456	368,721	SH	SOLE	1	368,721	0	0
PETIQ INC	COM	71639T106	316	10,046	SH	SOLE	1	10,046	0	0
PETMED EXPRESS INC	COM	716382106	345	15,166	SH	SOLE	1	15,166	0	0
PFENEX INC	COM	717071104	112	18,148	SH	SOLE	1	18,148	0	0
PFIZER INC	COM	717081103	466,581	10,986,121	SH	SOLE	1	10,986,121	0	0
PFSWEB INC	COM	717098206	50	9,692	SH	SOLE	1	9,692	0	0
PGT INNOVATIONS INC	COM	69336V101	595	42,970	SH	SOLE	1	42,970	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	507	15,373	SH	SOLE	1	15,373	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	451,552	5,108,628	SH	SOLE	1	5,108,628	0	0
PHILLIPS 66	COM	718546104	16,107	169,247	SH	SOLE	1	169,247	0	0
PHOTRONICS INC	COM	719405102	467	49,409	SH	SOLE	1	49,409	0	0
PHYSICIANS REALTY TRUST	REIT	71943U104	2,192	116,525	SH	SOLE	1	116,525	0	0
PICO HOLDINGS INC	COM	693366205	124	12,509	SH	SOLE	1	12,509	0	0
PIEDMONT OFFICE REALTY TRU A	REIT	720190206	1,678	80,502	SH	SOLE	1	80,502	0	0
PIER 1 IMPORTS INC	COM	720279108	40	52,121	SH	SOLE	1	52,121	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	111	33,111	SH	SOLE	1	33,111	0	0
PILGRIM S PRIDE CORP	COM	72147K108	21	927	SH	SOLE	1	927	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	7,964	145,590	SH	SOLE	1	145,590	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,668	38,381	SH	SOLE	1	38,381	0	0
PIONEER ENERGY SERVICES CORP	COM	723664108	102	57,896	SH	SOLE	1	57,896	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	11,073	72,718	SH	SOLE	1	72,718	0	0
PIPER JAFFRAY COS	COM	724078100	791	10,864	SH	SOLE	1	10,864	0	0
PITNEY BOWES INC	COM	724479100	3,381	492,183	SH	SOLE	1	492,183	0	0
PJT PARTNERS INC A	COM	69343T107	531	12,715	SH	SOLE	1	12,715	0	0

PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	22,521	903,730	SH	SOLE	2	903,730	0	0
PLAINS GP HOLDINGS LP CL A	COM	72651A207	95	3,826	SH	SOLE	1	3,826	0	0
PLANET FITNESS INC CL A	COM	72703H101	3,877	56,418	SH	SOLE	1	56,418	0	0
PLANTRONICS INC	COM	727493108	3,962	85,919	SH	SOLE	1	85,919	0	0
PLAYAGS INC	COM	72814N104	335	14,008	SH	SOLE	1	14,008	0	0
PLEXUS CORP	COM	729132100	1,414	23,193	SH	SOLE	1	23,193	0	0
PLUG POWER INC	COM	72919P202	327	136,336	SH	SOLE	1	136,336	0	0
PLURALSIGHT INC A	COM	72941B106	17	532	SH	SOLE	1	532	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	25,696	209,486	SH	SOLE	1	209,486	0	0
PNM RESOURCES INC	COM	69349H107	9,859	208,259	SH	SOLE	1	208,259	0	0
POLARIS INDUSTRIES INC	COM	731068102	9,681	114,662	SH	SOLE	1	114,662	0	0
POLARITYTE INC	COM	731094108	69	6,479	SH	SOLE	1	6,479	0	0
POLYONE CORPORATION	COM	73179P106	5,997	204,603	SH	SOLE	1	204,603	0	0
POOL CORP	COM	73278L105	12,999	78,797	SH	SOLE	1	78,797	0	0
POPULAR INC	COM	733174700	92	1,765	SH	SOLE	1	1,765	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,958	57,065	SH	SOLE	1	57,065	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,441	41,523	SH	SOLE	1	41,523	0	0
POST HOLDINGS INC	COM	737446104	14,532	132,832	SH	SOLE	1	132,832	0	0
POTBELLY CORP	COM	73754Y100	121	14,256	SH	SOLE	1	14,256	0	0
POTLATCHDELTIC CORP	REIT	737630103	6,669	176,474	SH	SOLE	1	176,474	0	0
POWELL INDUSTRIES INC	COM	739128106	177	6,672	SH	SOLE	1	6,672	0	0
POWER INTEGRATIONS INC	COM	739276103	1,516	21,678	SH	SOLE	1	21,678	0	0
PPG INDUSTRIES INC	COM	693506107	10,564	93,594	SH	SOLE	1	93,594	0	0
PPL CORP	COM	69351T106	10,830	341,213	SH	SOLE	1	341,213	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	354	23,339	SH	SOLE	1	23,339	0	0
PRA GROUP INC	COM	69354N106	906	33,800	SH	SOLE	1	33,800	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	13,009	117,956	SH	SOLE	1	117,956	0	0
PREFERRED APARTMENT COMMUN A	REIT	74039L103	387	26,123	SH	SOLE	1	26,123	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	474	10,532	SH	SOLE	1	10,532	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	104	1,954	SH	SOLE	1	1,954	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	119	7,558	SH	SOLE	1	7,558	0	0
PREMIER INC CLASS A	COM	74051N102	35	1,014	SH	SOLE	1	1,014	0	0
PRESIDIO INC	COM	74102M103	384	25,966	SH	SOLE	1	25,966	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,055	135,589	SH	SOLE	1	135,589	0	0
PRGX GLOBAL INC	COM	69357C503	106	13,361	SH	SOLE	1	13,361	0	0
PRICESMART INC	COM	741511109	831	14,107	SH	SOLE	1	14,107	0	0
PRIMERICA INC	COM	74164M108	13,644	111,700	SH	SOLE	1	111,700	0	0
PRIMO WATER CORP	COM	74165N105	330	21,373	SH	SOLE	1	21,373	0	0
PRIMORIS SERVICES CORP	COM	74164F103	551	26,664	SH	SOLE	1	26,664	0	0

PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,207	103,741	SH	SOLE	1	103,741	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	124	3,642	SH	SOLE	1	3,642	0	0
PROASSURANCE CORP	COM	74267C106	1,391	40,183	SH	SOLE	1	40,183	0	0
PROCTER (PLUS) GAMBLE CO/THE	COM	742718109	553,598	5,320,504	SH	SOLE	1	5,320,504	0	0
PROFIRE ENERGY INC	COM	74316X101	27	15,252	SH	SOLE	1	15,252	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	296	63,759	SH	SOLE	1	63,759	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,502	33,859	SH	SOLE	1	33,859	0	0
PROGRESSIVE CORP	COM	743315103	16,674	231,299	SH	SOLE	1	231,299	0	0
PROLOGIS INC	REIT	74340W103	17,924	249,113	SH	SOLE	1	249,113	0	0
PROOFPOINT INC	COM	743424103	143	1,174	SH	SOLE	1	1,174	0	0
PROPETRO HOLDING CORP	COM	74347M108	1,216	53,957	SH	SOLE	1	53,957	0	0
PROS HOLDINGS INC	COM	74346Y103	853	20,191	SH	SOLE	1	20,191	0	0
PROSPERITY BANCSHARES INC	COM	743606105	9,140	132,353	SH	SOLE	1	132,353	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	112	6,035	SH	SOLE	1	6,035	0	0
PROTEOSTASIS THERAPEUTICS IN	COM	74373B109	28	21,866	SH	SOLE	1	21,866	0	0
PROTHENA CORP PLC	COM	G72800108	311	25,621	SH	SOLE	1	25,621	0	0
PROTO LABS INC	COM	743713109	2,152	20,467	SH	SOLE	1	20,467	0	0
PROVIDENCE SERVICE CORP	COM	743815102	560	8,411	SH	SOLE	1	8,411	0	0
PROVIDENT BANCORP INC	COM	74383X109	62	2,750	SH	SOLE	1	2,750	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,201	46,376	SH	SOLE	1	46,376	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	97	5,600	SH	SOLE	1	5,600	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	16,602	180,690	SH	SOLE	1	180,690	0	0
PS BUSINESS PARKS INC/CA	REIT	69360J107	2,361	15,054	SH	SOLE	1	15,054	0	0
PTC INC	COM	69370C100	19,709	213,810	SH	SOLE	1	213,810	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,235	32,804	SH	SOLE	1	32,804	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,637	179,038	SH	SOLE	1	179,038	0	0
PUBLIC STORAGE	REIT	74460D109	12,463	57,228	SH	SOLE	1	57,228	0	0
PULSE BIOSCIENCES INC	COM	74587B101	119	6,776	SH	SOLE	1	6,776	0	0
PULTEGROUP INC	COM	745867101	2,540	90,849	SH	SOLE	1	90,849	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	720	18,569	SH	SOLE	1	18,569	0	0
PURE CYCLE CORP	COM	746228303	108	10,905	SH	SOLE	1	10,905	0	0
PURE STORAGE INC CLASS A	COM	74624M102	84	3,840	SH	SOLE	1	3,840	0	0
PURPLE INNOVATION INC	COM	74640Y106	13	2,781	SH	SOLE	1	2,781	0	0
PVH CORP	COM	693656100	4,372	35,853	SH	SOLE	1	35,853	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	128	5,350	SH	SOLE	1	5,350	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	89	11,026	SH	SOLE	1	11,026	0	0
Q2 HOLDINGS INC	COM	74736L109	1,652	23,855	SH	SOLE	1	23,855	0	0

