



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

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

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 13F**

OMB APPROVAL

OMB Number: 3235-0006  
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**FORM 13F INFORMATION TABLE**

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 VALUE (x\$1000)	COLUMN 5			COLUMN 6 INVESTMENT DISCRETION	COLUMN 7 OTHER MANAGER	COLUMN 8		
				SHRS OR SH/	PUT/	CALL			VOTING AUTHORITY		
				PRN	AMT	PRN		SOLE	SHARED	NONE	
1 800 FLOWERS.COM INC CL A	COM	68243Q106	219	17,484	SH		SOLE	1	17,484	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	109	4,781	SH		SOLE	1	4,781	0	0
1ST SOURCE CORP	COM	336901103	546	10,224	SH		SOLE	1	10,224	0	0
22ND CENTURY GROUP INC	COM	90137F103	186	75,697	SH		SOLE	1	75,697	0	0
2U INC	COM	90214J101	109	1,305	SH		SOLE	1	1,305	0	0
3D SYSTEMS CORP	COM	88554D205	1,169	84,681	SH		SOLE	1	84,681	0	0
3M CO	COM	88579Y101	47,123	239,542	SH		SOLE	1	239,542	0	0
8X8 INC	COM	282914100	1,409	70,253	SH		SOLE	1	70,253	0	0
A10 NETWORKS INC	COM	002121101	203	32,560	SH		SOLE	1	32,560	0	0
AAC HOLDINGS INC	COM	000307108	80	8,576	SH		SOLE	1	8,576	0	0
AAON INC	COM	000360206	1,053	31,682	SH		SOLE	1	31,682	0	0
AAR CORP	COM	000361105	1,163	25,006	SH		SOLE	1	25,006	0	0
AARON S INC	COM	002535300	7,357	169,314	SH		SOLE	1	169,314	0	0
ABAXIS INC	COM	002567105	1,412	17,007	SH		SOLE	1	17,007	0	0
ABBOTT LABORATORIES	COM	002824100	44,106	723,175	SH		SOLE	1	723,175	0	0
ABBVIE INC	COM	00287Y109	491,190	5,301,568	SH		SOLE	1	5,301,568	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	321	20,092	SH		SOLE	1	20,092	0	0
ABERCROMBIE & FITCH CO CL A	COM	002896207	1,283	52,409	SH		SOLE	1	52,409	0	0
ABIOMED INC	COM	003654100	5,756	14,071	SH		SOLE	1	14,071	0	0
ABM INDUSTRIES INC	COM	000957100	1,486	50,935	SH		SOLE	1	50,935	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	299	103,568	SH		SOLE	1	103,568	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	621	17,827	SH		SOLE	1	17,827	0	0
ACACIA RESEARCH CORP	COM	003881307	134	32,278	SH		SOLE	1	32,278	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	6,760	165,237	SH		SOLE	1	165,237	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	979	64,119	SH		SOLE	1	64,119	0	0

ACADIA REALTY TRUST	COM	004239109	1,703	62,204	SH	SOLE	1	62,204	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	379	16,982	SH	SOLE	1	16,982	0	0
ACCELERON PHARMA INC	COM	00434H108	1,223	25,210	SH	SOLE	1	25,210	0	0
ACCENTURE PLC CL A	COM	G1151C101	40,391	246,905	SH	SOLE	1	246,905	0	0
ACCESS NATIONAL CORP	COM	004337101	284	9,914	SH	SOLE	1	9,914	0	0
ACCO BRANDS CORP	COM	00081T108	958	69,194	SH	SOLE	1	69,194	0	0
ACCURAY INC	COM	004397105	223	54,481	SH	SOLE	1	54,481	0	0
ACETO CORP	COM	004446100	12	3,664	SH	SOLE	1	3,664	0	0
ACHAOGEN INC	COM	004449104	177	20,452	SH	SOLE	1	20,452	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	251	88,582	SH	SOLE	1	88,582	0	0
ACI WORLDWIDE INC	COM	004498101	7,572	306,922	SH	SOLE	1	306,922	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	348	17,414	SH	SOLE	1	17,414	0	0
ACM RESEARCH INC CLASS A	COM	00108J109	57	5,284	SH	SOLE	1	5,284	0	0
ACNB CORP	COM	000868109	151	4,449	SH	SOLE	1	4,449	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	976	33,997	SH	SOLE	1	33,997	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	23,329	305,671	SH	SOLE	1	305,671	0	0
ACTUANT CORP A	COM	00508X203	1,378	46,942	SH	SOLE	1	46,942	0	0
ACUITY BRANDS INC	COM	00508Y102	9,644	83,235	SH	SOLE	1	83,235	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	552	22,552	SH	SOLE	1	22,552	0	0
ACXIOM CORP	COM	005125109	6,136	204,875	SH	SOLE	1	204,875	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	370	14,311	SH	SOLE	1	14,311	0	0
ADAMS RESOURCES & ENERGY INC	COM	006351308	61	1,409	SH	SOLE	1	1,409	0	0
ADDUS HOMECARE CORP	COM	006739106	284	4,968	SH	SOLE	1	4,968	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	99	11,789	SH	SOLE	1	11,789	0	0
ADIANT PLC	COM	G0084W101	86	1,742	SH	SOLE	1	1,742	0	0
ADMA BIOLOGICS INC	COM	000899104	56	12,322	SH	SOLE	1	12,322	0	0
ADOBE SYSTEMS INC	COM	00724F101	52,883	216,903	SH	SOLE	1	216,903	0	0
ADT INC	COM	00090Q103	17	1,965	SH	SOLE	1	1,965	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	7,653	159,110	SH	SOLE	1	159,110	0	0
ADTRAN INC	COM	00738A106	548	36,910	SH	SOLE	1	36,910	0	0
ADURO BIOTECH INC	COM	00739L101	293	41,792	SH	SOLE	1	41,792	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,630	26,752	SH	SOLE	1	26,752	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,170	47,221	SH	SOLE	1	47,221	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	826	28,937	SH	SOLE	1	28,937	0	0

ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	140	12,290	SH	SOLE	1	12,290	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,756	30,223	SH	SOLE	1	30,223	0	0
ADVANCED MICRO DEVICES	COM	007903107	4,501	300,244	SH	SOLE	1	300,244	0	0
ADVANSIX INC	COM	00773T101	866	23,640	SH	SOLE	1	23,640	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	188	35,467	SH	SOLE	1	35,467	0	0
AECOM	COM	00766T100	10,658	322,667	SH	SOLE	1	322,667	0	0
AEGION CORP	COM	00770F104	637	24,757	SH	SOLE	1	24,757	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	112	10,620	SH	SOLE	1	10,620	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,095	20,216	SH	SOLE	1	20,216	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	1,565	23,175	SH	SOLE	1	23,175	0	0
AEROHIVE NETWORKS INC	COM	007786106	85	21,354	SH	SOLE	1	21,354	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,608	54,517	SH	SOLE	1	54,517	0	0
AEROVIRONMENT INC	COM	008073108	1,168	16,348	SH	SOLE	1	16,348	0	0
AES CORP	COM	00130H105	6,927	516,581	SH	SOLE	1	516,581	0	0
AETNA INC	COM	00817Y108	18,884	102,911	SH	SOLE	1	102,911	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	4,059	27,300	SH	SOLE	1	27,300	0	0
AFLAC INC	COM	001055102	15,815	367,625	SH	SOLE	1	367,625	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	344	18,308	SH	SOLE	1	18,308	0	0
AGCO CORP	COM	001084102	8,069	132,881	SH	SOLE	1	132,881	0	0
AGENUS INC	COM	00847G705	118	52,085	SH	SOLE	1	52,085	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	7,642	123,585	SH	SOLE	1	123,585	0	0
AGILYSYS INC	COM	00847J105	185	11,923	SH	SOLE	1	11,923	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	101	1,204	SH	SOLE	1	1,204	0	0
AGNC INVESTMENT CORP	COM	00123Q104	316	17,011	SH	SOLE	1	17,011	0	0
AGREE REALTY CORP	COM	008492100	1,232	23,347	SH	SOLE	1	23,347	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	144	20,544	SH	SOLE	1	20,544	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	759	28,211	SH	SOLE	1	28,211	0	0
AIR LEASE CORP	COM	00912X302	78	1,848	SH	SOLE	1	1,848	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	12,858	82,563	SH	SOLE	1	82,563	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	859	38,033	SH	SOLE	1	38,033	0	0
AIRCASTLE LTD	COM	G0129K104	640	31,241	SH	SOLE	1	31,241	0	0
AK STEEL HOLDING CORP	COM	001547108	1,054	242,780	SH	SOLE	1	242,780	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,475	61,106	SH	SOLE	1	61,106	0	0

AKCEA THERAPEUTICS INC	COM	00972L107	197	8,307	SH	SOLE	1	8,307	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	328	32,846	SH	SOLE	1	32,846	0	0
AKORN INC	COM	009728106	4,117	248,160	SH	SOLE	1	248,160	0	0
ALAMO GROUP INC	COM	011311107	670	7,415	SH	SOLE	1	7,415	0	0
ALARM.COM HOLDINGS INC	COM	011642105	931	23,062	SH	SOLE	1	23,062	0	0
ALASKA AIR GROUP INC	COM	011659109	2,520	41,731	SH	SOLE	1	41,731	0	0
ALBANY INTL CORP CL A	COM	012348108	1,333	22,161	SH	SOLE	1	22,161	0	0
ALBEMARLE CORP	COM	012653101	3,786	40,132	SH	SOLE	1	40,132	0	0
ALBIREO PHARMA INC	COM	01345P106	211	5,935	SH	SOLE	1	5,935	0	0
ALCOA CORP	COM	013872106	163	3,480	SH	SOLE	1	3,480	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	600	37,955	SH	SOLE	1	37,955	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	82	10,373	SH	SOLE	1	10,373	0	0
ALEXANDER & BALDWIN INC	COM	014491104	4,215	179,369	SH	SOLE	1	179,369	0	0
ALEXANDER S INC	COM	014752109	531	1,387	SH	SOLE	1	1,387	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	4,327	34,296	SH	SOLE	1	34,296	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	12,307	99,131	SH	SOLE	1	99,131	0	0
ALICO INC	COM	016230104	68	2,142	SH	SOLE	1	2,142	0	0
ALIGN TECHNOLOGY INC	COM	016255101	11,777	34,421	SH	SOLE	1	34,421	0	0
ALKERMES PLC	COM	G01767105	322	7,823	SH	SOLE	1	7,823	0	0
ALLEGHANY CORP	COM	017175100	17,922	31,171	SH	SOLE	1	31,171	0	0
Alleghany Corporation	COM	017175100	10	18	SH	SOLE	2	18	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	8,349	332,354	SH	SOLE	1	332,354	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	332	7,668	SH	SOLE	1	7,668	0	0
ALLEGiant TRAVEL CO	COM	01748X102	1,376	9,903	SH	SOLE	1	9,903	0	0
ALLEGION PLC	COM	G0176J109	2,469	31,917	SH	SOLE	1	31,917	0	0
ALLENA PHARMACEUTICALS INC	COM	018119107	98	7,553	SH	SOLE	1	7,553	0	0
ALLERGAN PLC	COM	G0177J108	18,112	108,638	SH	SOLE	1	108,638	0	0
ALLETE INC	COM	018522300	10,513	135,810	SH	SOLE	1	135,810	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	4,008	17,189	SH	SOLE	1	17,189	0	0
ALLIANCE ONE INTERNATIONAL	COM	018772301	87	5,466	SH	SOLE	1	5,466	0	0
ALLIANT ENERGY CORP	COM	018802108	3,321	78,482	SH	SOLE	1	78,482	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	218	4,553	SH	SOLE	1	4,553	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	118	2,919	SH	SOLE	1	2,919	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	5,647	470,563	SH	SOLE	1	470,563	0	0