QAD INC A	COM	74727D306	285	6,628	SH	SOLE	1	6,628	0	0
QCR HOLDINGS INC	COM	74727A104	283	8,337	SH	SOLE	1	8,337	0	0
QEP RESOURCES INC	COM	74733V100	3,673	471,450	SH	SOLE	1	471,450	0	0
QIAGEN N.V.	COM	N72482123	158	3,884	SH	SOLE	1	3,884	0	0
QORVO INC	COM	74736K101	3,123	43,545	SH	SOLE	1	43,545	0	0
QTS REALTY TRUST INC CL A	REIT	74736A103	1,462	32,499	SH	SOLE	1	32,499	0	0
QUAD GRAPHICS INC	COM	747301109	237	19,930	SH	SOLE	1	19,930	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,984	9,902	SH	SOLE	1	9,902	0	0
QUALCOMM INC	COM	747525103	31,709	556,013	SH	SOLE	1	556,013	0	0
QUALYS INC	COM	74758T303	2,128	25,720	SH	SOLE	1	25,720	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	400	25,189	SH	SOLE	1	25,189	0	0
QUANTA SERVICES INC	COM	74762E102	1,904	50,452	SH	SOLE	1	50,452	0	0
QUANTENNA COMMUNICATIONS INC	COM	74766D100	531	21,828	SH	SOLE	1	21,828	0	0
QUANTERIX CORP	COM	74766Q101	141	5,443	SH	SOLE	1	5,443	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,012	89,104	SH	SOLE	1	89,104	0	0
QUIDEL CORP	COM	74838J101	1,427	21,801	SH	SOLE	1	21,801	0	0
QUINSTREET INC	COM	74874Q100	442	32,985	SH	SOLE	1	32,985	0	0
QUINTANA ENERGY SERVICES INC	COM	74875T103	17	3,969	SH	SOLE	1	3,969	0	0
QUORUM HEALTH CORP	COM	74909E106	27	19,063	SH	SOLE	1	19,063	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	502	50,862	SH	SOLE	1	50,862	0	0
QURATE RETAIL INC	COM	74915M100	361	22,594	SH	SOLE	1	22,594	0	0
R1 RCM INC	COM	749397105	635	65,644	SH	SOLE	1	65,644	0	0
RA PHARMACEUTICALS INC	COM	74933V108	269	11,992	SH	SOLE	1	11,992	0	0
RADIAN GROUP INC	COM	750236101	4,091	197,252	SH	SOLE	1	197,252	0	0
RADIANT LOGISTICS INC	COM	75025X100	156	24,818	SH	SOLE	1	24,818	0	0
RADIUS HEALTH INC	COM	750469207	515	25,805	SH	SOLE	1	25,805	0	0
RADNET INC	COM	750491102	317	25,605	SH	SOLE	1	25,605	0	0
RALPH LAUREN CORP	COM	751212101	3,918	30,213	SH	SOLE	1	30,213	0	0
RAMACO RESOURCES INC	COM	75134P303	22	3,812	SH	SOLE	1	3,812	0	0
RAMBUS INC	COM	750917106	845	80,831	SH	SOLE	1	80,831	0	0
RANGE RESOURCES CORP	COM	75281A109	4,656	414,201	SH	SOLE	1	414,201	0	0
RAPID7 INC	COM	753422104	1,191	23,530	SH	SOLE	1	23,530	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,040	27,102	SH	SOLE	1	27,102	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,065	50,555	SH	SOLE	1	50,555	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	517	38,121	SH	SOLE	1	38,121	0	0
RAYONIER INC	REIT	754907103	8,141	258,268	SH	SOLE	1	258,268	0	0
RAYTHEON COMPANY	COM	755111507	17,037	93,567	SH	SOLE	1	93,567	0	0
RBB BANCORP	COM	74930B105	166	8,855	SH	SOLE	1	8,855	0	0
RBC BEARINGS INC	COM	75524B104	1,938	15,241	SH	SOLE	1	15,241	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	133	5,780	SH	SOLE	1	5,780	0	0



RE/MAX HOLDINGS INC CL A	COM	75524W108	519	13,465	SH	SOLE	1	13,465	0	0
READING INTERNATIONAL INC A	COM	755408101	171	10,708	SH	SOLE	1	10,708	0	0
READY CAPITAL CORP	REIT	75574U101	165	11,266	SH	SOLE	1	11,266	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	2,581	226,444	SH	SOLE	1	226,444	0	0
REALPAGE INC	COM	75606N109	101	1,671	SH	SOLE	1	1,671	0	0
REALTY INCOME CORP	REIT	756109104	7,712	104,842	SH	SOLE	1	104,842	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,030	12,052	SH	SOLE	1	12,052	0	0
RECRO PHARMA INC	COM	75629F109	68	11,654	SH	SOLE	1	11,654	0	0
RED HAT INC	COM	756577102	11,896	65,113	SH	SOLE	1	65,113	0	0
RED LION HOTELS CORP	COM	756764106	83	10,289	SH	SOLE	1	10,289	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	283	9,811	SH	SOLE	1	9,811	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,146	44,341	SH	SOLE	1	44,341	0	0
REDFIN CORP	COM	75737F108	1,024	50,500	SH	SOLE	1	50,500	0	0
REDWOOD TRUST INC	REIT	758075402	1,168	72,309	SH	SOLE	1	72,309	0	0
REGAL BELOIT CORP	COM	758750103	6,989	85,361	SH	SOLE	1	85,361	0	0
REGENCY CENTERS CORP	REIT	758849103	3,925	58,153	SH	SOLE	1	58,153	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	15,415	37,540	SH	SOLE	1	37,540	0	0
REGENXBIO INC	COM	75901B107	1,379	24,062	SH	SOLE	1	24,062	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	145	5,942	SH	SOLE	1	5,942	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,749	476,944	SH	SOLE	1	476,944	0	0
REGIS CORP	COM	758932107	457	23,252	SH	SOLE	1	23,252	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	17,789	125,294	SH	SOLE	1	125,294	0	0
RELIANCE STEEL (PLUS) ALUMINUM	COM	759509102	13,288	147,216	SH	SOLE	1	147,216	0	0
RELIANT BANCORP INC	COM	75956B101	144	6,441	SH	SOLE	1	6,441	0	0
REMARK HOLDINGS INC	COM	75955K102	34	18,327	SH	SOLE	1	18,327	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	12,239	85,287	SH	SOLE	1	85,287	0	0
RENASANT CORP	COM	75970E107	1,041	30,744	SH	SOLE	1	30,744	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	614	27,939	SH	SOLE	1	27,939	0	0
RENT A CENTER INC	COM	76009N100	701	33,577	SH	SOLE	1	33,577	0	0
REPLIGEN CORP	COM	759916109	1,745	29,535	SH	SOLE	1	29,535	0	0
REPLIMUNE GROUP INC	COM	76029N106	114	7,483	SH	SOLE	1	7,483	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	274	6,125	SH	SOLE	1	6,125	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	147	28,053	SH	SOLE	1	28,053	0	0
REPUBLIC SERVICES INC	COM	760759100	7,371	91,699	SH	SOLE	1	91,699	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	4,690	243,114	SH	SOLE	1	243,114	0	0
RESMED INC	COM	761152107	5,984	57,554	SH	SOLE	1	57,554	0	0
RESOURCES CONNECTION INC	COM	76122Q105	373	22,522	SH	SOLE	1	22,522	0	0

RESTORBIO INC	COM	76133L103	33	4,905 SH	SOLE	1	4,905	0	0
RETAIL OPPORTUNITY INVESTMEN	REIT	76131N101	1,476	85,095 SH	SOLE	1	85,095	0	0
RETAIL PROPERTIES OF AME A	REIT	76131V202	47	3,838 SH	SOLE	1	3,838	0	0
RETAIL VALUE INC	REIT	76133Q102	9	274 SH	SOLE	1	274	0	0
RETROPHIN INC	COM	761299106	596	26,325 SH	SOLE	1	26,325	0	0
REV GROUP INC	COM	749527107	205	18,700 SH	SOLE	1	18,700	0	0
REVANCE THERAPEUTICS INC	COM	761330109	384	24,391 SH	SOLE	1	24,391	0	0
REVLON INC CLASS A	COM	761525609	101	5,189 SH	SOLE	1	5,189	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	342	4,246 SH	SOLE	1	4,246	0	0
REXFORD INDUSTRIAL REALTY IN	REIT	76169C100	2,108	58,863 SH	SOLE	1	58,863	0	0
REXNORD CORP	COM	76169B102	1,676	66,681 SH	SOLE	1	66,681	0	0
RGC RESOURCES INC	COM	74955L103	125	4,715 SH	SOLE	1	4,715	0	0
RH	COM	74967X103	1,475	14,324 SH	SOLE	1	14,324	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	266	9,707 SH	SOLE	1	9,707	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	177	34,400 SH	SOLE	1	34,400	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	275	107,062 SH	SOLE	1	107,062	0	0
RIGNET INC	COM	766582100	88	8,959 SH	SOLE	1	8,959	0	0
RIMINI STREET INC	COM	76674Q107	33	6,604 SH	SOLE	1	6,604	0	0
RING ENERGY INC	COM	76680V108	255	43,514 SH	SOLE	1	43,514	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	172	1,595 SH	SOLE	1	1,595	0	0
RITE AID CORP	COM	767754104	431	679,168 SH	SOLE	1	679,168	0	0
RIVERVIEW BANCORP INC	COM	769397100	99	13,526 SH	SOLE	1	13,526	0	0
RLI CORP	COM	749607107	2,126	29,633 SH	SOLE	1	29,633	0	0
RLJ LODGING TRUST	REIT	74965L101	1,949	110,924 SH	SOLE	1	110,924	0	0
RMR GROUP INC/THE A	COM	74967R106	274	4,492 SH	SOLE	1	4,492	0	0
ROBERT HALF INTL INC	COM	770323103	2,781	42,676 SH	SOLE	1	42,676	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	265	15,131 SH	SOLE	1	15,131	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,411	53,638 SH	SOLE	1	53,638	0	0
ROCKWELL MEDICAL INC	COM	774374102	172	30,298 SH	SOLE	1	30,298	0	0
ROCKY BRANDS INC	COM	774515100	104	4,357 SH	SOLE	1	4,357	0	0
ROGERS CORP	COM	775133101	2,205	13,881 SH	SOLE	1	13,881	0	0
ROKU INC	COM	77543R102	1,783	27,640 SH	SOLE	1	27,640	0	0
ROLLINS INC	COM	775711104	2,133	51,255 SH	SOLE	1	51,255	0	0
ROPER TECHNOLOGIES INC	COM	776696106	18,072	52,848 SH	SOLE	1	52,848	0	0
ROSEHILL RESOURCES INC	COM	777385105	5	1,557 SH	SOLE	1	1,557	0	0
ROSETTA STONE INC	COM	777780107	278	12,715 SH	SOLE	1	12,715	0	0
ROSS STORES INC	COM	778296103	16,170	173,688 SH	SOLE	1	173,688	0	0
ROWAN COMPANIES PLC A	COM	G7665A101	3,593	332,973 SH	SOLE	1	332,973	0	0

ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	6,955	60,676	SH	SOLE	1	60,676	0	0
ROYAL GOLD INC	COM	780287108	11,896	130,830	SH	SOLE	1	130,830	0	0
RPC INC	COM	749660106	13	1,119	SH	SOLE	1	1,119	0	0
RPM INTERNATIONAL INC	COM	749685103	15,249	262,728	SH	SOLE	1	262,728	0	0
RPT REALTY	REIT	74971D101	721	60,051	SH	SOLE	1	60,051	0	0
RR DONNELLEY (PLUS) SONS CO	COM	257867200	252	53,350	SH	SOLE	1	53,350	0	0
RTI SURGICAL HDS INC	COM	74975N105	214	35,603	SH	SOLE	1	35,603	0	0
RTW RETAIL WINDS INC	COM	74980D100	45	18,654	SH	SOLE	1	18,654	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	393	21,736	SH	SOLE	1	21,736	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	541	23,735	SH	SOLE	1	23,735	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	116	2,805	SH	SOLE	1	2,805	0	0
RUSH ENTERPRISES INC CL A	COM	781846209	801	19,170	SH	SOLE	1	19,170	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	556	21,746	SH	SOLE	1	21,746	0	0
RYDER SYSTEM INC	COM	783549108	6,566	105,927	SH	SOLE	1	105,927	0	0
RYERSON HOLDING CORP	COM	783754104	87	10,155	SH	SOLE	1	10,155	0	0
RYMAN HOSPITALITY PROPERTIES	REIT	78377T107	2,346	28,532	SH	SOLE	1	28,532	0	0
S (PLUS) T BANCORP INC	COM	783859101	1,029	26,037	SH	SOLE	1	26,037	0	0
S(PLUS)P GLOBAL INC	COM	78409V104	21,565	102,421	SH	SOLE	1	102,421	0	0
SABRA HEALTH CARE REIT INC	REIT	78573L106	9,074	466,046	SH	SOLE	1	466,046	0	0
SABRE CORP	COM	78573M104	11,778	550,627	SH	SOLE	1	550,627	0	0
SAFE BULKERS INC	COM	Y7388L103	47	32,432	SH	SOLE	1	32,432	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	133	12,300	SH	SOLE	1	12,300	0	0
SAFEHOLD INC	REIT	78645L100	110	5,044	SH	SOLE	1	5,044	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	964	11,065	SH	SOLE	1	11,065	0	0
SAGA COMMUNICATIONS INC CL A	COM	786598300	81	2,433	SH	SOLE	1	2,433	0	0
SAGE THERAPEUTICS INC	COM	78667J108	169	1,060	SH	SOLE	1	1,060	0	0
SAIA INC	COM	78709Y105	1,185	19,395	SH	SOLE	1	19,395	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,279	44,540	SH	SOLE	1	44,540	0	0
SALESFORCE.COM INC	COM	79466L302	46,358	292,718	SH	SOLE	1	292,718	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,803	315,223	SH	SOLE	1	315,223	0	0
SANDERSON FARMS INC	COM	800013104	6,748	51,183	SH	SOLE	1	51,183	0	0
SANDRIDGE ENERGY INC	COM	80007P869	157	19,550	SH	SOLE	1	19,550	0	0
SANDY SPRING BANCORP INC	COM	800363103	691	22,098	SH	SOLE	1	22,098	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	617	64,672	SH	SOLE	1	64,672	0	0
SANMINA CORP	COM	801056102	1,480	51,304	SH	SOLE	1	51,304	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	45	2,112	SH	SOLE	1	2,112	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	185	1,550	SH	SOLE	1	1,550	0	0

SAUL CENTERS INC	REIT	804395101	457	8,889	SH	SOLE	1	8,889	0	0
SAVARA INC	COM	805111101	135	18,274	SH	SOLE	1	18,274	0	0
SB ONE BANCORP	COM	78413T103	99	4,558	SH	SOLE	1	4,558	0	0
SBA COMMUNICATIONS CORP	REIT	78410G104	9,556	47,863	SH	SOLE	1	47,863	0	0
SCANSOURCE INC	COM	806037107	684	19,094	SH	SOLE	1	19,094	0	0
SCHLUMBERGER LTD	COM	806857108	24,965	572,976	SH	SOLE	1	572,976	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	18	878	SH	SOLE	1	878	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	401	16,708	SH	SOLE	1	16,708	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	179	9,500	SH	SOLE	1	9,500	0	0
SCHOLASTIC CORP	COM	807066105	852	21,441	SH	SOLE	1	21,441	0	0
SCHWAB (CHARLES) CORP	COM	808513105	20,128	470,728	SH	SOLE	1	470,728	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	900	23,236	SH	SOLE	1	23,236	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	10,222	132,844	SH	SOLE	1	132,844	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	2,958	144,862	SH	SOLE	1	144,862	0	0
SCORPIO BULKERS INC	COM	Y7546A122	134	34,790	SH	SOLE	1	34,790	0	0
SCORPIO TANKERS INC	COM	Y7542C130	578	29,132	SH	SOLE	1	29,132	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	6,170	78,517	SH	SOLE	1	78,517	0	0
SCPHARMACEUTICALS INC	COM	810648105	13	4,338	SH	SOLE	1	4,338	0	0
SEABOARD CORP	COM	811543107	21	5	SH	SOLE	1	5	0	0
SEACOAST BANKING CORP/FL	COM	811707801	932	35,372	SH	SOLE	1	35,372	0	0
SEACOR HOLDINGS INC	COM	811904101	548	12,950	SH	SOLE	1	12,950	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	140	10,532	SH	SOLE	1	10,532	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	4,392	91,709	SH	SOLE	1	91,709	0	0
SEALED AIR CORP	COM	81211K100	2,746	59,616	SH	SOLE	1	59,616	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	142	9,444	SH	SOLE	1	9,444	0	0
SEATTLE GENETICS INC	COM	812578102	306	4,177	SH	SOLE	1	4,177	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	902	35,023	SH	SOLE	1	35,023	0	0
SECUREWORKS CORP A	COM	81374A105	101	5,477	SH	SOLE	1	5,477	0	0
SEI INVESTMENTS COMPANY	COM	784117103	13,721	262,600	SH	SOLE	1	262,600	0	0
SELECT BANCORP INC	COM	81617L108	112	9,878	SH	SOLE	1	9,878	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	352	29,277	SH	SOLE	1	29,277	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,154	81,902	SH	SOLE	1	81,902	0	0
SELECTA BIOSCIENCES INC	COM	816212104	52	21,814	SH	SOLE	1	21,814	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	2,782	43,970	SH	SOLE	1	43,970	0	0
SEMGROUP CORP CLASS A	COM	81663A105	744	50,465	SH	SOLE	1	50,465	0	0
SEMPRA ENERGY	COM	816851109	12,217	97,072	SH	SOLE	1	97,072	0	0
SEMTECH CORP	COM	816850101	2,508	49,268	SH	SOLE	1	49,268	0	0

SENECA FOODS CORP CL A	COM	817070501	131	5,315 SH	SOLE	1	5,315	0	0
SENIOR HOUSING PROP TRUST	REIT	81721M109	5,585	474,130 SH	SOLE	1	474,130	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	151	3,361 SH	SOLE	1	3,361	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	133	54,342 SH	SOLE	1	54,342	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,508	110,757 SH	SOLE	1	110,757	0	0
SERES THERAPEUTICS INC	COM	81750R102	90	13,131 SH	SOLE	1	13,131	0	0
SERITAGE GROWTH PROP A REIT	REIT	81752R100	926	20,836 SH	SOLE	1	20,836	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	14,534	361,999 SH	SOLE	1	361,999	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	148	3,170 SH	SOLE	1	3,170	0	0
SERVICENOW INC	COM	81762P102	1,351	5,482 SH	SOLE	1	5,482	0	0
SERVICESOURCE INTERNATIONAL	COM	81763U100	46	50,286 SH	SOLE	1	50,286	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,185	35,092 SH	SOLE	1	35,092	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,111	18,789 SH	SOLE	1	18,789	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,321	29,776 SH	SOLE	1	29,776	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	11,572	26,867 SH	SOLE	1	26,867	0	0
SHILOH INDUSTRIES INC	COM	824543102	53	9,547 SH	SOLE	1	9,547	0	0
SHIP FINANCE INTL LTD	COM	G81075106	639	51,760 SH	SOLE	1	51,760	0	0
SHOE CARNIVAL INC	COM	824889109	260	7,644 SH	SOLE	1	7,644	0	0
SHORE BANCSHARES INC	COM	825107105	120	8,034 SH	SOLE	1	8,034	0	0
SHOTSPOTTER INC	COM	82536T107	181	4,678 SH	SOLE	1	4,678	0	0
SHUTTERFLY INC	COM	82568P304	1,031	25,363 SH	SOLE	1	25,363	0	0
SHUTTERSTOCK INC	COM	825690100	662	14,189 SH	SOLE	1	14,189	0	0
SI BONE INC	COM	825704109	101	5,387 SH	SOLE	1	5,387	0	0
SI FINANCIAL GROUP INC	COM	78425V104	91	7,073 SH	SOLE	1	7,073	0	0
SIEBERT FINANCIAL CORP	COM	826176109	56	4,729 SH	SOLE	1	4,729	0	0
SIENNA BIOPHARMACEUTICALS IN	COM	82622H108	23	10,026 SH	SOLE	1	10,026	0	0
SIENRA INC	COM	82621J105	129	15,017 SH	SOLE	1	15,017	0	0
SIERRA BANCORP	COM	82620P102	219	8,994 SH	SOLE	1	8,994	0	0
SIGA TECHNOLOGIES INC	COM	826917106	202	33,639 SH	SOLE	1	33,639	0	0
SIGNATURE BANK	COM	82669G104	14,097	110,075 SH	SOLE	1	110,075	0	0
SIGNET JEWELERS LTD	COM	G81276100	3,687	135,756 SH	SOLE	1	135,756	0	0
SILGAN HOLDINGS INC	COM	827048109	4,573	154,337 SH	SOLE	1	154,337	0	0
SILICON LABORATORIES INC	COM	826919102	9,103	112,580 SH	SOLE	1	112,580	0	0
SILVERBOW RESOURCES INC	COM	82836G102	104	4,520 SH	SOLE	1	4,520	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	76	5,306 SH	SOLE	1	5,306	0	0
SIMMONS FIRST NATL CORP CL A	COM	828730200	1,680	68,617 SH	SOLE	1	68,617	0	0