ALLSTATE CORP	COM	020002101	16,871	184,847	SH	SOLE	1	184,847	0	0
ALLY FINANCIAL INC	COM	02005N100	211	8,026	SH	SOLE	1	8,026	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	299	3,040	SH	SOLE	1	3,040	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	184	12,926	SH	SOLE	1	12,926	0	0
ALPHABET INC CL A	COM	02079K305	145,175	128,566	SH	SOLE	1	128,566	0	0
ALPHABET INC CL C	COM	02079K107	144,741	129,737	SH	SOLE	1	129,737	0	0
ALTA MESA RESOURCES INC	COM	02133L109	426	62,488	SH	SOLE	1	62,488	0	0
ALTAIR ENGINEERING INC A	COM	021369103	555	16,251	SH	SOLE	1	16,251	0	0
ALTERYX INC CLASS A	COM	02156B103	696	18,234	SH	SOLE	1	18,234	0	0
ALTICE USA INC WHEN ISSUED	COM	02156K103	422	24,743	SH	SOLE	1	24,743	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	189	6,496	SH	SOLE	1	6,496	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	813	18,856	SH	SOLE	1	18,856	0	0
ALTRIA GROUP INC	COM	02209S103	446,710	7,866,002	SH	SOLE	1	7,866,002	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	516	26,442	SH	SOLE	1	26,442	0	0
AMAZON.COM INC	COM	023135106	258,521	152,089	SH	SOLE	1	152,089	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	693	34,909	SH	SOLE	1	34,909	0	0
AMBARELLA INC	COM	G037AX101	814	21,094	SH	SOLE	1	21,094	0	0
AMBER ROAD INC	COM	02318Y108	144	15,259	SH	SOLE	1	15,259	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	538	33,861	SH	SOLE	1	33,861	0	0
AMC NETWORKS INC A	COM	00164V103	5,769	92,746	SH	SOLE	1	92,746	0	0
AMDOCS LTD	COM	G02602103	176	2,661	SH	SOLE	1	2,661	0	0
AMEDISYS INC	COM	023436108	1,884	22,045	SH	SOLE	1	22,045	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	215	5,374	SH	SOLE	1	5,374	0	0
AMERCO	COM	023586100	46	130	SH	SOLE	1	130	0	0
AMEREN CORPORATION	COM	023608102	5,026	82,598	SH	SOLE	1	82,598	0	0
AMERESCO INC CL A	COM	02361E108	148	12,326	SH	SOLE	1	12,326	0	0
AMERICA S CAR MART INC	COM	03062T105	238	3,838	SH	SOLE	1	3,838	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	7,122	187,610	SH	SOLE	1	187,610	0	0
American Airlines Group Inc.	COM	02376R102	446	11,757	SH	SOLE	2	11,757	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,150	30,025	SH	SOLE	1	30,025	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	1,314	84,440	SH	SOLE	1	84,440	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	11,796	275,088	SH	SOLE	1	275,088	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	10,222	439,677	SH	SOLE	1	439,677	0	0
AMERICAN ELECTRIC POWER	COM	025537101	10,928	157,807	SH	SOLE	1	157,807	0	0

AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,487	69,090	SH	SOLE	1	69,090	0	0
AMERICAN EXPRESS CO	COM	025816109	28,657	292,422	SH	SOLE	1	292,422	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	14,990	139,661	SH	SOLE	1	139,661	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	107	4,814	SH	SOLE	1	4,814	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	15,250	287,623	SH	SOLE	1	287,623	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	17	138	SH	SOLE	1	138	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	421	35,005	SH	SOLE	1	35,005	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	522	12,390	SH	SOLE	1	12,390	0	0
AMERICAN RAILCAR INDUSTRIES	COM	02916P103	186	4,723	SH	SOLE	1	4,723	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	21	1,348	SH	SOLE	1	1,348	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	134	8,519	SH	SOLE	1	8,519	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	264	18,098	SH	SOLE	1	18,098	0	0
AMERICAN STATES WATER CO	COM	029899101	1,613	28,217	SH	SOLE	1	28,217	0	0
AMERICAN TOWER CORP	COM	03027X100	29,172	202,344	SH	SOLE	1	202,344	0	0
AMERICAN VANGUARD CORP	COM	030371108	501	21,821	SH	SOLE	1	21,821	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,257	73,285	SH	SOLE	1	73,285	0	0
AMERICAN WOODMARK CORP	COM	030506109	997	10,891	SH	SOLE	1	10,891	0	0
AMERICOLD REALTY TRUST	COM	03064D108	754	34,229	SH	SOLE	1	34,229	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	8,917	63,749	SH	SOLE	1	63,749	0	0
AMERIS BANCORP	COM	03076K108	1,644	30,810	SH	SOLE	1	30,810	0	0
AMERISAFE INC	COM	03071H100	851	14,739	SH	SOLE	1	14,739	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,774	55,988	SH	SOLE	1	55,988	0	0
AMES NATIONAL CORP	COM	031001100	173	5,611	SH	SOLE	1	5,611	0	0
AMETEK INC	COM	031100100	5,841	80,948	SH	SOLE	1	80,948	0	0
AMGEN INC	COM	031162100	61,523	333,295	SH	SOLE	1	333,295	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,926	123,320	SH	SOLE	1	123,320	0	0
AMKOR TECHNOLOGY INC	COM	031652100	573	66,683	SH	SOLE	1	66,683	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,136	36,455	SH	SOLE	1	36,455	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	929	56,629	SH	SOLE	1	56,629	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	419	27,433	SH	SOLE	1	27,433	0	0
AMPHENOL CORP CL A	COM	032095101	9,019	103,485	SH	SOLE	1	103,485	0	0



AMPIO PHARMACEUTICALS INC	COM	03209T109	114	51,671	SH	SOLE	1	51,671	0	0
AMTRUST FINANCIAL SERVICES	COM	032359309	1,051	72,132	SH	SOLE	1	72,132	0	0
AMYRIS INC	COM	03236M200	101	15,791	SH	SOLE	1	15,791	0	0
ANADARKO PETROLEUM CORP	COM	032511107	15,101	206,163	SH	SOLE	1	206,163	0	0
ANALOG DEVICES INC	COM	032654105	17,263	179,976	SH	SOLE	1	179,976	0	0
ANAPTYSBIO INC	COM	032724106	859	12,086	SH	SOLE	1	12,086	0	0
ANDEAVOR	COM	03349M105	6,188	47,172	SH	SOLE	1	47,172	0	0
ANDERSONS INC/THE	COM	034164103	714	20,880	SH	SOLE	1	20,880	0	0
ANGIODYNAMICS INC	COM	03475V101	625	28,119	SH	SOLE	1	28,119	0	0
ANHEUSER BUSCH INBEV FIN	COM	035242AN6	1,001	973,000	SH	SOLE	1	973,000	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	420	6,283	SH	SOLE	1	6,283	0	0
ANIKA THERAPEUTICS INC	COM	035255108	357	11,141	SH	SOLE	1	11,141	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,435	22,667	SH	SOLE	1	22,667	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	390	37,863	SH	SOLE	1	37,863	0	0
ANSYS INC	COM	03662Q105	5,688	32,655	SH	SOLE	1	32,655	0	0
ANTARES PHARMA INC	COM	036642106	243	94,049	SH	SOLE	1	94,049	0	0
ANTERO RESOURCES CORP	COM	03674X106	2,075	97,192	SH	SOLE	1	97,192	0	0
ANTHEM INC	COM	036752103	19,090	80,202	SH	SOLE	1	80,202	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	315	63,456	SH	SOLE	1	63,456	0	0
AON PLC	COM	G0408V102	11,520	83,985	SH	SOLE	1	83,985	0	0
APACHE CORP	COM	037411105	7,662	163,886	SH	SOLE	1	163,886	0	0
APARTMENT INVT & MGMT CO A	COM	03748R101	2,222	52,522	SH	SOLE	1	52,522	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	518	23,528	SH	SOLE	1	23,528	0	0
APERGY CORP	COM	03755L104	6,504	155,782	SH	SOLE	1	155,782	0	0
APOGEE ENTERPRISES INC	COM	037598109	1,031	21,394	SH	SOLE	1	21,394	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,713	93,688	SH	SOLE	1	93,688	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	417	16,138	SH	SOLE	1	16,138	0	0
APPFOLIO INC A	COM	03783C100	588	9,615	SH	SOLE	1	9,615	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	72	4,033	SH	SOLE	1	4,033	0	0
APPLE INC	COM	037833100	332,948	1,798,647	SH	SOLE	1	1,798,647	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,067	29,470	SH	SOLE	1	29,470	0	0
APPLIED MATERIALS INC	COM	038222105	20,355	440,670	SH	SOLE	1	440,670	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	654	14,555	SH	SOLE	1	14,555	0	0

APPROACH RESOURCES INC	COM	03834A103	72	29,345	SH	SOLE	1	29,345	0	0
APPTIO INC CLASS A	COM	03835C108	795	21,972	SH	SOLE	1	21,972	0	0
APTARGROUP INC	COM	038336103	11,725	125,558	SH	SOLE	1	125,558	0	0
APTIV PLC	COM	G6095L109	9,689	105,738	SH	SOLE	1	105,738	0	0
AQUA AMERICA INC	COM	03836W103	12,596	358,046	SH	SOLE	1	358,046	0	0
AQUANTIA CORP	COM	03842Q108	160	13,797	SH	SOLE	1	13,797	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	111	7,103	SH	SOLE	1	7,103	0	0
ARAMARK	COM	03852U106	169	4,551	SH	SOLE	1	4,551	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	124	29,092	SH	SOLE	1	29,092	0	0
ARBOR REALTY TRUST INC	COM	038923108	370	35,433	SH	SOLE	1	35,433	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	168	23,002	SH	SOLE	1	23,002	0	0
ARCBEST CORP	COM	03937C105	904	19,778	SH	SOLE	1	19,778	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	608	22,975	SH	SOLE	1	22,975	0	0
ARCH COAL INC A	COM	039380407	980	12,497	SH	SOLE	1	12,497	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,688	189,573	SH	SOLE	1	189,573	0	0
ARCHROCK INC	COM	03957W106	1,179	98,250	SH	SOLE	1	98,250	0	0
ARCONIC INC	COM	03965L100	3,599	211,579	SH	SOLE	1	211,579	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	41	3,366	SH	SOLE	1	3,366	0	0
ARDAGH GROUP SA	COM	L0223L101	6	344	SH	SOLE	1	344	0	0
ARDELYX INC	COM	039697107	81	21,847	SH	SOLE	1	21,847	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	175	21,335	SH	SOLE	1	21,335	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,410	32,340	SH	SOLE	1	32,340	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	241	17,458	SH	SOLE	1	17,458	0	0
ARGAN INC	COM	04010E109	391	9,540	SH	SOLE	1	9,540	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,228	21,122	SH	SOLE	1	21,122	0	0
ARISTA NETWORKS INC	COM	040413106	530	2,060	SH	SOLE	1	2,060	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	185	17,984	SH	SOLE	1	17,984	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	517	34,704	SH	SOLE	1	34,704	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	732	32,098	SH	SOLE	1	32,098	0	0
ARMSTRONG FLOORING INC	COM	04238R106	194	13,853	SH	SOLE	1	13,853	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	69	1,089	SH	SOLE	1	1,089	0	0
ARQULE INC	COM	04269E107	313	56,560	SH	SOLE	1	56,560	0	0
ARRAY BIOPHARMA INC	COM	04269X105	2,229	132,831	SH	SOLE	1	132,831	0	0
ARRIS INTERNATIONAL PLC	COM	G0551A103	8,614	352,375	SH	SOLE	1	352,375	0	0

ARROW ELECTRONICS INC	COM	042735100	13,274	176,334	SH	SOLE	1	176,334	0	0
ARROW FINANCIAL CORP	COM	042744102	281	7,723	SH	SOLE	1	7,723	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	771	56,705	SH	SOLE	1	56,705	0	0
ARSANIS INC	COM	042873109	11	3,024	SH	SOLE	1	3,024	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	200	5,167	SH	SOLE	1	5,167	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	3,962	60,687	SH	SOLE	1	60,687	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	944	31,307	SH	SOLE	1	31,307	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,062	15,491	SH	SOLE	1	15,491	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	536	134,404	SH	SOLE	1	134,404	0	0
ASGN INC	COM	00191U102	3,043	38,914	SH	SOLE	1	38,914	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	448	55,368	SH	SOLE	1	55,368	0	0
ASHFORD INC	COM	044104107	32	497	SH	SOLE	1	497	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	9,819	125,593	SH	SOLE	1	125,593	0	0
ASML HOLDING NV NY REG SHS	COM	N07059210	845	4,269	SH	SOLE	1	4,269	0	0
ASPEN INSURANCE HOLDINGS LTD	COM	G05384105	4,886	120,049	SH	SOLE	1	120,049	0	0
ASPEN TECHNOLOGY INC	COM	045327103	158	1,706	SH	SOLE	1	1,706	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	434	11,060	SH	SOLE	1	11,060	0	0
ASSOCIATED BANC CORP	COM	045487105	9,290	340,311	SH	SOLE	1	340,311	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	66	1,737	SH	SOLE	1	1,737	0	0
ASSURANT INC	COM	04621X108	2,456	23,734	SH	SOLE	1	23,734	0	0
ASSURED GUARANTY LTD	COM	G0585R106	73	2,056	SH	SOLE	1	2,056	0	0
ASTEC INDUSTRIES INC	COM	046224101	1,029	17,207	SH	SOLE	1	17,207	0	0
ASTRONICS CORP	COM	046433108	496	13,780	SH	SOLE	1	13,780	0	0
ASURE SOFTWARE INC	COM	04649U102	103	6,434	SH	SOLE	1	6,434	0	0
AT HOME GROUP INC	COM	04650Y100	678	17,309	SH	SOLE	1	17,309	0	0
AT&T INC	COM	00206R102	488,786	15,222,238	SH	SOLE	1	15,222,238	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	973	26,486	SH	SOLE	1	26,486	0	0
ATHENAHEALTH INC	COM	04685W103	154	967	SH	SOLE	1	967	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	130	2,958	SH	SOLE	1	2,958	0	0
ATHENEX INC	COM	04685N103	512	27,417	SH	SOLE	1	27,417	0	0
ATHERSYS INC	COM	04744L106	146	73,875	SH	SOLE	1	73,875	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	534	25,726	SH	SOLE	1	25,726	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	327	16,623	SH	SOLE	1	16,623	0	0

ATLANTIC POWER CORP	COM	04878Q863	159	72,299	SH	SOLE	1	72,299	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,324	18,472	SH	SOLE	1	18,472	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	139	2,222	SH	SOLE	1	2,222	0	0
ATMOS ENERGY CORP	COM	049560105	20,556	228,040	SH	SOLE	1	228,040	0	0
ATN INTERNATIONAL INC	COM	00215F107	427	8,098	SH	SOLE	1	8,098	0	0
ATRICURE INC	COM	04963C209	591	21,843	SH	SOLE	1	21,843	0	0
ATRION CORPORATION	COM	049904105	556	928	SH	SOLE	1	928	0	0
AUBURN NATL BANCORPORATION	COM	050473107	76	1,540	SH	SOLE	1	1,540	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	797	20,858	SH	SOLE	1	20,858	0	0
AUTODESK INC	COM	052769106	12,442	94,910	SH	SOLE	1	94,910	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	41,380	308,481	SH	SOLE	1	308,481	0	0
AUTONATION INC	COM	05329W102	5,770	118,777	SH	SOLE	1	118,777	0	0
AUTOZONE INC	COM	053332102	6,066	9,041	SH	SOLE	1	9,041	0	0
AV HOMES INC	COM	00234P102	167	7,826	SH	SOLE	1	7,826	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	9,526	55,419	SH	SOLE	1	55,419	0	0
AVANGRID INC	COM	05351W103	55	1,045	SH	SOLE	1	1,045	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,370	68,225	SH	SOLE	1	68,225	0	0
AVEO PHARMACEUTICALS INC	COM	053588109	150	66,213	SH	SOLE	1	66,213	0	0
AVERY DENNISON CORP	COM	053611109	3,367	32,978	SH	SOLE	1	32,978	0	0
AVID BIOSERVICES INC	COM	05368M106	129	33,013	SH	SOLE	1	33,013	0	0
AVID TECHNOLOGY INC	COM	05367P100	93	17,901	SH	SOLE	1	17,901	0	0
AVIS BUDGET GROUP INC	COM	053774105	6,085	187,223	SH	SOLE	1	187,223	0	0
AVISTA CORP	COM	05379B107	2,661	50,531	SH	SOLE	1	50,531	0	0
AVNET INC	COM	053807103	10,184	237,439	SH	SOLE	1	237,439	0	0
AVON PRODUCTS INC	COM	054303102	85	52,552	SH	SOLE	1	52,552	0	0
AVX CORP	COM	002444107	476	30,408	SH	SOLE	1	30,408	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	53	2,564	SH	SOLE	1	2,564	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	297	9,793	SH	SOLE	1	9,793	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	489	24,705	SH	SOLE	1	24,705	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	275	4,951	SH	SOLE	1	4,951	0	0
AXOGEN INC	COM	05463X106	1,091	21,715	SH	SOLE	1	21,715	0	0
AXON ENTERPRISE INC	COM	05464C101	2,596	41,084	SH	SOLE	1	41,084	0	0
AXT INC	COM	00246W103	175	24,785	SH	SOLE	1	24,785	0	0
AZZ INC	COM	002474104	867	19,964	SH	SOLE	1	19,964	0	0
B. RILEY FINANCIAL INC	COM	05580M108	296	13,129	SH	SOLE	1	13,129	0	0

B&G FOODS INC	COM	05508R106	1,517	50,749	SH	SOLE	1	50,749	0	0
BABCOCK & WILCOX ENTERPR	COM	05614L100	50	20,879	SH	SOLE	1	20,879	0	0
BADGER METER INC	COM	056525108	987	22,076	SH	SOLE	1	22,076	0	0
BAIDU INC SPON ADR	ADR	056752108	3,896	16,031	SH	SOLE	1	16,031	0	0
BAKER HUGHES A GE CO	COM	05722G100	5,523	167,215	SH	SOLE	1	167,215	0	0
BALCHEM CORP	COM	057665200	2,426	24,717	SH	SOLE	1	24,717	0	0
BALDWIN & LYONS INC CL B	COM	057755209	152	6,244	SH	SOLE	1	6,244	0	0
BALL CORP	COM	058498106	4,432	124,657	SH	SOLE	1	124,657	0	0
BANC OF CALIFORNIA INC	COM	05990K106	647	33,093	SH	SOLE	1	33,093	0	0
BANCFIRST CORP	COM	05945F103	695	11,744	SH	SOLE	1	11,744	0	0
BANCORP INC/THE	COM	05969A105	344	32,841	SH	SOLE	1	32,841	0	0
BANCORPSOUTH BANK	COM	05971J102	7,444	225,927	SH	SOLE	1	225,927	0	0
BANK OF AMERICA CORP	COM	060505104	87,567	3,106,309	SH	SOLE	1	3,106,309	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	129	10,108	SH	SOLE	1	10,108	0	0
BANK OF HAWAII CORP	COM	062540109	7,095	85,057	SH	SOLE	1	85,057	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	358	4,431	SH	SOLE	1	4,431	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	27,767	514,872	SH	SOLE	1	514,872	0	0
BANK OF NT BUTTERFIELD & SON	COM	G0772R208	1,626	35,575	SH	SOLE	1	35,575	0	0
BANK OF THE OZARKS	COM	063904106	11,008	244,396	SH	SOLE	1	244,396	0	0
BANKFINANCIAL CORP	COM	06643P104	158	8,965	SH	SOLE	1	8,965	0	0
BANKUNITED INC	COM	06652K103	79	1,936	SH	SOLE	1	1,936	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	129	4,024	SH	SOLE	1	4,024	0	0
BANNER CORPORATION	COM	06652V208	1,487	24,734	SH	SOLE	1	24,734	0	0
BAR HARBOR BANKSHARES	COM	066849100	301	9,935	SH	SOLE	1	9,935	0	0
BARCLAYS PLC	COM	06738EAP0	982	1,000,000	SH	SOLE	1	1,000,000	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	166	29,483	SH	SOLE	1	29,483	0	0
BARNES & NOBLE INC	COM	067774109	290	45,600	SH	SOLE	1	45,600	0	0
BARNES GROUP INC	COM	067806109	2,224	37,753	SH	SOLE	1	37,753	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	447	4,628	SH	SOLE	1	4,628	0	0
BASIC ENERGY SERVICES INC	COM	06985P209	139	12,500	SH	SOLE	1	12,500	0	0
BASSETT FURNITURE INDS	COM	070203104	183	6,655	SH	SOLE	1	6,655	0	0
BAXTER INTERNATIONAL INC	COM	071813109	15,597	211,233	SH	SOLE	1	211,233	0	0
BAYCOM CORP	COM	07272M107	165	6,667	SH	SOLE	1	6,667	0	0
BB&T CORP	COM	054937107	19,538	387,345	SH	SOLE	1	387,345	0	0
BBX CAPITAL CORP	COM	05491N104	386	42,759	SH	SOLE	1	42,759	0	0
BCB BANCORP INC	COM	055298103	132	8,828	SH	SOLE	1	8,828	0	0

BCE INC	COM	05534B950	1,782	43,991	SH	SOLE	1	43,991	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,894	44,428	SH	SOLE	1	44,428	0	0
BEASLEY BROADCAST GRP INC A	COM	074014101	35	3,132	SH	SOLE	1	3,132	0	0
BEAZER HOMES USA INC	COM	07556Q881	302	20,481	SH	SOLE	1	20,481	0	0
BECTON DICKINSON AND CO	COM	075887109	19,769	82,522	SH	SOLE	1	82,522	0	0
BED BATH & BEYOND INC	COM	075896100	7,310	366,886	SH	SOLE	1	366,886	0	0
BEL FUSE INC CL B	COM	077347300	156	7,457	SH	SOLE	1	7,457	0	0
BELDEN INC	COM	077454106	6,564	107,389	SH	SOLE	1	107,389	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	192	25,949	SH	SOLE	1	25,949	0	0
BELMOND LTD CLASS A	COM	G1154H107	762	68,367	SH	SOLE	1	68,367	0	0
BEMIS COMPANY	COM	081437105	7,728	183,095	SH	SOLE	1	183,095	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	1,071	36,733	SH	SOLE	1	36,733	0	0
BENEFICIAL BANCORP INC	COM	08171T102	720	44,461	SH	SOLE	1	44,461	0	0
BENEFITFOCUS INC	COM	08180D106	435	12,961	SH	SOLE	1	12,961	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	136,806	732,953	SH	SOLE	1	732,953	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,255	30,912	SH	SOLE	1	30,912	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	130	2,819	SH	SOLE	1	2,819	0	0
BEST BUY CO INC	COM	086516101	8,308	111,397	SH	SOLE	1	111,397	0	0
BG STAFFING INC	COM	05544A109	104	4,493	SH	SOLE	1	4,493	0	0
BGC PARTNERS INC CL A	COM	05541T101	55	4,876	SH	SOLE	1	4,876	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	118	15,474	SH	SOLE	1	15,474	0	0
BIG LOTS INC	COM	089302103	4,658	111,479	SH	SOLE	1	111,479	0	0
BIGLARI HOLDINGS INC	COM	08986R101	0	0	SH	SOLE	1	0	0	0
BIGLARI HOLDINGS INC A	COM	08986R408	58	61	SH	SOLE	1	61	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	113	614	SH	SOLE	1	614	0	0
BIO RAD LABORATORIES A	COM	090572207	11,767	40,782	SH	SOLE	1	40,782	0	0
BIO TECHNE CORP	COM	09073M104	11,218	75,822	SH	SOLE	1	75,822	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	368	64,154	SH	SOLE	1	64,154	0	0
BIOGEN INC	COM	09062X103	27,772	95,686	SH	SOLE	1	95,686	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	704	17,808	SH	SOLE	1	17,808	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,647	17,483	SH	SOLE	1	17,483	0	0
BIOSCRIP INC	COM	09069N108	242	82,438	SH	SOLE	1	82,438	0	0

BIOSPECIFICS TECHNOLOGIES	COM	090931106	166	3,707	SH	SOLE	1	3,707	0	0
BIOTELEMETRY INC	COM	090672106	1,118	24,854	SH	SOLE	1	24,854	0	0
BIOTIME INC	COM	09066L105	120	58,338	SH	SOLE	1	58,338	0	0
BJ S RESTAURANTS INC	COM	09180C106	928	15,467	SH	SOLE	1	15,467	0	0
BLACK HILLS CORP	COM	092113109	8,678	141,776	SH	SOLE	1	141,776	0	0
BLACK KNIGHT INC	COM	09215C105	184	3,434	SH	SOLE	1	3,434	0	0
BLACKBAUD INC	COM	09227Q100	13,135	128,207	SH	SOLE	1	128,207	0	0
BLACKLINE INC	COM	09239B109	917	21,114	SH	SOLE	1	21,114	0	0
BLACKROCK INC	COM	09247X101	25,879	51,857	SH	SOLE	1	51,857	0	0
BLACKSTONE MORTGAGE TRU CL A	COM	09257W100	2,094	66,616	SH	SOLE	1	66,616	0	0
BLOOMIN BRANDS INC	COM	094235108	1,097	54,599	SH	SOLE	1	54,599	0	0
BLUCORA INC	COM	095229100	1,338	36,167	SH	SOLE	1	36,167	0	0
BLUE BIRD CORP	COM	095306106	212	9,498	SH	SOLE	1	9,498	0	0
BLUE HILLS BANCORP INC	COM	095573101	333	14,983	SH	SOLE	1	14,983	0	0
BLUEBIRD BIO INC	COM	09609G100	176	1,124	SH	SOLE	1	1,124	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	116	4,857	SH	SOLE	1	4,857	0	0
BLUELINX HOLDINGS INC	COM	09624H208	218	5,804	SH	SOLE	1	5,804	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,710	26,937	SH	SOLE	1	26,937	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	139	15,571	SH	SOLE	1	15,571	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	916	43,921	SH	SOLE	1	43,921	0	0
BOEING CO/THE	COM	097023105	58,052	173,026	SH	SOLE	1	173,026	0	0
BOFI HOLDING INC	COM	05566U108	1,846	45,114	SH	SOLE	1	45,114	0	0
BOINGO WIRELESS INC	COM	09739C102	597	26,440	SH	SOLE	1	26,440	0	0
BOISE CASCADE CO	COM	09739D100	1,339	29,959	SH	SOLE	1	29,959	0	0
BOJANGLES INC	COM	097488100	163	11,345	SH	SOLE	1	11,345	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	45	483	SH	SOLE	1	483	0	0
BONANZA CREEK ENERGY INC	COM	097793400	465	12,281	SH	SOLE	1	12,281	0	0
BOOKING HOLDINGS INC	COM	09857L108	41,300	20,374	SH	SOLE	1	20,374	0	0
BOOT BARN HOLDINGS INC	COM	099406100	261	12,598	SH	SOLE	1	12,598	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	148	3,387	SH	SOLE	1	3,387	0	0
BORGWARNER INC	COM	099724106	4,212	97,597	SH	SOLE	1	97,597	0	0
BOSTON BEER COMPANY INC A	COM	100557107	6,869	22,920	SH	SOLE	1	22,920	0	0
BOSTON OMAHA CORP CL A	COM	101044105	69	3,289	SH	SOLE	1	3,289	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	1,023	64,313	SH	SOLE	1	64,313	0	0
BOSTON PROPERTIES INC	COM	101121101	7,180	57,251	SH	SOLE	1	57,251	0	0