SIMON PROPERTY GROUP INC	REIT	828806109	24,497	134,442	SH	SOLE	1	134,442	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	802	38,954	SH	SOLE	1	38,954	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	1,849	31,188	SH	SOLE	1	31,188	0	0
SIMULATIONS PLUS INC	COM	829214105	155	7,339	SH	SOLE	1	7,339	0	0
SINA CORP	COM	G81477104	57	965	SH	SOLE	1	965	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	1,659	43,118	SH	SOLE	1	43,118	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,714	302,228	SH	SOLE	1	302,228	0	0
SITE CENTERS CORP	REIT	82981J109	36	2,673	SH	SOLE	1	2,673	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,479	25,879	SH	SOLE	1	25,879	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	7,055	142,955	SH	SOLE	1	142,955	0	0
SJW GROUP	COM	784305104	935	15,151	SH	SOLE	1	15,151	0	0
SKECHERS USA INC CL A	COM	830566105	8,959	266,553	SH	SOLE	1	266,553	0	0
SKYLINE CHAMPION CORP	COM	830830105	405	21,300	SH	SOLE	1	21,300	0	0
SKYWEST INC	COM	830879102	2,095	38,581	SH	SOLE	1	38,581	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	6,535	79,233	SH	SOLE	1	79,233	0	0
SL GREEN REALTY CORP	REIT	78440X101	2,664	29,622	SH	SOLE	1	29,622	0	0
SLEEP NUMBER CORP	COM	83125X103	1,148	24,417	SH	SOLE	1	24,417	0	0
SLM CORP	COM	78442P106	8,634	871,211	SH	SOLE	1	871,211	0	0
SM ENERGY CO	COM	78454L100	3,605	206,103	SH	SOLE	1	206,103	0	0
SMART (PLUS) FINAL STORES INC	COM	83190B101	73	14,701	SH	SOLE	1	14,701	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	188	9,797	SH	SOLE	1	9,797	0	0
SMART SAND INC	COM	83191H107	63	14,190	SH	SOLE	1	14,190	0	0
SMARTFINANCIAL INC	COM	83190L208	137	7,248	SH	SOLE	1	7,248	0	0
SMITH (A.O.) CORP	COM	831865209	2,944	55,221	SH	SOLE	1	55,221	0	0
SNAP ON INC	COM	833034101	14,660	93,661	SH	SOLE	1	93,661	0	0
SOLAREGE TECHNOLOGIES INC	COM	83417M104	197	5,234	SH	SOLE	1	5,234	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	281	17,094	SH	SOLE	1	17,094	0	0
SOLARWINDS CORP	COM	83417Q105	9	473	SH	SOLE	1	473	0	0
SOLID BIOSCIENCES INC	COM	83422E105	72	7,772	SH	SOLE	1	7,772	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	268	18,095	SH	SOLE	1	18,095	0	0
SONOCO PRODUCTS CO	COM	835495102	12,260	199,256	SH	SOLE	1	199,256	0	0
SONOS INC	COM	83570H108	105	10,226	SH	SOLE	1	10,226	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	347	73,026	SH	SOLE	1	73,026	0	0
SOTHEBY S	COM	835898107	3,259	86,328	SH	SOLE	1	86,328	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,243	69,949	SH	SOLE	1	69,949	0	0
SOUTH STATE CORP	COM	840441109	1,552	22,703	SH	SOLE	1	22,703	0	0
SOUTHERN CO/THE	COM	842587107	17,997	348,236	SH	SOLE	1	348,236	0	0
SOUTHERN COPPER CORP	COM	84265V105	58	1,474	SH	SOLE	1	1,474	0	0

SOUTHERN FIRST BANCSHARES	COM	842873101	150	4,426	SH	SOLE	1	4,426	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	144	4,687	SH	SOLE	1	4,687	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	183	12,463	SH	SOLE	1	12,463	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	801	24,119	SH	SOLE	1	24,119	0	0
SOUTHWEST AIRLINES CO	COM	844741108	10,405	200,447	SH	SOLE	1	200,447	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	11,409	138,696	SH	SOLE	1	138,696	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	6,783	1,446,336	SH	SOLE	1	1,446,336	0	0
SP PLUS CORP	COM	78469C103	493	14,437	SH	SOLE	1	14,437	0	0
SPARK ENERGY INC CLASS A	COM	846511103	66	7,354	SH	SOLE	1	7,354	0	0
SPARK THERAPEUTICS INC	COM	84652J103	2,284	20,057	SH	SOLE	1	20,057	0	0
SPARTAN MOTORS INC	COM	846819100	192	21,758	SH	SOLE	1	21,758	0	0
SPARTANNASH CO	COM	847215100	428	26,952	SH	SOLE	1	26,952	0	0
SPDR PORTFOLIO S(PLUS)P 500 GROWTH	ETF	78464A409	11,117	298,760	SH	SOLE	1	298,760	0	0
SPDR S(PLUS)P 500 ETF TRUST	ETF	78462F103	70,112	248,200	SH	SOLE	1	248,200	0	0
SPDR S(PLUS)P MIDCAP 400 ETF TRUST	ETF	78467Y107	1,554	4,500	SH	SOLE	1	4,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	45	826	SH	SOLE	1	826	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	820	76,733	SH	SOLE	1	76,733	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	106	7,304	SH	SOLE	1	7,304	0	0
SPERO THERAPEUTICS INC	COM	84833T103	65	5,084	SH	SOLE	1	5,084	0	0
SPIRE INC	COM	84857L101	10,842	131,751	SH	SOLE	1	131,751	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	227	2,475	SH	SOLE	1	2,475	0	0
SPIRIT AIRLINES INC	COM	848577102	2,314	43,773	SH	SOLE	1	43,773	0	0
SPIRIT MTA REIT	REIT	84861U105	178	27,452	SH	SOLE	1	27,452	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	137	6,448	SH	SOLE	1	6,448	0	0
SPIRIT REALTY CAPITAL INC	REIT	84860W300	60	1,499	SH	SOLE	1	1,499	0	0
SPLUNK INC	COM	848637104	427	3,425	SH	SOLE	1	3,425	0	0
SPOK HOLDINGS INC	COM	84863T106	188	13,794	SH	SOLE	1	13,794	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	114	23,686	SH	SOLE	1	23,686	0	0
SPRING BANK PHARMACEUTICALS	COM	849431101	93	8,835	SH	SOLE	1	8,835	0	0
SPRINT CORP	COM	85207U105	65	11,544	SH	SOLE	1	11,544	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,349	248,323	SH	SOLE	1	248,323	0	0
SPS COMMERCE INC	COM	78463M107	1,384	13,046	SH	SOLE	1	13,046	0	0
SPX CORP	COM	784635104	1,134	32,587	SH	SOLE	1	32,587	0	0
SPX FLOW INC	COM	78469X107	1,018	31,901	SH	SOLE	1	31,901	0	0
SQUARE INC A	COM	852234103	674	8,994	SH	SOLE	1	8,994	0	0
SRC ENERGY INC	COM	78470V108	937	182,976	SH	SOLE	1	182,976	0	0

SS(PLUS)C TECHNOLOGIES HOLDINGS	COM	78467J100	301	4,733	SH	SOLE	1	4,733	0	0
ST JOE CO/THE	COM	790148100	367	22,241	SH	SOLE	1	22,241	0	0
STAAR SURGICAL CO	COM	852312305	958	28,033	SH	SOLE	1	28,033	0	0
STAG INDUSTRIAL INC	REIT	85254J102	1,851	62,422	SH	SOLE	1	62,422	0	0
STAMPS.COM INC	COM	852857200	1,071	13,156	SH	SOLE	1	13,156	0	0
STANDARD MOTOR PRODS	COM	853666105	782	15,923	SH	SOLE	1	15,923	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	697	9,497	SH	SOLE	1	9,497	0	0
STANLEY BLACK (PLUS) DECKER INC	COM	854502101	8,634	63,405	SH	SOLE	1	63,405	0	0
STARBUCKS CORP	COM	855244109	43,632	586,925	SH	SOLE	1	586,925	0	0
STARWOOD PROPERTY TRUST INC	REIT	85571B105	106	4,730	SH	SOLE	1	4,730	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	351	10,653	SH	SOLE	1	10,653	0	0
STATE STREET CORP	COM	857477103	9,919	150,723	SH	SOLE	1	150,723	0	0
STEEL DYNAMICS INC	COM	858119100	16,151	457,935	SH	SOLE	1	457,935	0	0
STEEL PARTNERS HLDGS LTD PRTRSHIP U	COM	85814R107	9,233	667,641	SH	SOLE	2	667,641	0	0
STEELCASE INC CL A	COM	858155203	796	54,711	SH	SOLE	1	54,711	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	313	24,385	SH	SOLE	1	24,385	0	0
STEPAN CO	COM	858586100	1,340	15,314	SH	SOLE	1	15,314	0	0
STERICYCLE INC	COM	858912108	9,252	170,017	SH	SOLE	1	170,017	0	0
STERIS PLC	COM	G8473T100	21,599	168,702	SH	SOLE	1	168,702	0	0
STERLING BANCORP INC/MI	COM	85917W102	142	13,957	SH	SOLE	1	13,957	0	0
STERLING BANCORP/DE	COM	85917A100	9,032	484,806	SH	SOLE	1	484,806	0	0
STERLING CONSTRUCTION CO	COM	859241101	213	17,007	SH	SOLE	1	17,007	0	0
STEVEN MADDEN LTD	COM	556269108	2,192	64,776	SH	SOLE	1	64,776	0	0
STEWART INFORMATION SERVICES	COM	860372101	757	17,721	SH	SOLE	1	17,721	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,833	186,374	SH	SOLE	1	186,374	0	0
STOCK YARDS BANCORP INC	COM	861025104	465	13,739	SH	SOLE	1	13,739	0	0
STONERIDGE INC	COM	86183P102	506	17,522	SH	SOLE	1	17,522	0	0
STORE CAPITAL CORP	REIT	862121100	113	3,378	SH	SOLE	1	3,378	0	0
STRATASYS LTD	COM	M85548101	770	32,313	SH	SOLE	1	32,313	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,087	15,890	SH	SOLE	1	15,890	0	0
STRATUS PROPERTIES INC	COM	863167201	99	3,743	SH	SOLE	1	3,743	0	0
STRYKER CORP	COM	863667101	24,654	124,817	SH	SOLE	1	124,817	0	0
STURM RUGER (PLUS) CO INC	COM	864159108	677	12,778	SH	SOLE	1	12,778	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	190	7,159	SH	SOLE	1	7,159	0	0
SUMMIT HOTEL PROPERTIES INC	REIT	866082100	894	78,312	SH	SOLE	1	78,312	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	1,135	71,523	SH	SOLE	1	71,523	0	0