BOSTON SCIENTIFIC CORP	COM	101137107	13,935	426,138	SH	SOLE	1	426,138	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,514	30,378	SH	SOLE	1	30,378	0	0
BOX INC CLASS A	COM	10316T104	2,072	82,918	SH	SOLE	1	82,918	0	0
BOYD GAMING CORP	COM	103304101	7,538	217,484	SH	SOLE	1	217,484	0	0
BRADY CORPORATION CL A	COM	104674106	2,473	64,160	SH	SOLE	1	64,160	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	218	19,061	SH	SOLE	1	19,061	0	0
BRANDYWINE REALTY TRUST	COM	105368203	55	3,270	SH	SOLE	1	3,270	0	0
BRIDGE BANCORP INC	COM	108035106	389	10,812	SH	SOLE	1	10,812	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	41	3,210	SH	SOLE	1	3,210	0	0
BRIGGS & STRATTON	COM	109043109	566	32,118	SH	SOLE	1	32,118	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	137	1,333	SH	SOLE	1	1,333	0	0
BRIGHTCOVE	COM	10921T101	220	22,789	SH	SOLE	1	22,789	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	1,320	32,937	SH	SOLE	1	32,937	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	G1644T109	759	53,209	SH	SOLE	1	53,209	0	0
BRINK S CO/THE	COM	109696104	10,708	134,267	SH	SOLE	1	134,267	0	0
BRINKER INTERNATIONAL INC	COM	109641100	5,524	116,041	SH	SOLE	1	116,041	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	30,089	543,705	SH	SOLE	1	543,705	0	0
BRISTOW GROUP INC	COM	110394103	353	25,048	SH	SOLE	1	25,048	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	329	18,868	SH	SOLE	1	18,868	0	0
BROADCOM INC	COM	11135F101	41,956	172,913	SH	SOLE	1	172,913	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,841	42,059	SH	SOLE	1	42,059	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	1,107	121,820	SH	SOLE	1	121,820	0	0
BROOKLINE BANCORP INC	COM	11373M107	1,135	61,043	SH	SOLE	1	61,043	0	0
BROOKS AUTOMATION INC	COM	114340102	1,751	53,681	SH	SOLE	1	53,681	0	0
BROWN & BROWN INC	COM	115236101	12,798	461,539	SH	SOLE	1	461,539	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	61	1,241	SH	SOLE	1	1,241	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,349	88,732	SH	SOLE	1	88,732	0	0
BRT APARTMENTS CORP	COM	055645303	69	5,380	SH	SOLE	1	5,380	0	0
BRUKER CORP	COM	116794108	61	2,095	SH	SOLE	1	2,095	0	0
BRUNSWICK CORP	COM	117043109	11,314	175,470	SH	SOLE	1	175,470	0	0
BRYN MAWR BANK CORP	COM	117665109	601	12,991	SH	SOLE	1	12,991	0	0
BSB BANCORP INC/MA	COM	05573H108	189	5,487	SH	SOLE	1	5,487	0	0
BUCKLE INC/THE	COM	118440106	596	22,153	SH	SOLE	1	22,153	0	0



BUILDERS FIRSTSOURCE INC	COM	12008R107	1,347	73,639	SH	SOLE	1	73,639	0	0
BUNGE LTD	COM	G16962105	183	2,622	SH	SOLE	1	2,622	0	0
BURLINGTON STORES INC	COM	122017106	243	1,613	SH	SOLE	1	1,613	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	163	6,186	SH	SOLE	1	6,186	0	0
BWX TECHNOLOGIES INC	COM	05605H100	150	2,406	SH	SOLE	1	2,406	0	0
BYLINE BANCORP INC	COM	124411109	237	10,618	SH	SOLE	1	10,618	0	0
C & F FINANCIAL CORP	COM	12466Q104	135	2,159	SH	SOLE	1	2,159	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	4,359	52,099	SH	SOLE	1	52,099	0	0
C&J ENERGY SERVICES INC	COM	12674R100	1,171	49,600	SH	SOLE	1	49,600	0	0
CA INC	COM	12673P105	19,990	560,717	SH	SOLE	1	560,717	0	0
CABLE ONE INC	COM	12685J105	6,942	9,467	SH	SOLE	1	9,467	0	0
CABOT CORP	COM	127055101	7,684	124,399	SH	SOLE	1	124,399	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	2,114	19,652	SH	SOLE	1	19,652	0	0
CABOT OIL & GAS CORP	COM	127097103	4,240	178,152	SH	SOLE	1	178,152	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	3,193	18,944	SH	SOLE	1	18,944	0	0
CACTUS INC A	COM	127203107	588	17,392	SH	SOLE	1	17,392	0	0
CADENCE BANCORP	COM	12739A100	886	30,690	SH	SOLE	1	30,690	0	0
CADENCE DESIGN SYS INC	COM	127387108	4,760	109,915	SH	SOLE	1	109,915	0	0
CADIZ INC	COM	127537207	185	14,109	SH	SOLE	1	14,109	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	118	11,061	SH	SOLE	1	11,061	0	0
CAESARSTONE LTD	COM	M20598104	226	14,935	SH	SOLE	1	14,935	0	0
CAI INTERNATIONAL INC	COM	12477X106	277	11,906	SH	SOLE	1	11,906	0	0
CAL MAINE FOODS INC	COM	128030202	1,095	23,872	SH	SOLE	1	23,872	0	0
CALAMP CORP	COM	128126109	631	26,933	SH	SOLE	1	26,933	0	0
CALAVO GROWERS INC	COM	128246105	1,174	12,210	SH	SOLE	1	12,210	0	0
CALERES INC	COM	129500104	1,120	32,566	SH	SOLE	1	32,566	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	1,338	29,444	SH	SOLE	1	29,444	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,442	37,015	SH	SOLE	1	37,015	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	101	20,239	SH	SOLE	1	20,239	0	0
CALIX INC	COM	13100M509	223	28,530	SH	SOLE	1	28,530	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,375	72,467	SH	SOLE	1	72,467	0	0
CALLON PETROLEUM CO	COM	13123X102	6,374	593,490	SH	SOLE	1	593,490	0	0
CALYXT INC	COM	13173L107	63	3,356	SH	SOLE	1	3,356	0	0
CAMBIUM LEARNING GROUP INC	COM	13201A107	105	9,433	SH	SOLE	1	9,433	0	0

CAMBREX CORP	COM	132011107	1,327	25,364	SH	SOLE	1	25,364	0	0
CAMBRIDGE BANCORP	COM	132152109	208	2,405	SH	SOLE	1	2,405	0	0
CAMDEN NATIONAL CORP	COM	133034108	458	10,029	SH	SOLE	1	10,029	0	0
CAMDEN PROPERTY TRUST	COM	133131102	17,009	186,646	SH	SOLE	1	186,646	0	0
CAMPBELL SOUP CO	COM	134429109	16,007	394,838	SH	SOLE	1	394,838	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	528	21,120	SH	SOLE	1	21,120	0	0
CANNAE HOLDINGS INC	COM	13765N107	822	44,300	SH	SOLE	1	44,300	0	0
CANTEL MEDICAL CORP	COM	138098108	7,041	71,583	SH	SOLE	1	71,583	0	0
CAPELLA EDUCATION CO	COM	139594105	881	8,923	SH	SOLE	1	8,923	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	176	7,442	SH	SOLE	1	7,442	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	20,356	221,502	SH	SOLE	1	221,502	0	0
CAPITAL SENIOR LIVING CORP	COM	140475104	171	16,030	SH	SOLE	1	16,030	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,105	83,962	SH	SOLE	1	83,962	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	94	5,059	SH	SOLE	1	5,059	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	635	70,960	SH	SOLE	1	70,960	0	0
CARA THERAPEUTICS INC	COM	140755109	338	17,661	SH	SOLE	1	17,661	0	0
CARBO CERAMICS INC	COM	140781105	146	15,908	SH	SOLE	1	15,908	0	0
CARBON BLACK INC	COM	14081R103	137	5,260	SH	SOLE	1	5,260	0	0
CARBONITE INC	COM	141337105	607	17,384	SH	SOLE	1	17,384	0	0
CARDINAL HEALTH INC	COM	14149Y108	370,589	7,589,370	SH	SOLE	1	7,589,370	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	684	21,151	SH	SOLE	1	21,151	0	0
CARDLYTICS INC	COM	14161W105	80	3,686	SH	SOLE	1	3,686	0	0
CARDTRONICS PLC A	COM	G1991C105	757	31,317	SH	SOLE	1	31,317	0	0
CARE.COM INC	COM	141633107	265	12,693	SH	SOLE	1	12,693	0	0
CAREDX INC	COM	14167L103	258	21,061	SH	SOLE	1	21,061	0	0
CAREER EDUCATION CORP	COM	141665109	843	52,151	SH	SOLE	1	52,151	0	0
CARETRUST REIT INC	COM	14174T107	973	58,299	SH	SOLE	1	58,299	0	0
CARGURUS INC	COM	141788109	1,113	32,038	SH	SOLE	1	32,038	0	0
CARLISLE COS INC	COM	142339100	13,283	122,638	SH	SOLE	1	122,638	0	0
CARMAX INC	COM	143130102	4,886	67,046	SH	SOLE	1	67,046	0	0
CARNIVAL CORP	COM	143658300	7,334	127,963	SH	SOLE	1	127,963	0	0
CAROLINA FINANCIAL CORP	COM	143873107	547	12,752	SH	SOLE	1	12,752	0	0
CARPENTER TECHNOLOGY	COM	144285103	6,517	123,974	SH	SOLE	1	123,974	0	0
CARRIAGE SERVICES INC	COM	143905107	240	9,756	SH	SOLE	1	9,756	0	0
CARRIZO OIL & GAS INC	COM	144577103	1,679	60,303	SH	SOLE	1	60,303	0	0

CARROLS RESTAURANT GROUP INC	COM	14574X104	336	22,633	SH	SOLE	1	22,633	0	0
CARS.COM INC	COM	14575E105	5,411	190,592	SH	SOLE	1	190,592	0	0
CARTER S INC	COM	146229109	10,267	94,719	SH	SOLE	1	94,719	0	0
CARVANA CO	COM	146869102	772	18,553	SH	SOLE	1	18,553	0	0
CASA SYSTEMS INC	COM	14713L102	154	9,446	SH	SOLE	1	9,446	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	665	25,972	SH	SOLE	1	25,972	0	0
CASEY S GENERAL STORES INC	COM	147528103	7,938	75,541	SH	SOLE	1	75,541	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	268	32,509	SH	SOLE	1	32,509	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	536	7,788	SH	SOLE	1	7,788	0	0
CASTLE BRANDS INC	COM	148435100	70	59,242	SH	SOLE	1	59,242	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	213	50,153	SH	SOLE	1	50,153	0	0
CATALENT INC	COM	148806102	11,251	268,587	SH	SOLE	1	268,587	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	90	7,741	SH	SOLE	1	7,741	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	196	62,838	SH	SOLE	1	62,838	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	407	32,000	SH	SOLE	1	32,000	0	0
CATERPILLAR INC	COM	149123101	32,585	240,182	SH	SOLE	1	240,182	0	0
CATHAY GENERAL BANCORP	COM	149150104	8,206	202,679	SH	SOLE	1	202,679	0	0
CATO CORP CLASS A	COM	149205106	427	17,324	SH	SOLE	1	17,324	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,367	6,585	SH	SOLE	1	6,585	0	0
CAVIUM INC	COM	14964U108	142	1,644	SH	SOLE	1	1,644	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	105	3,043	SH	SOLE	1	3,043	0	0
CBIZ INC	COM	124805102	773	33,619	SH	SOLE	1	33,619	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	729	130,891	SH	SOLE	1	130,891	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,892	37,399	SH	SOLE	1	37,399	0	0
CBRE GROUP INC A	COM	12504L109	6,122	128,246	SH	SOLE	1	128,246	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	8,020	142,651	SH	SOLE	1	142,651	0	0
CBTX INC	COM	12481V104	401	12,142	SH	SOLE	1	12,142	0	0
CDK GLOBAL INC	COM	12508E101	16,254	249,865	SH	SOLE	1	249,865	0	0
CDW CORP/DE	COM	12514G108	652	8,076	SH	SOLE	1	8,076	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	121	19,762	SH	SOLE	1	19,762	0	0
CEDAR REALTY TRUST INC	COM	150602209	316	66,991	SH	SOLE	1	66,991	0	0
CELANESE CORP SERIES A	COM	150870103	917	8,253	SH	SOLE	1	8,253	0	0
CELCUITY INC	COM	15102K100	94	3,786	SH	SOLE	1	3,786	0	0
CELGENE CORP	COM	151020104	25,004	314,838	SH	SOLE	1	314,838	0	0