SUN COMMUNITIES INC	REIT	866674104	176	1,482	SH	SOLE	1	1,482	0	0
SUN HYDRAULICS CORP	COM	866942105	858	18,446	SH	SOLE	1	18,446	0	0
SUNCOKE ENERGY INC	COM	86722A103	417	49,076	SH	SOLE	1	49,076	0	0
SUNPOWER CORP	COM	867652406	256	39,290	SH	SOLE	1	39,290	0	0
SUNRUN INC	COM	86771W105	867	61,651	SH	SOLE	1	61,651	0	0
SUNSTONE HOTEL INVESTORS INC	REIT	867892101	2,096	145,578	SH	SOLE	1	145,578	0	0
SUNTRUST BANKS INC	COM	867914103	12,189	205,723	SH	SOLE	1	205,723	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	543	116,202	SH	SOLE	1	116,202	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	96	5,775	SH	SOLE	1	5,775	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	88	18,388	SH	SOLE	1	18,388	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,310	37,393	SH	SOLE	1	37,393	0	0
SURFACE ONCOLOGY INC	COM	86877M209	34	7,208	SH	SOLE	1	7,208	0	0
SURGERY PARTNERS INC	COM	86881A100	134	11,870	SH	SOLE	1	11,870	0	0
SURMODICS INC	COM	868873100	435	9,998	SH	SOLE	1	9,998	0	0
SUTRO BIOPHARMA INC	COM	869367102	46	4,076	SH	SOLE	1	4,076	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,169	23,246	SH	SOLE	1	23,246	0	0
SVMK INC	COM	78489X103	205	11,264	SH	SOLE	1	11,264	0	0
SWITCH INC A	COM	87105L104	9	834	SH	SOLE	1	834	0	0
SYKES ENTERPRISES INC	COM	871237103	846	29,910	SH	SOLE	1	29,910	0	0
SYMANTEC CORP	COM	871503108	6,096	265,141	SH	SOLE	1	265,141	0	0
SYNALLOY CORP	COM	871565107	81	5,341	SH	SOLE	1	5,341	0	0
SYNAPTICS INC	COM	87157D109	3,583	90,132	SH	SOLE	1	90,132	0	0
SYNCHRONY FINANCIAL	COM	87165B103	7,822	245,194	SH	SOLE	1	245,194	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	50	9,503	SH	SOLE	1	9,503	0	0
SYNEOS HEALTH INC	COM	87166B102	8,280	159,960	SH	SOLE	1	159,960	0	0
SYNOLOGIC INC	COM	87166L100	75	9,823	SH	SOLE	1	9,823	0	0
SYNNEX CORP	COM	87162W100	10,353	108,538	SH	SOLE	1	108,538	0	0
SYNOPSIS INC	COM	871607107	7,040	61,139	SH	SOLE	1	61,139	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	10,918	317,740	SH	SOLE	1	317,740	0	0
SYNTHORX INC	COM	87167A103	95	4,664	SH	SOLE	1	4,664	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	147	16,132	SH	SOLE	1	16,132	0	0
SYSCO CORP	COM	871829107	10,380	155,488	SH	SOLE	1	155,488	0	0
SYSTEMAX INC	COM	871851101	176	7,795	SH	SOLE	1	7,795	0	0
T MOBILE US INC	COM	872590104	3,562	51,553	SH	SOLE	1	51,553	0	0
T ROWE PRICE GROUP INC	COM	74144T108	14,027	140,105	SH	SOLE	1	140,105	0	0
T2 BIOSYSTEMS INC	COM	89853L104	52	19,807	SH	SOLE	1	19,807	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	212	1,668	SH	SOLE	1	1,668	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	754	13,357	SH	SOLE	1	13,357	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	697	13,220	SH	SOLE	1	13,220	0	0
TAILORED BRANDS INC	COM	87403A107	295	37,586	SH	SOLE	1	37,586	0	0

TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	4,394	46,561	SH	SOLE	1	46,561	0	0
TAKEDA PHARMACEUTICAL SP ADR	ADR	874060205	910	44,656	SH	SOLE	1	44,656	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	201	5,563	SH	SOLE	1	5,563	0	0
TALOS ENERGY INC	COM	87484T108	341	12,850	SH	SOLE	1	12,850	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,065	32,517	SH	SOLE	1	32,517	0	0
TANGER FACTORY OUTLET CENTER	REIT	875465106	5,126	244,349	SH	SOLE	1	244,349	0	0
TAPESTRY INC	COM	876030107	4,284	131,841	SH	SOLE	1	131,841	0	0
TARGA RESOURCES CORP	COM	87612G101	376	9,055	SH	SOLE	1	9,055	0	0
TARGET CORP	COM	87612E106	14,098	175,650	SH	SOLE	1	175,650	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	44	3,514	SH	SOLE	1	3,514	0	0
TAUBMAN CENTERS INC	REIT	876664103	6,463	122,226	SH	SOLE	1	122,226	0	0
TAYLOR MORRISON HOME CORP A	COM	87724P106	1,307	73,619	SH	SOLE	1	73,619	0	0
TCF FINANCIAL CORP	COM	872275102	6,767	327,088	SH	SOLE	1	327,088	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	418	8,363	SH	SOLE	1	8,363	0	0
TE CONNECTIVITY LTD	COM	H84989104	9,592	118,792	SH	SOLE	1	118,792	0	0
TEAM INC	COM	878155100	392	22,415	SH	SOLE	1	22,415	0	0
TECH DATA CORP	COM	878237106	9,990	97,545	SH	SOLE	1	97,545	0	0
TECHNIPFMC PLC	COM	G87110105	3,999	170,018	SH	SOLE	1	170,018	0	0
TECHTARGET	COM	87874R100	255	15,683	SH	SOLE	1	15,683	0	0
TEEKAY CORP	COM	Y8564W103	171	43,699	SH	SOLE	1	43,699	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	118	121,912	SH	SOLE	1	121,912	0	0
TEGNA INC	COM	87901J105	7,966	564,957	SH	SOLE	1	564,957	0	0
TEJON RANCH CO	COM	879080109	236	13,416	SH	SOLE	1	13,416	0	0
TELADOC HEALTH INC	COM	87918A105	2,376	42,738	SH	SOLE	1	42,738	0	0
TELARIA INC	COM	879181105	175	27,607	SH	SOLE	1	27,607	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	17,114	72,207	SH	SOLE	1	72,207	0	0
TELEFLEX INC	COM	879369106	4,773	15,797	SH	SOLE	1	15,797	0	0
TELENAV INC	COM	879455103	122	20,101	SH	SOLE	1	20,101	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,749	187,069	SH	SOLE	1	187,069	0	0
TELIGENT INC	COM	87960W104	30	26,229	SH	SOLE	1	26,229	0	0
TELLURIAN INC	COM	87968A104	608	54,298	SH	SOLE	1	54,298	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	5,296	91,826	SH	SOLE	1	91,826	0	0
TENABLE HOLDINGS INC	COM	88025T102	602	19,002	SH	SOLE	1	19,002	0	0
TENET HEALTHCARE CORP	COM	88033G407	6,281	217,796	SH	SOLE	1	217,796	0	0
TENNANT CO	COM	880345103	840	13,522	SH	SOLE	1	13,522	0	0
TENNECO INC CLASS A	COM	880349105	719	32,443	SH	SOLE	1	32,443	0	0
TERADATA CORP	COM	88076W103	10,236	234,492	SH	SOLE	1	234,492	0	0
TERADYNE INC	COM	880770102	13,809	346,599	SH	SOLE	1	346,599	0	0
TEREX CORP	COM	880779103	3,974	123,674	SH	SOLE	1	123,674	0	0

TERRAFORM POWER INC A	COM	88104R209	641	46,649	SH	SOLE	1	46,649	0	0
TERRENO REALTY CORP	REIT	88146M101	1,611	38,317	SH	SOLE	1	38,317	0	0
TERRITORIAL BANCORP INC	COM	88145X108	134	4,963	SH	SOLE	1	4,963	0	0
TESLA INC	COM	88160R101	2,931	10,473	SH	SOLE	1	10,473	0	0
TETRA TECH INC	COM	88162G103	2,495	41,863	SH	SOLE	1	41,863	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	216	92,458	SH	SOLE	1	92,458	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	46	34,166	SH	SOLE	1	34,166	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,680	107,121	SH	SOLE	1	107,121	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,480	100,381	SH	SOLE	1	100,381	0	0
TEXAS INSTRUMENTS INC	COM	882508104	436,871	4,118,700	SH	SOLE	1	4,118,700	0	0
TEXAS ROADHOUSE INC	COM	882681109	10,888	175,069	SH	SOLE	1	175,069	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	168	17,389	SH	SOLE	1	17,389	0	0
TEXTRON INC	COM	883203101	4,231	83,516	SH	SOLE	1	83,516	0	0
TFS FINANCIAL CORP	COM	87240R107	14	868	SH	SOLE	1	868	0	0
TG THERAPEUTICS INC	COM	88322Q108	322	40,051	SH	SOLE	1	40,051	0	0
THE BANK OF PRINCETON	COM	064520109	117	3,684	SH	SOLE	1	3,684	0	0
THERAPEUTICSMD INC	COM	88338N107	573	117,724	SH	SOLE	1	117,724	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	626	27,603	SH	SOLE	1	27,603	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	45,545	166,391	SH	SOLE	1	166,391	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	507	20,666	SH	SOLE	1	20,666	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	582	56,117	SH	SOLE	1	56,117	0	0
THOR INDUSTRIES INC	COM	885160101	6,890	110,467	SH	SOLE	1	110,467	0	0
TIDEWATER INC	COM	88642R109	441	19,014	SH	SOLE	1	19,014	0	0
TIDEWATER INC NEW	COM	88642R109	54,293	2,341,223	SH	SOLE	2	2,341,223	0	0
TIER REIT INC	REIT	88650V208	981	34,213	SH	SOLE	1	34,213	0	0
TIFFANY (PLUS) CO	COM	886547108	4,629	43,855	SH	SOLE	1	43,855	0	0
TILE SHOP HLDGS INC	COM	88677Q109	171	30,257	SH	SOLE	1	30,257	0	0
TILLY S INC CLASS A SHRS	COM	886885102	146	13,082	SH	SOLE	1	13,082	0	0
TIMBERLAND BANCORP INC	COM	887098101	131	4,678	SH	SOLE	1	4,678	0	0
TIMKEN CO	COM	887389104	5,933	136,019	SH	SOLE	1	136,019	0	0
TIMKENSTEEL CORP	COM	887399103	327	30,136	SH	SOLE	1	30,136	0	0
TIPTREE INC	COM	88822Q103	107	16,925	SH	SOLE	1	16,925	0	0
TITAN INTERNATIONAL INC	COM	88830M102	227	37,970	SH	SOLE	1	37,970	0	0
TITAN MACHINERY INC	COM	88830R101	187	12,021	SH	SOLE	1	12,021	0	0
TIVITY HEALTH INC	COM	88870R102	629	35,846	SH	SOLE	1	35,846	0	0
TIVO CORP	COM	88870P106	855	91,730	SH	SOLE	1	91,730	0	0
TJX COMPANIES INC	COM	872540109	25,919	487,104	SH	SOLE	1	487,104	0	0
TOCAGEN INC	COM	888846102	142	13,103	SH	SOLE	1	13,103	0	0
TOLL BROTHERS INC	COM	889478103	9,705	268,086	SH	SOLE	1	268,086	0	0

TOMPKINS FINANCIAL CORP	COM	890110109	826	10,864	SH	SOLE	1	10,864	0	0
TOOTSIE ROLL INDS	COM	890516107	1,803	48,421	SH	SOLE	1	48,421	0	0
TOPBUILD CORP	COM	89055F103	1,732	26,718	SH	SOLE	1	26,718	0	0
TORCHMARK CORP	COM	891027104	3,546	43,276	SH	SOLE	1	43,276	0	0
TORO CO	COM	891092108	14,611	212,239	SH	SOLE	1	212,239	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	5,643	59,396	SH	SOLE	1	59,396	0	0
TOWER INTERNATIONAL INC	COM	891826109	266	12,645	SH	SOLE	1	12,645	0	0
TOWN SPORTS INTERNATIONAL	COM	89214A102	44	9,238	SH	SOLE	1	9,238	0	0
TOWNE BANK	COM	89214P109	1,040	42,032	SH	SOLE	1	42,032	0	0
TPG RE FINANCE TRUST INC	REIT	87266M107	439	22,419	SH	SOLE	1	22,419	0	0
TPI COMPOSITES INC	COM	87266J104	269	9,400	SH	SOLE	1	9,400	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	4,313	44,115	SH	SOLE	1	44,115	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	4,207	21,251	SH	SOLE	1	21,251	0	0
TRANSCONTINENTAL REALTY INV	REIT	893617209	33	1,067	SH	SOLE	1	1,067	0	0
TRANSDIGM GROUP INC	COM	893641100	16,457	36,250	SH	SOLE	1	36,250	0	0
TRANSENTERIX INC	COM	89366M201	251	105,379	SH	SOLE	1	105,379	0	0
TRANSLATE BIO INC	COM	89374L104	192	18,836	SH	SOLE	1	18,836	0	0
TRANSOCEAN LTD	COM	H8817H100	8,799	1,010,195	SH	SOLE	1	1,010,195	0	0
TRANSUNION	COM	89400J107	287	4,298	SH	SOLE	1	4,298	0	0
TRAVELERS COS INC/THE	COM	89417E109	19,507	142,220	SH	SOLE	1	142,220	0	0
TRAVELPORT WORLDWIDE LTD	COM	G9019D104	1,502	95,512	SH	SOLE	1	95,512	0	0
TRAVELZOO	COM	89421Q205	40	2,969	SH	SOLE	1	2,969	0	0
TRECORA RESOURCES	COM	894648104	120	13,222	SH	SOLE	1	13,222	0	0
TREDEGAR CORP	COM	894650100	315	19,515	SH	SOLE	1	19,515	0	0
TREEHOUSE FOODS INC	COM	89469A104	7,207	111,649	SH	SOLE	1	111,649	0	0
TREX COMPANY INC	COM	89531P105	9,479	154,087	SH	SOLE	1	154,087	0	0
TRI POINTE GROUP INC	COM	87265H109	4,683	370,472	SH	SOLE	1	370,472	0	0
TRIBUNE MEDIA CO A	COM	896047503	71	1,534	SH	SOLE	1	1,534	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	130	10,989	SH	SOLE	1	10,989	0	0
TRICIDA INC	COM	89610F101	441	11,416	SH	SOLE	1	11,416	0	0
TRICO BANCSHARES	COM	896095106	639	16,275	SH	SOLE	1	16,275	0	0
TRIMAS CORP	COM	896215209	884	29,234	SH	SOLE	1	29,234	0	0
TRIMBLE INC	COM	896239100	20,266	501,631	SH	SOLE	1	501,631	0	0
TRINET GROUP INC	COM	896288107	1,662	27,820	SH	SOLE	1	27,820	0	0
TRINITY INDUSTRIES INC	COM	896522109	5,785	266,208	SH	SOLE	1	266,208	0	0
TRINITY PLACE HOLDINGS INC	COM	89656D101	45	11,188	SH	SOLE	1	11,188	0	0
TRINSEO SA	COM	L9340P101	1,238	27,328	SH	SOLE	1	27,328	0	0
TRIPADVISOR INC	COM	896945201	2,794	54,299	SH	SOLE	1	54,299	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	316	13,866	SH	SOLE	1	13,866	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	320	15,646	SH	SOLE	1	15,646	0	0

TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,025	32,950	SH	SOLE	1	32,950	0	0
TRIUMPH BANCORP INC	COM	89679E300	547	18,605	SH	SOLE	1	18,605	0	0
TRIUMPH GROUP INC	COM	896818101	705	36,965	SH	SOLE	1	36,965	0	0
TRONOX HOLDINGS PLC CLASS A	COM	G9087Q102	785	59,718	SH	SOLE	1	59,718	0	0
TRUEBLUE INC	COM	89785X101	719	30,409	SH	SOLE	1	30,409	0	0
TRUECAR INC	COM	89785L107	399	60,108	SH	SOLE	1	60,108	0	0
TRUPANION INC	COM	898202106	537	16,388	SH	SOLE	1	16,388	0	0
TRUSTCO BANK CORP NY	COM	898349105	552	71,113	SH	SOLE	1	71,113	0	0
TRUSTMARK CORP	COM	898402102	5,738	170,625	SH	SOLE	1	170,625	0	0
TTEC HOLDINGS INC	COM	89854H102	386	10,658	SH	SOLE	1	10,658	0	0
TTM TECHNOLOGIES	COM	87305R109	830	70,786	SH	SOLE	1	70,786	0	0
TUCOWS INC CLASS A	COM	898697206	493	6,067	SH	SOLE	1	6,067	0	0
TUPPERWARE BRANDS CORP	COM	899896104	3,257	127,320	SH	SOLE	1	127,320	0	0
TURNING POINT BRANDS INC	COM	90041L105	236	5,126	SH	SOLE	1	5,126	0	0
TURTLE BEACH CORP	COM	900450206	59	5,215	SH	SOLE	1	5,215	0	0
TUTOR PERINI CORP	COM	901109108	409	23,870	SH	SOLE	1	23,870	0	0
TWILIO INC A	COM	90138F102	265	2,055	SH	SOLE	1	2,055	0	0
TWIN DISC INC	COM	901476101	102	6,114	SH	SOLE	1	6,114	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	78	3,380	SH	SOLE	1	3,380	0	0
TWITTER INC	COM	90184L102	9,428	286,746	SH	SOLE	1	286,746	0	0
TWO HARBORS INVESTMENT CORP	REIT	90187B408	58	4,303	SH	SOLE	1	4,303	0	0
TYLER TECHNOLOGIES INC	COM	902252105	15,657	76,600	SH	SOLE	1	76,600	0	0
TYME TECHNOLOGIES INC	COM	90238J103	117	66,302	SH	SOLE	1	66,302	0	0
TYSON FOODS INC CL A	COM	902494103	23,164	333,624	SH	SOLE	1	333,624	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	992	9,446	SH	SOLE	1	9,446	0	0
UBIQUITI NETWORKS INC	COM	90347A100	53	351	SH	SOLE	1	351	0	0
UDR INC	REIT	902653104	4,347	95,629	SH	SOLE	1	95,629	0	0
UFP TECHNOLOGIES INC	COM	902673102	158	4,224	SH	SOLE	1	4,224	0	0
UGI CORP	COM	902681105	19,537	352,524	SH	SOLE	1	352,524	0	0
ULTA BEAUTY INC	COM	90384S303	9,078	26,033	SH	SOLE	1	26,033	0	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	20,911	63,343	SH	SOLE	1	63,343	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	301	29,110	SH	SOLE	1	29,110	0	0
ULTRA PETROLEUM CORP	COM	903914208	62	101,541	SH	SOLE	1	101,541	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,325	33,524	SH	SOLE	1	33,524	0	0
UMB FINANCIAL CORP	COM	902788108	7,441	116,198	SH	SOLE	1	116,198	0	0
UMH PROPERTIES INC	REIT	903002103	303	21,532	SH	SOLE	1	21,532	0	0
UMPQUA HOLDINGS CORP	COM	904214103	7,252	439,501	SH	SOLE	1	439,501	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,392	65,845	SH	SOLE	1	65,845	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,274	67,510	SH	SOLE	1	67,510	0	0

UNIFI INC	COM	904677200	226	11,675	SH	SOLE	1	11,675	0	0
UNIFIRST CORP/MA	COM	904708104	1,773	11,550	SH	SOLE	1	11,550	0	0
UNION BANKSHARES CORP	COM	90539J109	1,588	49,133	SH	SOLE	1	49,133	0	0
UNION BANKSHARES INC /VT	COM	905400107	112	2,483	SH	SOLE	1	2,483	0	0
UNION PACIFIC CORP	COM	907818108	39,255	234,778	SH	SOLE	1	234,778	0	0
UNISYS CORP	COM	909214306	446	38,203	SH	SOLE	1	38,203	0	0
UNIT CORP	COM	909218109	567	39,788	SH	SOLE	1	39,788	0	0
UNITED BANKSHARES INC	COM	909907107	9,593	264,701	SH	SOLE	1	264,701	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,480	59,364	SH	SOLE	1	59,364	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	285	30,442	SH	SOLE	1	30,442	0	0
UNITED CONTINENTAL HOLDINGS	COM	910047109	8,511	106,680	SH	SOLE	1	106,680	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	464	32,346	SH	SOLE	1	32,346	0	0
UNITED FIRE GROUP INC	COM	910340108	696	15,931	SH	SOLE	1	15,931	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	249	15,639	SH	SOLE	1	15,639	0	0
UNITED NATURAL FOODS INC	COM	911163103	513	38,777	SH	SOLE	1	38,777	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	30,256	270,767	SH	SOLE	1	270,767	0	0
UNITED RENTALS INC	COM	911363109	3,531	30,909	SH	SOLE	1	30,909	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	89	8,368	SH	SOLE	1	8,368	0	0
UNITED STATES LIME (PLUS) MINERAL	COM	911922102	98	1,274	SH	SOLE	1	1,274	0	0
UNITED STATES STEEL CORP	COM	912909108	6,735	345,562	SH	SOLE	1	345,562	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	48,763	378,330	SH	SOLE	1	378,330	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	10,387	88,499	SH	SOLE	1	88,499	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	79,861	322,983	SH	SOLE	1	322,983	0	0
UNITI GROUP INC	REIT	91325V108	3,992	356,746	SH	SOLE	1	356,746	0	0
UNITIL CORP	COM	913259107	503	9,286	SH	SOLE	1	9,286	0	0
UNITY BANCORP INC	COM	913290102	93	4,926	SH	SOLE	1	4,926	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	129	15,871	SH	SOLE	1	15,871	0	0
UNIVAR INC	COM	91336L107	189	8,536	SH	SOLE	1	8,536	0	0
UNIVERSAL CORP/VA	COM	913456109	1,078	18,699	SH	SOLE	1	18,699	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	12,965	84,819	SH	SOLE	1	84,819	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	380	10,219	SH	SOLE	1	10,219	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,358	45,422	SH	SOLE	1	45,422	0	0
UNIVERSAL HEALTH RLTY INCOME	REIT	91359E105	732	9,666	SH	SOLE	1	9,666	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,884	29,036	SH	SOLE	1	29,036	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	743	23,963	SH	SOLE	1	23,963	0	0

UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	104	5,302	SH	SOLE	1	5,302	0	0
UNIVERSAL STAINLESS (PLUS) ALLOY	COM	913837100	89	5,350	SH	SOLE	1	5,350	0	0
UNIVEST FINANCIAL CORP	COM	915271100	450	18,394	SH	SOLE	1	18,394	0	0
UNUM GROUP	COM	91529Y106	2,568	75,915	SH	SOLE	1	75,915	0	0
UNUM THERAPEUTICS INC	COM	903214104	54	12,290	SH	SOLE	1	12,290	0	0
UPLAND SOFTWARE INC	COM	91544A109	425	10,029	SH	SOLE	1	10,029	0	0
UPWORK INC	COM	91688F104	154	8,030	SH	SOLE	1	8,030	0	0
URANIUM ENERGY CORP	COM	916896103	156	111,088	SH	SOLE	1	111,088	0	0
URBAN EDGE PROPERTIES	REIT	91704F104	5,621	295,830	SH	SOLE	1	295,830	0	0
URBAN OUTFITTERS INC	COM	917047102	4,467	150,696	SH	SOLE	1	150,696	0	0
URSTADT BIDDLE CLASS A	REIT	917286205	462	22,383	SH	SOLE	1	22,383	0	0
US BANCORP	COM	902973304	32,410	672,551	SH	SOLE	1	672,551	0	0
US CELLULAR CORP	COM	911684108	10	227	SH	SOLE	1	227	0	0
US CONCRETE INC	COM	90333L201	502	12,123	SH	SOLE	1	12,123	0	0
US ECOLOGY INC	COM	91732J102	928	16,576	SH	SOLE	1	16,576	0	0
US FOODS HOLDING CORP	COM	912008109	134	3,848	SH	SOLE	1	3,848	0	0
US SILICA HOLDINGS INC	COM	90346E103	1,017	58,572	SH	SOLE	1	58,572	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	96	14,465	SH	SOLE	1	14,465	0	0
USA TECHNOLOGIES INC	COM	90328S500	151	36,341	SH	SOLE	1	36,341	0	0
USA TRUCK INC	COM	902925106	73	5,049	SH	SOLE	1	5,049	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	678	8,079	SH	SOLE	1	8,079	0	0
USG CORP	COM	903293405	62	1,428	SH	SOLE	1	1,428	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	193	2,191	SH	SOLE	1	2,191	0	0
VAIL RESORTS INC	COM	91879Q109	500	2,299	SH	SOLE	1	2,299	0	0
VALERO ENERGY CORP	COM	91913Y100	15,508	182,807	SH	SOLE	1	182,807	0	0
VALHI INC	COM	918905100	37	16,109	SH	SOLE	1	16,109	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,260	862,227	SH	SOLE	1	862,227	0	0
VALMONT INDUSTRIES	COM	920253101	5,694	43,769	SH	SOLE	1	43,769	0	0
VALUE LINE INC	COM	920437100	17	690	SH	SOLE	1	690	0	0
VALVOLINE INC	COM	92047W101	6,968	375,440	SH	SOLE	1	375,440	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	717	38,949	SH	SOLE	1	38,949	0	0
VAPOTHERM INC	COM	922107107	58	2,961	SH	SOLE	1	2,961	0	0
VAREX IMAGING CORP	COM	92214X106	977	28,837	SH	SOLE	1	28,837	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,927	34,766	SH	SOLE	1	34,766	0	0
VARONIS SYSTEMS INC	COM	922280102	1,074	18,005	SH	SOLE	1	18,005	0	0
VECTOR GROUP LTD	COM	92240M108	705	65,325	SH	SOLE	1	65,325	0	0
VECTRUS INC	COM	92242T101	189	7,112	SH	SOLE	1	7,112	0	0
VEDANTA LTD ADR	ADR	92242Y100	38	3,558	SH	SOLE	1	3,558	0	0
VEECO INSTRUMENTS INC	COM	922417100	389	35,927	SH	SOLE	1	35,927	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	518	4,085	SH	SOLE	1	4,085	0	0

VENTAS INC	REIT	92276F100	9,258	145,081	SH	SOLE	1	145,081	0	0
VERA BRADLEY INC	COM	92335C106	219	16,560	SH	SOLE	1	16,560	0	0
VERACYTE INC	COM	92337F107	451	18,042	SH	SOLE	1	18,042	0	0
VERASTEM INC	COM	92337C104	130	43,817	SH	SOLE	1	43,817	0	0
VEREIT INC	REIT	92339V100	142	16,991	SH	SOLE	1	16,991	0	0
VERICEL CORP	COM	92346J108	487	27,798	SH	SOLE	1	27,798	0	0
VERINT SYSTEMS INC	COM	92343X100	2,465	41,179	SH	SOLE	1	41,179	0	0
VERISIGN INC	COM	92343E102	10,322	56,851	SH	SOLE	1	56,851	0	0
VERISK ANALYTICS INC	COM	92345Y106	9,937	74,712	SH	SOLE	1	74,712	0	0
VERITEX HOLDINGS INC	COM	923451108	811	33,482	SH	SOLE	1	33,482	0	0
VERITIV CORP	COM	923454102	233	8,836	SH	SOLE	1	8,836	0	0
VERITONE INC	COM	92347M100	28	5,414	SH	SOLE	1	5,414	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	483,871	8,183,180	SH	SOLE	1	8,183,180	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	74	6,861	SH	SOLE	1	6,861	0	0
VERSO CORP A	COM	92531L207	471	21,989	SH	SOLE	1	21,989	0	0
VERSUM MATERIALS INC	COM	92532W103	10,981	218,258	SH	SOLE	1	218,258	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	21,390	116,279	SH	SOLE	1	116,279	0	0
VF CORP	COM	918204108	9,776	112,485	SH	SOLE	1	112,485	0	0
VIACOM INC CLASS A	COM	92553P102	6	176	SH	SOLE	1	176	0	0
VIACOM INC CLASS B	COM	92553P201	4,120	146,763	SH	SOLE	1	146,763	0	0
VIAD CORP	COM	92552R406	865	15,361	SH	SOLE	1	15,361	0	0
VIASAT INC	COM	92552V100	11,448	147,716	SH	SOLE	1	147,716	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,128	171,884	SH	SOLE	1	171,884	0	0
VICI PROPERTIES INC	REIT	925652109	155	7,069	SH	SOLE	1	7,069	0	0
VICOR CORP	COM	925815102	405	13,049	SH	SOLE	1	13,049	0	0
VIEWRAY INC	COM	92672L107	298	40,269	SH	SOLE	1	40,269	0	0
VIKING THERAPEUTICS INC	COM	92686J106	387	38,958	SH	SOLE	1	38,958	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	143	5,241	SH	SOLE	1	5,241	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	56	6,933	SH	SOLE	1	6,933	0	0
VIRNETX HOLDING CORP	COM	92823T108	237	37,391	SH	SOLE	1	37,391	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	22	912	SH	SOLE	1	912	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	499	5,112	SH	SOLE	1	5,112	0	0
VIRTUSA CORP	COM	92827P102	1,142	21,375	SH	SOLE	1	21,375	0	0
VISA INC CLASS A SHARES	COM	92826C839	108,143	692,379	SH	SOLE	1	692,379	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	6,390	345,940	SH	SOLE	1	345,940	0	0
VISHAY PRECISION GROUP	COM	92835K103	226	6,593	SH	SOLE	1	6,593	0	0
VISTA OUTDOOR INC	COM	928377100	346	43,196	SH	SOLE	1	43,196	0	0
VISTEON CORP	COM	92839U206	3,803	56,467	SH	SOLE	1	56,467	0	0
VISTRA ENERGY CORP	COM	92840M102	181	6,972	SH	SOLE	1	6,972	0	0
VITAL THERAPIES INC	COM	92847R104	4	19,386	SH	SOLE	1	19,386	0	0



VITAMIN SHOPPE INC	COM	92849E101	13	1,842	SH	SOLE	1	1,842	0	0
VIVINT SOLAR INC	COM	92854Q106	126	25,252	SH	SOLE	1	25,252	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	609	19,244	SH	SOLE	1	19,244	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,677	167,044	SH	SOLE	1	167,044	0	0
VORNADO REALTY TRUST	REIT	929042109	4,315	63,977	SH	SOLE	1	63,977	0	0
VOYA FINANCIAL INC	COM	929089100	504	10,079	SH	SOLE	1	10,079	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	262	13,680	SH	SOLE	1	13,680	0	0
VSE CORP	COM	918284100	175	5,529	SH	SOLE	1	5,529	0	0
VULCAN MATERIALS CO	COM	929160109	6,709	56,667	SH	SOLE	1	56,667	0	0
VUZIX CORP	COM	92921W300	46	15,017	SH	SOLE	1	15,017	0	0
W(PLUS)T OFFSHORE INC	COM	92922P106	409	59,305	SH	SOLE	1	59,305	0	0
WABASH NATIONAL CORP	COM	929566107	559	41,261	SH	SOLE	1	41,261	0	0
WABCO HOLDINGS INC	COM	92927K102	160	1,217	SH	SOLE	1	1,217	0	0
WABTEC CORP	COM	929740108	3,535	47,947	SH	SOLE	1	47,947	0	0
WADDELL (PLUS) REED FINANCIAL A	COM	930059100	981	56,757	SH	SOLE	1	56,757	0	0
WAGeworks INC	COM	930427109	1,132	29,975	SH	SOLE	1	29,975	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	27,823	439,750	SH	SOLE	1	439,750	0	0
WALKER (PLUS) DUNLOP INC	COM	93148P102	1,066	20,931	SH	SOLE	1	20,931	0	0
WALMART INC	COM	931142103	46,734	479,178	SH	SOLE	1	479,178	0	0
WALT DISNEY CO/THE	COM	254687106	78,375	705,893	SH	SOLE	1	705,893	0	0
WARRIOR MET COAL INC	COM	93627C101	837	27,544	SH	SOLE	1	27,544	0	0
WASHINGTON FEDERAL INC	COM	938824109	6,127	212,076	SH	SOLE	1	212,076	0	0
WASHINGTON PRIME GROUP INC	REIT	93964W108	798	141,158	SH	SOLE	1	141,158	0	0
WASHINGTON REIT	REIT	939653101	1,716	60,462	SH	SOLE	1	60,462	0	0
WASHINGTON TRUST BANCORP	COM	940610108	462	9,602	SH	SOLE	1	9,602	0	0
WASTE CONNECTIONS INC	COM	94106B101	328	3,708	SH	SOLE	1	3,708	0	0
WASTE MANAGEMENT INC	COM	94106L109	15,565	149,790	SH	SOLE	1	149,790	0	0
WATERS CORP	COM	941848103	7,670	30,470	SH	SOLE	1	30,470	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	260	15,780	SH	SOLE	1	15,780	0	0
WATSCO INC	COM	942622200	9,201	64,247	SH	SOLE	1	64,247	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,695	20,977	SH	SOLE	1	20,977	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	501	12,889	SH	SOLE	1	12,889	0	0
WAYFAIR INC CLASS A	COM	94419L101	198	1,336	SH	SOLE	1	1,336	0	0
WD 40 CO	COM	929236107	1,751	10,333	SH	SOLE	1	10,333	0	0
WEATHERFORD INTERNATIONAL PL	COM	G48833100	12	17,446	SH	SOLE	1	17,446	0	0
WEBSTER FINANCIAL CORP	COM	947890109	9,326	184,059	SH	SOLE	1	184,059	0	0
WEC ENERGY GROUP INC	COM	92939U106	14,504	183,408	SH	SOLE	1	183,408	0	0
WEIBO CORP SPON ADR	ADR	948596101	49	793	SH	SOLE	1	793	0	0