CELLULAR BIOMEDICINE GROUP I	COM	15117P102	148	7,559	SH	SOLE	1	7,559	0	0
CELSIUS HOLDINGS INC	COM	15118V207	68	14,881	SH	SOLE	1	14,881	0	0
CENTENE CORP	COM	15135B101	9,408	76,357	SH	SOLE	1	76,357	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	62	3,408	SH	SOLE	1	3,408	0	0
CENTERPOINT ENERGY INC	COM	15189T107	7,085	255,685	SH	SOLE	1	255,685	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,606	53,847	SH	SOLE	1	53,847	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	233	56,141	SH	SOLE	1	56,141	0	0
CENTRAL GARDEN & PET CO	COM	153527106	348	7,995	SH	SOLE	1	7,995	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,110	27,435	SH	SOLE	1	27,435	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	637	22,251	SH	SOLE	1	22,251	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	159	7,508	SH	SOLE	1	7,508	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	606	38,483	SH	SOLE	1	38,483	0	0
CENTURY BANCORP INC CL A	COM	156432106	143	1,869	SH	SOLE	1	1,869	0	0
CENTURY CASINOS INC	COM	156492100	154	17,606	SH	SOLE	1	17,606	0	0
CENTURY COMMUNITIES INC	COM	156504300	529	16,778	SH	SOLE	1	16,778	0	0
CENTURYLINK INC	COM	156700106	8,609	461,867	SH	SOLE	1	461,867	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	19	571	SH	SOLE	1	571	0	0
CERNER CORP	COM	156782104	8,909	149,003	SH	SOLE	1	149,003	0	0
CERUS CORP	COM	157085101	563	84,351	SH	SOLE	1	84,351	0	0
CEVA INC	COM	157210105	514	17,018	SH	SOLE	1	17,018	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	4,284	96,486	SH	SOLE	1	96,486	0	0
CHANNELADVISOR CORP	COM	159179100	238	16,908	SH	SOLE	1	16,908	0	0
CHARLES RIVER LABORATORIES	COM	159864107	10,845	96,607	SH	SOLE	1	96,607	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,465	23,759	SH	SOLE	1	23,759	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	20,748	70,763	SH	SOLE	1	70,763	0	0
CHARTER FINANCIAL CORP	COM	16122W108	192	7,963	SH	SOLE	1	7,963	0	0
CHASE CORP	COM	16150R104	553	4,720	SH	SOLE	1	4,720	0	0
CHATHAM LODGING TRUST	COM	16208T102	741	34,938	SH	SOLE	1	34,938	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,656	27,192	SH	SOLE	1	27,192	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	6,213	112,834	SH	SOLE	1	112,834	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	404	14,164	SH	SOLE	1	14,164	0	0
CHEGG INC	COM	163092109	1,927	69,357	SH	SOLE	1	69,357	0	0

CHEMED CORP	COM	16359R103	10,348	32,156	SH	SOLE	1	32,156	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	10,509	188,772	SH	SOLE	1	188,772	0	0
CHEMOCENTRYX INC	COM	16383L106	188	14,278	SH	SOLE	1	14,278	0	0
CHEMOURS CO/THE	COM	163851108	15,928	359,064	SH	SOLE	1	359,064	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	107	2,134	SH	SOLE	1	2,134	0	0
CHENIERE ENERGY INC	COM	16411R208	577	8,858	SH	SOLE	1	8,858	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	148	8,298	SH	SOLE	1	8,298	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	9,615	1,834,916	SH	SOLE	1	1,834,916	0	0
CHESAPEAKE LODGING TRUST	COM	165240102	1,450	45,840	SH	SOLE	1	45,840	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	824	10,308	SH	SOLE	1	10,308	0	0
CHEVRON CORP	COM	166764100	591,411	4,677,777	SH	SOLE	1	4,677,777	0	0
CHICO S FAS INC	COM	168615102	803	98,662	SH	SOLE	1	98,662	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,498	12,397	SH	SOLE	1	12,397	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	63	3,468	SH	SOLE	1	3,468	0	0
CHIMERIX INC	COM	16934W106	137	28,711	SH	SOLE	1	28,711	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	4,063	9,419	SH	SOLE	1	9,419	0	0
CHOICE HOTELS INTL INC	COM	169905106	63	838	SH	SOLE	1	838	0	0
CHROMADEX CORP	COM	171077407	93	25,072	SH	SOLE	1	25,072	0	0
CHUBB LTD	COM	H1467J104	27,495	216,464	SH	SOLE	1	216,464	0	0
CHURCH & DWIGHT CO INC	COM	171340102	4,705	88,501	SH	SOLE	1	88,501	0	0
CHURCHILL DOWNS INC	COM	171484108	9,000	30,353	SH	SOLE	1	30,353	0	0
CHUY S HOLDINGS INC	COM	171604101	397	12,920	SH	SOLE	1	12,920	0	0
CIENA CORP	COM	171779309	10,058	379,392	SH	SOLE	1	379,392	0	0
CIGNA CORP	COM	125509109	12,769	75,131	SH	SOLE	1	75,131	0	0
CIMAREX ENERGY CO	COM	171798101	5,806	57,064	SH	SOLE	1	57,064	0	0
CIMPRESS NV	COM	N20146101	2,081	14,353	SH	SOLE	1	14,353	0	0
CINCINNATI BELL INC	COM	171871502	508	32,386	SH	SOLE	1	32,386	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,235	63,334	SH	SOLE	1	63,334	0	0
CINEMARK HOLDINGS INC	COM	17243V102	8,168	232,838	SH	SOLE	1	232,838	0	0
CINTAS CORP	COM	172908105	9,050	48,900	SH	SOLE	1	48,900	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	464	12,549	SH	SOLE	1	12,549	0	0
CIRRUS LOGIC INC	COM	172755100	6,250	163,061	SH	SOLE	1	163,061	0	0
CISCO SYSTEMS INC	COM	17275R102	681,043	15,827,160	SH	SOLE	1	15,827,160	0	0
CISION LTD	COM	G1992S109	381	25,507	SH	SOLE	1	25,507	0	0
CIT GROUP INC	COM	125581801	413	8,184	SH	SOLE	1	8,184	0	0
CITI TRENDS INC	COM	17306X102	227	8,282	SH	SOLE	1	8,282	0	0

CITIGROUP INC	COM	172967424	54,675	817,014	SH	SOLE	1	817,014	0	0
CITIZENS & NORTHERN CORP	COM	172922106	200	7,724	SH	SOLE	1	7,724	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,779	199,987	SH	SOLE	1	199,987	0	0
CITIZENS INC	COM	174740100	251	32,237	SH	SOLE	1	32,237	0	0
CITRIX SYSTEMS INC	COM	177376100	6,156	58,716	SH	SOLE	1	58,716	0	0
CITY HOLDING CO	COM	177835105	874	11,612	SH	SOLE	1	11,612	0	0
CITY OFFICE REIT INC	COM	178587101	297	23,119	SH	SOLE	1	23,119	0	0
CIVISTA BANCSHARES INC	COM	178867107	159	6,550	SH	SOLE	1	6,550	0	0
CIVITAS SOLUTIONS INC	COM	17887R102	174	10,594	SH	SOLE	1	10,594	0	0
CLARUS CORP	COM	18270P109	114	13,808	SH	SOLE	1	13,808	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	330	89,392	SH	SOLE	1	89,392	0	0
CLEAN HARBORS INC	COM	184496107	5,717	102,918	SH	SOLE	1	102,918	0	0
CLEAR CHANNEL OUTDOOR CL A	COM	18451C109	104	24,148	SH	SOLE	1	24,148	0	0
CLEARFIELD INC	COM	18482P103	82	7,398	SH	SOLE	1	7,398	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	195	18,213	SH	SOLE	1	18,213	0	0
CLEARWATER PAPER CORP	COM	18538R103	288	12,486	SH	SOLE	1	12,486	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,636	194,031	SH	SOLE	1	194,031	0	0
CLIPPER REALTY INC	COM	18885T306	83	9,684	SH	SOLE	1	9,684	0	0
CLOROX COMPANY	COM	189054109	19,461	143,890	SH	SOLE	1	143,890	0	0
CLOUD PEAK ENERGY INC	COM	18911Q102	200	57,271	SH	SOLE	1	57,271	0	0
CLOUDERA INC	COM	18914U100	919	67,351	SH	SOLE	1	67,351	0	0
CLOVIS ONCOLOGY INC	COM	189464100	1,410	31,018	SH	SOLE	1	31,018	0	0
CME GROUP INC	COM	12572Q105	22,951	140,014	SH	SOLE	1	140,014	0	0
CMS ENERGY CORP	COM	125896100	7,590	160,527	SH	SOLE	1	160,527	0	0
CNA FINANCIAL CORP	COM	126117100	2,222	48,652	SH	SOLE	1	48,652	0	0
CNB FINANCIAL CORP/PA	COM	126128107	284	9,463	SH	SOLE	1	9,463	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	8,427	442,610	SH	SOLE	1	442,610	0	0
CNX RESOURCES CORP	COM	12653C108	7,024	395,059	SH	SOLE	1	395,059	0	0
COBIZ FINANCIAL INC	COM	190897108	542	25,250	SH	SOLE	1	25,250	0	0
COCA COLA BOTTLING CO CONSOL	COM	191098102	488	3,615	SH	SOLE	1	3,615	0	0
COCA COLA CO/THE	COM	191216100	503,914	11,489,147	SH	SOLE	1	11,489,147	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,054	25,938	SH	SOLE	1	25,938	0	0
CODEXIS INC	COM	192005106	478	33,172	SH	SOLE	1	33,172	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	173	5,650	SH	SOLE	1	5,650	0	0
COEUR MINING INC	COM	192108504	919	120,864	SH	SOLE	1	120,864	0	0

COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,722	32,246	SH	SOLE	1	32,246	0	0
COGNEX CORP	COM	192422103	15,765	353,405	SH	SOLE	1	353,405	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	19,407	245,684	SH	SOLE	1	245,684	0	0
COHBAR INC	COM	19249J109	95	14,538	SH	SOLE	1	14,538	0	0
COHEN & STEERS INC	COM	19247A100	606	14,537	SH	SOLE	1	14,537	0	0
COHERENT INC	COM	192479103	7,845	50,156	SH	SOLE	1	50,156	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	427	30,497	SH	SOLE	1	30,497	0	0
COHU INC	COM	192576106	536	21,862	SH	SOLE	1	21,862	0	0
COLFAX CORP	COM	194014106	51	1,660	SH	SOLE	1	1,660	0	0
COLGATE PALMOLIVE CO	COM	194162103	24,737	381,678	SH	SOLE	1	381,678	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	456	19,118	SH	SOLE	1	19,118	0	0
COLONY CAPITAL INC	COM	19626G108	57	9,214	SH	SOLE	1	9,214	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	1,134	54,722	SH	SOLE	1	54,722	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,305	56,352	SH	SOLE	1	56,352	0	0
COLUMBIA FINANCIAL INC	COM	197641103	536	32,367	SH	SOLE	1	32,367	0	0
COLUMBIA PROPERTY TRUST INC	COM	198287203	50	2,203	SH	SOLE	1	2,203	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	54	591	SH	SOLE	1	591	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	624	14,392	SH	SOLE	1	14,392	0	0
COMCAST CORP CLASS A	COM	20030N101	76,754	2,339,360	SH	SOLE	1	2,339,360	0	0
COMERICA INC	COM	200340107	6,826	75,081	SH	SOLE	1	75,081	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,296	28,291	SH	SOLE	1	28,291	0	0
COMMERCE BANCSHARES INC	COM	200525103	12,218	188,817	SH	SOLE	1	188,817	0	0
COMMERCIAL METALS CO	COM	201723103	6,527	309,190	SH	SOLE	1	309,190	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	145	19,702	SH	SOLE	1	19,702	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	103	3,535	SH	SOLE	1	3,535	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,291	38,792	SH	SOLE	1	38,792	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	125	13,990	SH	SOLE	1	13,990	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	112	3,157	SH	SOLE	1	3,157	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	231	69,653	SH	SOLE	1	69,653	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	401	13,409	SH	SOLE	1	13,409	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	504	10,100	SH	SOLE	1	10,100	0	0