WEIGHT WATCHERS INTL INC	COM	948626106	2,042	101,364	SH	SOLE	1	101,364	0	0
WEINGARTEN REALTY INVESTORS	REIT	948741103	7,007	238,593	SH	SOLE	1	238,593	0	0
WEIS MARKETS INC	COM	948849104	248	6,089	SH	SOLE	1	6,089	0	0
WELBILT INC	COM	949090104	50	3,037	SH	SOLE	1	3,037	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	8,172	30,296	SH	SOLE	1	30,296	0	0
WELLS FARGO (PLUS) CO	COM	949746101	66,595	1,378,211	SH	SOLE	1	1,378,211	0	0
WELLTOWER INC	REIT	95040Q104	12,007	154,730	SH	SOLE	1	154,730	0	0
WENDY S CO/THE	COM	95058W100	6,512	363,986	SH	SOLE	1	363,986	0	0
WERNER ENTERPRISES INC	COM	950755108	3,965	116,117	SH	SOLE	1	116,117	0	0
WESBANCO INC	COM	950810101	1,325	33,336	SH	SOLE	1	33,336	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	304	34,559	SH	SOLE	1	34,559	0	0
WESCO INTERNATIONAL INC	COM	95082P105	44	822	SH	SOLE	1	822	0	0
WEST BANCORPORATION	COM	95123P106	209	10,130	SH	SOLE	1	10,130	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	16,315	148,050	SH	SOLE	1	148,050	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,211	19,603	SH	SOLE	1	19,603	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	85	2,066	SH	SOLE	1	2,066	0	0
WESTERN ASSET MORTGAGE CAPIT	REIT	95790D105	305	29,832	SH	SOLE	1	29,832	0	0
WESTERN DIGITAL CORP	COM	958102105	341,163	7,098,691	SH	SOLE	1	7,098,691	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	150	16,285	SH	SOLE	1	16,285	0	0
WESTERN UNION CO	COM	959802109	3,766	203,874	SH	SOLE	1	203,874	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	57	833	SH	SOLE	1	833	0	0
WESTROCK CO	COM	96145D105	5,167	134,720	SH	SOLE	1	134,720	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	184	5,218	SH	SOLE	1	5,218	0	0
WEX INC	COM	96208T104	16,546	86,181	SH	SOLE	1	86,181	0	0
WEYCO GROUP INC	COM	962149100	120	3,892	SH	SOLE	1	3,892	0	0
WEYERHAEUSER CO	REIT	962166104	7,734	293,629	SH	SOLE	1	293,629	0	0
WHIRLPOOL CORP	COM	963320106	395,009	2,972,448	SH	SOLE	1	2,972,448	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	49	53	SH	SOLE	1	53	0	0
WHITESTONE REIT	REIT	966084204	349	29,033	SH	SOLE	1	29,033	0	0
WHITING PETROLEUM CORP	COM	966387409	321	12,294	SH	SOLE	1	12,294	0	0
WIDOPENWEST INC	COM	96758W101	172	18,887	SH	SOLE	1	18,887	0	0
WILEY (JOHN) (PLUS) SONS CLASS A	COM	968223206	3,989	90,207	SH	SOLE	1	90,207	0	0
WILLDAN GROUP INC	COM	96924N100	229	6,184	SH	SOLE	1	6,184	0	0
WILLIAM LYON HOMES CL A	COM	552074700	372	24,226	SH	SOLE	1	24,226	0	0
WILLIAMS COS INC	COM	969457100	12,323	429,072	SH	SOLE	1	429,072	0	0
WILLIAMS SONOMA INC	COM	969904101	10,950	194,604	SH	SOLE	1	194,604	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	82	1,923	SH	SOLE	1	1,923	0	0

WILLIS TOWERS WATSON PLC	COM	G96629103	10,356	58,956	SH	SOLE	1	58,956	0	0
WILLSCOT CORP	COM	971375126	273	24,632	SH	SOLE	1	24,632	0	0
WINGSTOP INC	COM	974155103	1,671	21,979	SH	SOLE	1	21,979	0	0
WINMARK CORP	COM	974250102	303	1,609	SH	SOLE	1	1,609	0	0
WINNEBAGO INDUSTRIES	COM	974637100	729	23,393	SH	SOLE	1	23,393	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,588	112,696	SH	SOLE	1	112,696	0	0
WIPRO LTD ADR	ADR	97651M109	59	14,849	SH	SOLE	1	14,849	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	625	88,483	SH	SOLE	1	88,483	0	0
WIX.COM LTD	COM	M98068105	582	4,813	SH	SOLE	1	4,813	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,490	69,686	SH	SOLE	1	69,686	0	0
WOODWARD INC	COM	980745103	13,726	144,655	SH	SOLE	1	144,655	0	0
WORKDAY INC CLASS A	COM	98138H101	2,668	13,836	SH	SOLE	1	13,836	0	0
WORKIVA INC	COM	98139A105	938	18,492	SH	SOLE	1	18,492	0	0
WORLD ACCEPTANCE CORP	COM	981419104	549	4,688	SH	SOLE	1	4,688	0	0
WORLD FUEL SERVICES CORP	COM	981475106	5,071	175,542	SH	SOLE	1	175,542	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	9,886	113,918	SH	SOLE	1	113,918	0	0
WORLDPAY INC CLASS A	COM	981558109	1,024	9,026	SH	SOLE	1	9,026	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,868	103,652	SH	SOLE	1	103,652	0	0
WP CAREY INC	REIT	92936U109	220	2,804	SH	SOLE	1	2,804	0	0
WPX ENERGY INC	COM	98212B103	10,335	788,365	SH	SOLE	1	788,365	0	0
WR BERKLEY CORP	COM	084423102	16,436	194,007	SH	SOLE	1	194,007	0	0
WR GRACE (PLUS) CO	COM	38388F108	113	1,453	SH	SOLE	1	1,453	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,494	79,297	SH	SOLE	1	79,297	0	0
WSFS FINANCIAL CORP	COM	929328102	1,249	32,346	SH	SOLE	1	32,346	0	0
WW GRAINGER INC	COM	384802104	5,413	17,987	SH	SOLE	1	17,987	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	8,736	215,749	SH	SOLE	1	215,749	0	0
WYNDHAM HOTELS (PLUS) RESORTS INC	COM	98311A105	9,789	195,819	SH	SOLE	1	195,819	0	0
WYNN RESORTS LTD	COM	983134107	4,956	41,536	SH	SOLE	1	41,536	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	10	551	SH	SOLE	1	551	0	0
XCEL ENERGY INC	COM	98389B100	11,832	210,503	SH	SOLE	1	210,503	0	0
XENCOR INC	COM	98401F105	925	29,795	SH	SOLE	1	29,795	0	0
XENIA HOTELS (PLUS) RESORTS INC	REIT	984017103	1,865	85,142	SH	SOLE	1	85,142	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	131	13,058	SH	SOLE	1	13,058	0	0
XEROX CORP	COM	984121608	2,510	78,488	SH	SOLE	1	78,488	0	0
XILINX INC	COM	983919101	13,126	103,526	SH	SOLE	1	103,526	0	0
XOMA CORP	COM	98419J206	50	4,059	SH	SOLE	1	4,059	0	0
XPERI CORP	COM	98421B100	856	36,583	SH	SOLE	1	36,583	0	0
XPO LOGISTICS INC	COM	983793100	11,759	218,809	SH	SOLE	1	218,809	0	0
XYLEM INC	COM	98419M100	4,904	62,041	SH	SOLE	1	62,041	0	0

Y MABS THERAPEUTICS INC	COM	984241109	116	4,441 SH	SOLE	1	4,441	0	0
YELP INC	COM	985817105	6,932	200,933 SH	SOLE	1	200,933	0	0
YETI HOLDINGS INC	COM	98585X104	329	10,890 SH	SOLE	1	10,890	0	0
YEXT INC	COM	98585N106	1,187	54,311 SH	SOLE	1	54,311	0	0
YORK WATER CO	COM	987184108	282	8,213 SH	SOLE	1	8,213	0	0
YRC WORLDWIDE INC	COM	984249607	142	21,174 SH	SOLE	1	21,174	0	0
YUM BRANDS INC	COM	988498101	13,510	135,360 SH	SOLE	1	135,360	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	592	13,171 SH	SOLE	1	13,171	0	0
YY INC ADR	ADR	98426T106	64	756 SH	SOLE	1	756	0	0
ZAFGEN INC	COM	98885E103	53	19,439 SH	SOLE	1	19,439	0	0
ZAGG INC	COM	98884U108	155	17,094 SH	SOLE	1	17,094	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	151	5,297 SH	SOLE	1	5,297	0	0
ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	22,574	107,736 SH	SOLE	1	107,736	0	0
ZENDESK INC	COM	98936J101	209	2,457 SH	SOLE	1	2,457	0	0
ZILLOW GROUP INC A	COM	98954M101	41	1,210 SH	SOLE	1	1,210	0	0
ZILLOW GROUP INC C	COM	98954M200	91	2,606 SH	SOLE	1	2,606	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	8,938	69,989 SH	SOLE	1	69,989	0	0
ZION OIL (PLUS) GAS INC	COM	989696109	26	34,759 SH	SOLE	1	34,759	0	0
ZIONS BANCORP NA	COM	989701107	3,362	74,033 SH	SOLE	1	74,033	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	323	83,902 SH	SOLE	1	83,902	0	0
ZIX CORP	COM	98974P100	229	33,322 SH	SOLE	1	33,322	0	0
ZOETIS INC	COM	98978V103	22,347	221,979 SH	SOLE	1	221,979	0	0
ZOGENIX INC	COM	98978L204	1,472	26,763 SH	SOLE	1	26,763	0	0
ZOMEDICA PHARMACEUTICALS COR	COM	98979F107	10	28,131 SH	SOLE	1	28,131	0	0
ZSCALER INC	COM	98980G102	2,750	38,773 SH	SOLE	1	38,773	0	0
ZUMIEZ INC	COM	989817101	350	14,066 SH	SOLE	1	14,066	0	0
ZYNKA INC CL A	COM	98986T108	71	13,401 SH	SOLE	1	13,401	0	0