COMMVault SYSTEMS INC	COM	204166102	7,241	109,960	SH	SOLE	1	109,960	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	5,898	89,706	SH	SOLE	1	89,706	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	292	8,861	SH	SOLE	1	8,861	0	0
COMPX INTERNATIONAL INC	COM	20563P101	14	1,075	SH	SOLE	1	1,075	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	567	17,792	SH	SOLE	1	17,792	0	0
CONAGRA BRANDS INC	COM	205887102	4,756	133,111	SH	SOLE	1	133,111	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	233	13,870	SH	SOLE	1	13,870	0	0
CONCHO RESOURCES INC	COM	20605P101	7,603	54,952	SH	SOLE	1	54,952	0	0
CONDUENT INC	COM	206787103	64	3,547	SH	SOLE	1	3,547	0	0
CONMED CORP	COM	207410101	1,420	19,402	SH	SOLE	1	19,402	0	0
CONN S INC	COM	208242107	422	12,803	SH	SOLE	1	12,803	0	0
CONNECTICUT WATER SVC INC	COM	207797101	513	7,853	SH	SOLE	1	7,853	0	0
CONNECTONE BANCORP INC	COM	20786W107	490	19,681	SH	SOLE	1	19,681	0	0
CONOCOPHILLIPS	COM	20825C104	26,100	374,897	SH	SOLE	1	374,897	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	156	2,535	SH	SOLE	1	2,535	0	0
CONSOL ENERGY INC	COM	20854L108	817	21,301	SH	SOLE	1	21,301	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	660	53,432	SH	SOLE	1	53,432	0	0
CONSOLIDATED EDISON INC	COM	209115104	8,216	105,362	SH	SOLE	1	105,362	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	124	9,588	SH	SOLE	1	9,588	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	11,357	51,889	SH	SOLE	1	51,889	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	86	10,285	SH	SOLE	1	10,285	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	764	24,217	SH	SOLE	1	24,217	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	494	7,630	SH	SOLE	1	7,630	0	0
CONTROL4 CORP	COM	21240D107	471	19,367	SH	SOLE	1	19,367	0	0
CONVERGEONE HOLDINGS INC	COM	212481105	151	16,102	SH	SOLE	1	16,102	0	0
CONVERGYS CORP	COM	212485106	5,912	241,902	SH	SOLE	1	241,902	0	0
COOPER COS INC/THE	COM	216648402	4,034	17,133	SH	SOLE	1	17,133	0	0
COOPER STANDARD HOLDING	COM	21676P103	1,782	13,641	SH	SOLE	1	13,641	0	0
COOPER TIRE & RUBBER	COM	216831107	1,028	39,071	SH	SOLE	1	39,071	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	55	582	SH	SOLE	1	582	0	0
COPART INC	COM	217204106	23,068	407,856	SH	SOLE	1	407,856	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	164	32,497	SH	SOLE	1	32,497	0	0



CORCEPT THERAPEUTICS INC	COM	218352102	1,179	75,015	SH	SOLE	1	75,015	0	0
CORE LABORATORIES N.V.	COM	N22717107	11,100	87,948	SH	SOLE	1	87,948	0	0
CORE MARK HOLDING CO INC	COM	218681104	800	35,237	SH	SOLE	1	35,237	0	0
CORECIVIC INC	COM	21871N101	7,496	313,780	SH	SOLE	1	313,780	0	0
CORELOGIC INC	COM	21871D103	8,542	164,582	SH	SOLE	1	164,582	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	291	7,749	SH	SOLE	1	7,749	0	0
COREPOINT LODGING INC	COM	21872L104	687	26,511	SH	SOLE	1	26,511	0	0
CORESITE REALTY CORP	COM	21870Q105	7,705	69,527	SH	SOLE	1	69,527	0	0
CORIUM INTERNATIONAL INC	COM	21887L107	140	17,423	SH	SOLE	1	17,423	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,650	34,791	SH	SOLE	1	34,791	0	0
CORNING INC	COM	219350105	9,802	356,320	SH	SOLE	1	356,320	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,960	205,578	SH	SOLE	1	205,578	0	0
CORVEL CORP	COM	221006109	381	7,061	SH	SOLE	1	7,061	0	0
CORVUS PHARMACEUTICALS INC	COM	221015100	99	9,034	SH	SOLE	1	9,034	0	0
COSTAMARE INC	COM	Y1771G102	254	31,781	SH	SOLE	1	31,781	0	0
COSTAR GROUP INC	COM	22160N109	738	1,788	SH	SOLE	1	1,788	0	0
COSTCO WHOLESALE CORP	COM	22160K105	34,605	165,588	SH	SOLE	1	165,588	0	0
COTIVITI HOLDINGS INC	COM	22164K101	1,136	25,738	SH	SOLE	1	25,738	0	0
COTY INC CL A	COM	222070203	2,258	160,174	SH	SOLE	1	160,174	0	0
COUNTY BANCORP INC	COM	221907108	92	3,338	SH	SOLE	1	3,338	0	0
COUPA SOFTWARE INC	COM	22266L106	2,157	34,651	SH	SOLE	1	34,651	0	0
COUSINS PROPERTIES INC	COM	222795106	10,775	1,112,020	SH	SOLE	1	1,112,020	0	0
COVANTA HOLDING CORP	COM	22282E102	1,264	76,610	SH	SOLE	1	76,610	0	0
COVENANT TRANSPORT GRP CL A	COM	22284P105	253	8,036	SH	SOLE	1	8,036	0	0
COVIA HOLDINGS CORP	COM	22305A103	376	20,245	SH	SOLE	1	20,245	0	0
COWEN INC	COM	223622606	253	18,276	SH	SOLE	1	18,276	0	0
CRA INTERNATIONAL INC	COM	12618T105	260	5,117	SH	SOLE	1	5,117	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,436	60,409	SH	SOLE	1	60,409	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	171	8,296	SH	SOLE	1	8,296	0	0
CRANE CO	COM	224399105	9,592	119,707	SH	SOLE	1	119,707	0	0
CRAWFORD & CO CL B	COM	224633107	66	7,614	SH	SOLE	1	7,614	0	0
CRAY INC	COM	225223304	767	31,173	SH	SOLE	1	31,173	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	94	267	SH	SOLE	1	267	0	0
CREE INC	COM	225447101	11,059	266,024	SH	SOLE	1	266,024	0	0

CROCS INC	COM	227046109	919	52,214	SH	SOLE	1	52,214	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	309	27,450	SH	SOLE	1	27,450	0	0
CROWN CASTLE INTL CORP	COM	22822V101	19,452	180,416	SH	SOLE	1	180,416	0	0
CROWN HOLDINGS INC	COM	228368106	140	3,126	SH	SOLE	1	3,126	0	0
CRYOLIFE INC	COM	228903100	757	27,182	SH	SOLE	1	27,182	0	0
CRYOPORT INC	COM	229050307	257	16,290	SH	SOLE	1	16,290	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,049	25,657	SH	SOLE	1	25,657	0	0
CSW INDUSTRIALS INC	COM	126402106	543	10,283	SH	SOLE	1	10,283	0	0
CSX CORP	COM	126408103	24,639	386,311	SH	SOLE	1	386,311	0	0
CTI BIOPHARMA CORP	COM	12648L601	166	33,278	SH	SOLE	1	33,278	0	0
CTRIIP.COM INTERNATIONAL ADR	ADR	22943F100	1,267	26,603	SH	SOLE	1	26,603	0	0
CTS CORP	COM	126501105	909	25,242	SH	SOLE	1	25,242	0	0
CUBESMART	COM	229663109	109	3,385	SH	SOLE	1	3,385	0	0
CUBIC CORP	COM	229669106	1,251	19,479	SH	SOLE	1	19,479	0	0
CUE BIOPHARMA INC	COM	22978P106	137	11,516	SH	SOLE	1	11,516	0	0
CULLEN/FROST BANKERS INC	COM	229899109	12,645	116,827	SH	SOLE	1	116,827	0	0
CULP INC	COM	230215105	179	7,271	SH	SOLE	1	7,271	0	0
CUMMINS INC	COM	231021106	11,714	88,078	SH	SOLE	1	88,078	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	126	5,041	SH	SOLE	1	5,041	0	0
CURTISS WRIGHT CORP	COM	231561101	10,592	88,995	SH	SOLE	1	88,995	0	0
CUSTOMERS BANCORP INC	COM	23204G100	642	22,636	SH	SOLE	1	22,636	0	0
CUTERA INC	COM	232109108	417	10,344	SH	SOLE	1	10,344	0	0
CVB FINANCIAL CORP	COM	126600105	1,788	79,734	SH	SOLE	1	79,734	0	0
CVR ENERGY INC	COM	12662P108	380	10,279	SH	SOLE	1	10,279	0	0
CVS HEALTH CORP	COM	126650100	437,264	6,795,088	SH	SOLE	1	6,795,088	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	515	38,389	SH	SOLE	1	38,389	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	11,263	722,884	SH	SOLE	1	722,884	0	0
CYRUSONE INC	COM	23283R100	11,640	199,460	SH	SOLE	1	199,460	0	0
CYS INVESTMENTS INC	COM	12673A108	757	100,990	SH	SOLE	1	100,990	0	0
CYTOKINETICS INC	COM	23282W605	299	36,015	SH	SOLE	1	36,015	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	574	25,122	SH	SOLE	1	25,122	0	0
CYTOSORBENTS CORP	COM	23283X206	211	18,497	SH	SOLE	1	18,497	0	0
DAILY JOURNAL CORP	COM	233912104	168	729	SH	SOLE	1	729	0	0
DAKTRONICS INC	COM	234264109	239	28,083	SH	SOLE	1	28,083	0	0
DANA INC	COM	235825205	7,781	385,391	SH	SOLE	1	385,391	0	0
DANAHER CORP	COM	235851102	27,874	282,473	SH	SOLE	1	282,473	0	0
DARDEN RESTAURANTS INC	COM	237194105	599,584	5,600,447	SH	SOLE	1	5,600,447	0	0

DARLING INGREDIENTS INC	COM	237266101	2,513	126,397	SH	SOLE	1	126,397	0	0
DASAN ZHONG SOLUTIONS INC	COM	23305L206	37	3,827	SH	SOLE	1	3,827	0	0
DASEKE INC	COM	23753F107	265	26,728	SH	SOLE	1	26,728	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,460	30,682	SH	SOLE	1	30,682	0	0
DAVITA INC	COM	23918K108	3,308	47,645	SH	SOLE	1	47,645	0	0
DAWSON GEOPHYSICAL CO	COM	239360100	109	13,752	SH	SOLE	1	13,752	0	0
DCT INDUSTRIAL TRUST INC	COM	233153204	12,649	189,550	SH	SOLE	1	189,550	0	0
DDR CORP	COM	23317H854	51	2,841	SH	SOLE	1	2,841	0	0
DEAN FOODS CO	COM	242370203	739	70,306	SH	SOLE	1	70,306	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	195	4,956	SH	SOLE	1	4,956	0	0
DECKERS OUTDOOR CORP	COM	243537107	9,199	81,487	SH	SOLE	1	81,487	0	0
DEERE & CO	COM	244199105	19,336	138,310	SH	SOLE	1	138,310	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	166	13,183	SH	SOLE	1	13,183	0	0
DEL TACO RESTAURANTS INC	COM	245496104	287	20,244	SH	SOLE	1	20,244	0	0
DELEK US HOLDINGS INC	COM	24665A103	2,732	54,449	SH	SOLE	1	54,449	0	0
DELL TECHNOLOGIES INC CL V	COM	24703L103	541	6,401	SH	SOLE	1	6,401	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	8,048	177,040	SH	SOLE	1	177,040	0	0
DELTA AIR LINES INC	COM	247361702	13,445	271,399	SH	SOLE	1	271,399	0	0
DELUXE CORP	COM	248019101	8,377	126,523	SH	SOLE	1	126,523	0	0
DENALI THERAPEUTICS INC	COM	24823R105	168	11,014	SH	SOLE	1	11,014	0	0
DENBURY RESOURCES INC	COM	247916208	1,608	334,228	SH	SOLE	1	334,228	0	0
DENNY S CORP	COM	24869P104	644	40,402	SH	SOLE	1	40,402	0	0
DENTSPLY SIRONA INC	COM	24906P109	5,214	119,115	SH	SOLE	1	119,115	0	0
DEPOMED INC	COM	249908104	306	45,914	SH	SOLE	1	45,914	0	0
DERMIRA INC	COM	24983L104	209	22,682	SH	SOLE	1	22,682	0	0
DEVON ENERGY CORP	COM	25179M103	10,420	237,036	SH	SOLE	1	237,036	0	0
DEXCOM INC	COM	252131107	201	2,112	SH	SOLE	1	2,112	0	0
DHT HOLDINGS INC	COM	Y2065G121	281	59,877	SH	SOLE	1	59,877	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	413	2,126	SH	SOLE	1	2,126	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	3,568	171,023	SH	SOLE	1	171,023	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	542	4,117	SH	SOLE	1	4,117	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,894	154,233	SH	SOLE	1	154,233	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	354	28,932	SH	SOLE	1	28,932	0	0

DICK S SPORTING GOODS INC	COM	253393102	5,528	156,822	SH	SOLE	1	156,822	0	0
DIEBOLD NIXDORF INC	COM	253651103	702	58,733	SH	SOLE	1	58,733	0	0
DIGI INTERNATIONAL INC	COM	253798102	274	20,729	SH	SOLE	1	20,729	0	0
DIGIMARC CORP	COM	25381B101	196	7,303	SH	SOLE	1	7,303	0	0
DIGITAL REALTY TRUST INC	COM	253868103	8,507	76,244	SH	SOLE	1	76,244	0	0
DILLARDS INC CL A	COM	254067101	4,462	47,216	SH	SOLE	1	47,216	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	484	24,805	SH	SOLE	1	24,805	0	0
DINE BRANDS GLOBAL INC	COM	254423106	975	13,040	SH	SOLE	1	13,040	0	0
DIODES INC	COM	254543101	1,052	30,520	SH	SOLE	1	30,520	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	1,092	42,715	SH	SOLE	1	42,715	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	10,419	147,982	SH	SOLE	1	147,982	0	0
DISCOVERY INC A	COM	25470F104	1,856	67,504	SH	SOLE	1	67,504	0	0
DISCOVERY INC C	COM	25470F302	3,472	136,163	SH	SOLE	1	136,163	0	0
DISH NETWORK CORP A	COM	25470M109	4,158	123,718	SH	SOLE	1	123,718	0	0
DMC GLOBAL INC	COM	23291C103	418	9,302	SH	SOLE	1	9,302	0	0
DOCUSIGN INC	COM	256163106	32	605	SH	SOLE	1	605	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	69	1,125	SH	SOLE	1	1,125	0	0
DOLLAR GENERAL CORP	COM	256677105	8,533	86,537	SH	SOLE	1	86,537	0	0
DOLLAR TREE INC	COM	256746108	9,457	111,254	SH	SOLE	1	111,254	0	0
DOMINION ENERGY INC	COM	25746U109	14,060	206,213	SH	SOLE	1	206,213	0	0
DOMINO S PIZZA INC	COM	25754A201	24,077	85,328	SH	SOLE	1	85,328	0	0
DOMTAR CORP	COM	257559203	6,037	126,448	SH	SOLE	1	126,448	0	0
DONALDSON CO INC	COM	257651109	11,824	262,062	SH	SOLE	1	262,062	0	0
DONEGAL GROUP INC CL A	COM	257701201	83	6,105	SH	SOLE	1	6,105	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	451	25,971	SH	SOLE	1	25,971	0	0
DORIAN LPG LTD	COM	Y2106R110	138	18,057	SH	SOLE	1	18,057	0	0
DORMAN PRODUCTS INC	COM	258278100	1,437	21,033	SH	SOLE	1	21,033	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	695	14,472	SH	SOLE	1	14,472	0	0
DOUGLAS EMMETT INC	COM	25960P109	12,917	321,480	SH	SOLE	1	321,480	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	230	7,675	SH	SOLE	1	7,675	0	0
DOVER CORP	COM	260003108	4,420	60,385	SH	SOLE	1	60,385	0	0
DOWDUPONT INC	COM	26078J100	49,018	743,594	SH	SOLE	1	743,594	0	0
DR HORTON INC	COM	23331A109	4,894	119,376	SH	SOLE	1	119,376	0	0
DR PEPPER SNAPPLE GROUP INC	COM	26138E109	10,351	84,841	SH	SOLE	1	84,841	0	0
DRIL QUIP INC	COM	262037104	5,184	100,864	SH	SOLE	1	100,864	0	0
DRIVE SHACK INC	COM	262077100	304	39,394	SH	SOLE	1	39,394	0	0

DSP GROUP INC	COM	23332B106	34	2,698	SH	SOLE	1	2,698	0	0
DSW INC CLASS A	COM	23334L102	1,378	53,381	SH	SOLE	1	53,381	0	0
DTE ENERGY COMPANY	COM	233331107	6,375	61,517	SH	SOLE	1	61,517	0	0
DUCOMMUN INC	COM	264147109	229	6,931	SH	SOLE	1	6,931	0	0
DUKE ENERGY CORP	COM	26441C204	17,762	224,606	SH	SOLE	1	224,606	0	0
DUKE REALTY CORP	COM	264411505	3,514	121,038	SH	SOLE	1	121,038	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	128	5,376	SH	SOLE	1	5,376	0	0
DUN & BRADSTREET CORP	COM	26483E100	9,166	74,730	SH	SOLE	1	74,730	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,320	178,374	SH	SOLE	1	178,374	0	0
DURECT CORPORATION	COM	266605104	159	102,113	SH	SOLE	1	102,113	0	0
DXC TECHNOLOGY CO	COM	23355L106	8,648	107,279	SH	SOLE	1	107,279	0	0
DXP ENTERPRISES INC	COM	233377407	468	12,253	SH	SOLE	1	12,253	0	0
DYCOM INDUSTRIES INC	COM	267475101	7,739	81,884	SH	SOLE	1	81,884	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	619	40,617	SH	SOLE	1	40,617	0	0
DYNEX CAPITAL INC	COM	26817Q506	231	35,365	SH	SOLE	1	35,365	0	0
E TRADE FINANCIAL CORP	COM	269246401	5,780	94,504	SH	SOLE	1	94,504	0	0
EAGLE BANCORP INC	COM	268948106	1,274	20,788	SH	SOLE	1	20,788	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	169	31,081	SH	SOLE	1	31,081	0	0
EAGLE MATERIALS INC	COM	26969P108	10,158	96,768	SH	SOLE	1	96,768	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	588	7,772	SH	SOLE	1	7,772	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	109	12,300	SH	SOLE	1	12,300	0	0
EAST WEST BANCORP INC	COM	27579R104	19,017	291,677	SH	SOLE	1	291,677	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	723	36,598	SH	SOLE	1	36,598	0	0
EASTERN CO/THE	COM	276317104	100	3,553	SH	SOLE	1	3,553	0	0
EASTGROUP PROPERTIES INC	COM	277276101	2,539	26,574	SH	SOLE	1	26,574	0	0
EASTMAN CHEMICAL CO	COM	277432100	6,644	66,466	SH	SOLE	1	66,466	0	0
EASTMAN KODAK CO	COM	277461406	42	11,022	SH	SOLE	1	11,022	0	0
EATON CORP PLC	COM	G29183103	14,338	191,836	SH	SOLE	1	191,836	0	0
EATON VANCE CORP	COM	278265103	12,936	247,857	SH	SOLE	1	247,857	0	0
EBAY INC	COM	278642103	13,612	375,413	SH	SOLE	1	375,413	0	0
EBIX INC	COM	278715206	1,396	18,303	SH	SOLE	1	18,303	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	626	21,399	SH	SOLE	1	21,399	0	0
ECHOSTAR CORP A	COM	278768106	40	890	SH	SOLE	1	890	0	0
ECLIPSE RESOURCES CORP	COM	27890G100	92	57,338	SH	SOLE	1	57,338	0	0

ECOLAB INC	COM	278865100	16,146	115,057	SH	SOLE	1	115,057	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	9,258	183,471	SH	SOLE	1	183,471	0	0
EDISON INTERNATIONAL	COM	281020107	6,979	110,312	SH	SOLE	1	110,312	0	0
EDITAS MEDICINE INC	COM	28106W103	1,065	29,735	SH	SOLE	1	29,735	0	0
EDUCATION REALTY TRUST INC	COM	28140H203	8,329	200,709	SH	SOLE	1	200,709	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	12,884	88,505	SH	SOLE	1	88,505	0	0
EGAIN CORP	COM	28225C806	174	11,515	SH	SOLE	1	11,515	0	0
EHEALTH INC	COM	28238P109	314	14,210	SH	SOLE	1	14,210	0	0
EL PASO ELECTRIC CO	COM	283677854	1,846	31,227	SH	SOLE	1	31,227	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	189	16,543	SH	SOLE	1	16,543	0	0
ELDORADO RESORTS INC	COM	28470R102	1,678	42,905	SH	SOLE	1	42,905	0	0
ELECTRO SCIENTIFIC INDS INC	COM	285229100	391	24,780	SH	SOLE	1	24,780	0	0
ELECTRONIC ARTS INC	COM	285512109	17,840	126,507	SH	SOLE	1	126,507	0	0
ELECTRONICS FOR IMAGING	COM	286082102	1,118	34,345	SH	SOLE	1	34,345	0	0
ELEVATE CREDIT INC	COM	28621V101	111	13,143	SH	SOLE	1	13,143	0	0
ELF BEAUTY INC	COM	26856L103	221	14,515	SH	SOLE	1	14,515	0	0
ELI LILLY & CO	COM	532457108	25,540	299,304	SH	SOLE	1	299,304	0	0
ELLIE MAE INC	COM	28849P100	2,313	22,270	SH	SOLE	1	22,270	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	239	14,012	SH	SOLE	1	14,012	0	0
EMC INS GROUP INC	COM	268664109	167	6,021	SH	SOLE	1	6,021	0	0
EMCOR GROUP INC	COM	29084Q100	11,765	154,435	SH	SOLE	1	154,435	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	333	16,158	SH	SOLE	1	16,158	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,676	33,192	SH	SOLE	1	33,192	0	0
EMERSON ELECTRIC CO	COM	291011104	31,843	460,560	SH	SOLE	1	460,560	0	0
EMPIRE RESORTS INC	COM	292052305	46	2,298	SH	SOLE	1	2,298	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	43	2,509	SH	SOLE	1	2,509	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	1,001	24,901	SH	SOLE	1	24,901	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,464	12,633	SH	SOLE	1	12,633	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	13,504	199,416	SH	SOLE	1	199,416	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	724	19,782	SH	SOLE	1	19,782	0	0
ENCORE WIRE CORP	COM	292562105	747	15,749	SH	SOLE	1	15,749	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	1,603	169,945	SH	SOLE	1	169,945	0	0
ENDOCYTE INC	COM	29269A102	584	42,341	SH	SOLE	1	42,341	0	0
ENDOLOGIX INC	COM	29266S106	307	54,171	SH	SOLE	1	54,171	0	0

ENDURANCE INTERNATIONAL GROU	COM	29272B105	455	45,735	SH	SOLE	1	45,735	0	0
ENERGEN CORP	COM	29265N108	14,266	195,904	SH	SOLE	1	195,904	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	7,574	120,301	SH	SOLE	1	120,301	0	0
ENERGOUS CORP	COM	29272C103	225	15,175	SH	SOLE	1	15,175	0	0
ENERGY FUELS INC	COM	292671708	108	47,695	SH	SOLE	1	47,695	0	0
ENERGY RECOVERY INC	COM	29270J100	190	23,477	SH	SOLE	1	23,477	0	0
ENERGY XXI GULF COAST INC	COM	29276K101	192	21,729	SH	SOLE	1	21,729	0	0
ENERSYS	COM	29275Y102	8,316	111,418	SH	SOLE	1	111,418	0	0
ENGILITY HOLDINGS INC	COM	29286C107	427	13,938	SH	SOLE	1	13,938	0	0
ENNIS INC	COM	293389102	330	16,193	SH	SOLE	1	16,193	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	940	25,719	SH	SOLE	1	25,719	0	0
ENPHASE ENERGY INC	COM	29355A107	379	56,359	SH	SOLE	1	56,359	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,119	15,990	SH	SOLE	1	15,990	0	0
ENSCO PLC CL A	COM	G3157S106	6,328	871,601	SH	SOLE	1	871,601	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,358	37,905	SH	SOLE	1	37,905	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,627	7,848	SH	SOLE	1	7,848	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	128	4,374	SH	SOLE	1	4,374	0	0
ENTEGRIS INC	COM	29362U104	3,136	92,505	SH	SOLE	1	92,505	0	0
ENTERCOM COMMUNICATIONS CL A	COM	293639100	630	83,422	SH	SOLE	1	83,422	0	0
ENERGY CORP	COM	29364G103	4,953	61,307	SH	SOLE	1	61,307	0	0
ENTERPRISE BANCORP INC	COM	293668109	254	6,277	SH	SOLE	1	6,277	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	800	14,826	SH	SOLE	1	14,826	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	210	41,961	SH	SOLE	1	41,961	0	0
ENVESTNET INC	COM	29404K106	1,582	28,786	SH	SOLE	1	28,786	0	0
ENVIROSTAR INC	COM	29414M100	98	2,442	SH	SOLE	1	2,442	0	0
ENVISION HEALTHCARE CORP	COM	29414D100	1,812	41,173	SH	SOLE	1	41,173	0	0
ENZO BIOCHEM INC	COM	294100102	149	28,691	SH	SOLE	1	28,691	0	0
EOG RESOURCES INC	COM	26875P101	27,122	217,966	SH	SOLE	1	217,966	0	0
EP ENERGY CORP CL A	COM	268785102	79	26,346	SH	SOLE	1	26,346	0	0
EPAM SYSTEMS INC	COM	29414B104	153	1,227	SH	SOLE	1	1,227	0	0
EPIZYME INC	COM	29428V104	462	34,085	SH	SOLE	1	34,085	0	0
EPLUS INC	COM	294268107	987	10,494	SH	SOLE	1	10,494	0	0
EPR PROPERTIES	COM	26884U109	8,442	130,304	SH	SOLE	1	130,304	0	0
EQT CORP	COM	26884L109	5,355	97,051	SH	SOLE	1	97,051	0	0
EQUIFAX INC	COM	294429105	5,020	40,125	SH	SOLE	1	40,125	0	0
EQUINIX INC	COM	29444U700	13,076	30,416	SH	SOLE	1	30,416	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	361	8,709	SH	SOLE	1	8,709	0	0

EQUITY COMMONWEALTH	COM	294628102	69	2,186	SH	SOLE	1	2,186	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	188	2,047	SH	SOLE	1	2,047	0	0
EQUITY RESIDENTIAL	COM	29476L107	9,146	143,599	SH	SOLE	1	143,599	0	0
ERA GROUP INC	COM	26885G109	202	15,599	SH	SOLE	1	15,599	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	66	563	SH	SOLE	1	563	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	265	20,401	SH	SOLE	1	20,401	0	0
ESCALADE INC	COM	296056104	98	6,941	SH	SOLE	1	6,941	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,135	19,672	SH	SOLE	1	19,672	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	584	14,907	SH	SOLE	1	14,907	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	103	3,889	SH	SOLE	1	3,889	0	0
ESSA BANCORP INC	COM	29667D104	98	6,196	SH	SOLE	1	6,196	0	0
ESSENDANT INC	COM	296689102	381	28,784	SH	SOLE	1	28,784	0	0
ESSENT GROUP LTD	COM	G3198U102	2,242	62,585	SH	SOLE	1	62,585	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,433	22,727	SH	SOLE	1	22,727	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	10,661	74,711	SH	SOLE	1	74,711	0	0
ESTERLINE TECHNOLOGIES CORP	COM	297425100	5,069	68,688	SH	SOLE	1	68,688	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	464	18,948	SH	SOLE	1	18,948	0	0
ETSY INC	COM	29786A106	3,285	77,856	SH	SOLE	1	77,856	0	0
EURONET WORLDWIDE INC	COM	298736109	88	1,055	SH	SOLE	1	1,055	0	0
EVANS BANCORP INC	COM	29911Q208	140	3,042	SH	SOLE	1	3,042	0	0
EVELO BIOSCIENCES INC	COM	299734103	41	3,494	SH	SOLE	1	3,494	0	0
EVERBRIDGE INC	COM	29978A104	811	17,108	SH	SOLE	1	17,108	0	0
EVERCORE INC A	COM	29977A105	8,665	82,175	SH	SOLE	1	82,175	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,843	16,675	SH	SOLE	1	16,675	0	0
EVERGY INC	COM	30034W106	5,163	91,946	SH	SOLE	1	91,946	0	0
EVERI HOLDINGS INC	COM	30034T103	306	42,501	SH	SOLE	1	42,501	0	0
EVERSOURCE ENERGY	COM	30040W108	10,230	174,536	SH	SOLE	1	174,536	0	0
EVERTEC INC	COM	30040P103	1,024	46,880	SH	SOLE	1	46,880	0	0
EVOLENT HEALTH INC A	COM	30050B101	925	43,944	SH	SOLE	1	43,944	0	0
EVOLUS INC	COM	30052C107	92	3,294	SH	SOLE	1	3,294	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	163	16,595	SH	SOLE	1	16,595	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	1,011	49,319	SH	SOLE	1	49,319	0	0
EW SCRIPPS CO/THE A	COM	811054402	486	36,274	SH	SOLE	1	36,274	0	0
EXACT SCIENCES CORP	COM	30063P105	173	2,894	SH	SOLE	1	2,894	0	0
EXANTAS CAPITAL CORP	COM	30068N105	1,357	133,286	SH	SOLE	1	133,286	0	0



EXELA TECHNOLOGIES INC	COM	30162V102	147	30,881	SH	SOLE	1	30,881	0	0
EXELIXIS INC	COM	30161Q104	153	7,092	SH	SOLE	1	7,092	0	0
EXELON CORP	COM	30161N101	13,177	309,314	SH	SOLE	1	309,314	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,463	25,839	SH	SOLE	1	25,839	0	0
EXPEDIA GROUP INC	COM	30212P303	6,469	53,826	SH	SOLE	1	53,826	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,175	70,799	SH	SOLE	1	70,799	0	0
EXPONENT INC	COM	30214U102	1,923	39,813	SH	SOLE	1	39,813	0	0
EXPRESS INC	COM	30219E103	521	56,908	SH	SOLE	1	56,908	0	0
EXPRESS SCRIPTS HOLDING CO	COM	30219G108	19,730	255,539	SH	SOLE	1	255,539	0	0
EXTENDED STAY AMERICA INC	COM	30224P200	90	4,154	SH	SOLE	1	4,154	0	0
EXTERRAN CORP	COM	30227H106	624	24,939	SH	SOLE	1	24,939	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,563	45,713	SH	SOLE	1	45,713	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	30	2,059	SH	SOLE	1	2,059	0	0
EXTREME NETWORKS INC	COM	30226D106	705	88,567	SH	SOLE	1	88,567	0	0
EXXON MOBIL CORP	COM	30231G102	599,840	7,250,573	SH	SOLE	1	7,250,573	0	0
EZCORP INC CL A	COM	302301106	467	38,753	SH	SOLE	1	38,753	0	0
F5 NETWORKS INC	COM	315616102	3,561	20,649	SH	SOLE	1	20,649	0	0
FABRINET	COM	G3323L100	1,028	27,878	SH	SOLE	1	27,878	0	0
FACEBOOK INC A	COM	30303M102	170,564	877,746	SH	SOLE	1	877,746	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	15,537	78,431	SH	SOLE	1	78,431	0	0
FAIR ISAAC CORP	COM	303250104	11,640	60,211	SH	SOLE	1	60,211	0	0
FARMER BROS CO	COM	307675108	200	6,542	SH	SOLE	1	6,542	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	235	5,818	SH	SOLE	1	5,818	0	0
FARMERS CAPITAL BANK CORP	COM	309562106	249	4,788	SH	SOLE	1	4,788	0	0
FARMERS NATL BANC CORP	COM	309627107	263	16,508	SH	SOLE	1	16,508	0	0
FARMLAND PARTNERS INC	COM	31154R109	182	20,666	SH	SOLE	1	20,666	0	0
FARO TECHNOLOGIES INC	COM	311642102	705	12,970	SH	SOLE	1	12,970	0	0
FASTENAL CO	COM	311900104	16,442	341,617	SH	SOLE	1	341,617	0	0
FATE THERAPEUTICS INC	COM	31189P102	367	32,374	SH	SOLE	1	32,374	0	0
FB FINANCIAL CORP	COM	30257X104	348	8,554	SH	SOLE	1	8,554	0	0
FBL FINANCIAL GROUP INC CL A	COM	30239F106	507	6,444	SH	SOLE	1	6,444	0	0
FCB FINANCIAL HOLDINGS CL A	COM	30255G103	1,626	27,645	SH	SOLE	1	27,645	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	523	5,848	SH	SOLE	1	5,848	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,477	27,477	SH	SOLE	1	27,477	0	0

FEDERAL SIGNAL CORP	COM	313855108	1,068	45,852	SH	SOLE	1	45,852	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	5,906	253,246	SH	SOLE	1	253,246	0	0
FEDEX CORP	COM	31428X106	17,517	77,147	SH	SOLE	1	77,147	0	0
FEDNAT HOLDING CO	COM	31431B109	173	7,487	SH	SOLE	1	7,487	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	77	7,381	SH	SOLE	1	7,381	0	0
FERRO CORP	COM	315405100	1,146	54,942	SH	SOLE	1	54,942	0	0
FGL HOLDINGS	COM	G3402M102	775	92,395	SH	SOLE	1	92,395	0	0
FIBROGEN INC	COM	31572Q808	3,049	48,702	SH	SOLE	1	48,702	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	113	1,820	SH	SOLE	1	1,820	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	14,804	139,621	SH	SOLE	1	139,621	0	0
FIDELITY SOUTHERN CORP	COM	316394105	430	16,919	SH	SOLE	1	16,919	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	537	18,715	SH	SOLE	1	18,715	0	0
FIFTH THIRD BANCORP	COM	316773100	10,333	360,038	SH	SOLE	1	360,038	0	0
FINANCIAL ENGINES INC	COM	317485100	2,201	49,025	SH	SOLE	1	49,025	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	329	10,004	SH	SOLE	1	10,004	0	0
FINISAR CORPORATION	COM	31787A507	1,593	88,504	SH	SOLE	1	88,504	0	0
FIREEYE INC	COM	31816Q101	65	4,202	SH	SOLE	1	4,202	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	11,608	224,442	SH	SOLE	1	224,442	0	0
FIRST BANCORP INC/ME	COM	31866P102	187	6,618	SH	SOLE	1	6,618	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,231	160,915	SH	SOLE	1	160,915	0	0
FIRST BANCORP/NC	COM	318910106	780	19,069	SH	SOLE	1	19,069	0	0
FIRST BANCSHARES INC/MS	COM	318916103	290	8,069	SH	SOLE	1	8,069	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	148	10,634	SH	SOLE	1	10,634	0	0
FIRST BUSEY CORP	COM	319383204	904	28,486	SH	SOLE	1	28,486	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	141	5,405	SH	SOLE	1	5,405	0	0
FIRST CHOICE BANCORP	COM	31948P104	117	3,826	SH	SOLE	1	3,826	0	0
FIRST CITIZENS BCSHS CL A	COM	31946M103	59	147	SH	SOLE	1	147	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	1,194	76,992	SH	SOLE	1	76,992	0	0
FIRST COMMUNITY BANCSHARES	COM	31983A103	339	10,650	SH	SOLE	1	10,650	0	0
FIRST COMMUNITY CORP	COM	319835104	117	4,674	SH	SOLE	1	4,674	0	0
FIRST CONNECTICUT BANCORP	COM	319850103	282	9,223	SH	SOLE	1	9,223	0	0
FIRST DATA CORP CLASS A	COM	32008D106	243	11,604	SH	SOLE	1	11,604	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	436	6,497	SH	SOLE	1	6,497	0	0

FIRST FINANCIAL BANCORP	COM	320209109	2,264	73,867	SH	SOLE	1	73,867	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	352	7,761	SH	SOLE	1	7,761	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	105	5,365	SH	SOLE	1	5,365	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	2,565	50,391	SH	SOLE	1	50,391	0	0
FIRST FOUNDATION INC	COM	32026V104	405	21,847	SH	SOLE	1	21,847	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	82	3,136	SH	SOLE	1	3,136	0	0
FIRST HAWAIIAN INC	COM	32051X108	37	1,276	SH	SOLE	1	1,276	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	11,747	658,463	SH	SOLE	1	658,463	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	11,040	331,143	SH	SOLE	1	331,143	0	0
FIRST INTERNET BANCORP	COM	320557101	180	5,280	SH	SOLE	1	5,280	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	905	21,435	SH	SOLE	1	21,435	0	0
FIRST MERCHANTS CORP	COM	320817109	1,493	32,181	SH	SOLE	1	32,181	0	0
FIRST MID ILLINOIS BNCSHS	COM	320866106	305	7,753	SH	SOLE	1	7,753	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	2,013	79,024	SH	SOLE	1	79,024	0	0
FIRST NORTHWEST BANCORP	COM	335834107	99	6,210	SH	SOLE	1	6,210	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	397	15,990	SH	SOLE	1	15,990	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	665	6,866	SH	SOLE	1	6,866	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	87	1,188	SH	SOLE	1	1,188	0	0
FIRST SOLAR INC	COM	336433107	8,661	164,468	SH	SOLE	1	164,468	0	0
FIRST UNITED CORP	COM	33741H107	91	4,454	SH	SOLE	1	4,454	0	0
FIRSTCASH INC	COM	33767D105	3,093	34,422	SH	SOLE	1	34,422	0	0
FIRSTENERGY CORP	COM	337932107	7,052	196,372	SH	SOLE	1	196,372	0	0
FISERV INC	COM	337738108	15,296	206,448	SH	SOLE	1	206,448	0	0
FITBIT INC A	COM	33812L102	880	134,734	SH	SOLE	1	134,734	0	0
FIVE BELOW	COM	33829M101	14,315	146,505	SH	SOLE	1	146,505	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	342	21,621	SH	SOLE	1	21,621	0	0
FIVE9 INC	COM	338307101	1,278	36,973	SH	SOLE	1	36,973	0	0
FLAGSTAR BANCORP INC	COM	337930705	660	19,255	SH	SOLE	1	19,255	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	6,548	31,083	SH	SOLE	1	31,083	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	566	21,882	SH	SOLE	1	21,882	0	0
FLEXSTEEL INDS	COM	339382103	191	4,777	SH	SOLE	1	4,777	0	0
FLIR SYSTEMS INC	COM	302445101	2,362	45,456	SH	SOLE	1	45,456	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	46	924	SH	SOLE	1	924	0	0

FLOTEK INDUSTRIES INC	COM	343389102	138	42,617	SH	SOLE	1	42,617	0	0
FLOWERS FOODS INC	COM	343498101	7,775	373,262	SH	SOLE	1	373,262	0	0
FLOWERVE CORP	COM	34354P105	1,954	48,377	SH	SOLE	1	48,377	0	0
FLUENT INC	COM	34380C102	52	21,230	SH	SOLE	1	21,230	0	0
FLUIDIGM CORP	COM	34385P108	102	17,103	SH	SOLE	1	17,103	0	0
FLUOR CORP	COM	343412102	2,325	47,657	SH	SOLE	1	47,657	0	0
FLUSHING FINANCIAL CORP	COM	343873105	466	17,863	SH	SOLE	1	17,863	0	0
FMC CORP	COM	302491303	3,956	44,344	SH	SOLE	1	44,344	0	0
FNB BANCORP	COM	302515101	123	3,358	SH	SOLE	1	3,358	0	0
FNB CORP	COM	302520101	8,747	651,775	SH	SOLE	1	651,775	0	0
FNF GROUP	COM	31620R303	3,054	81,182	SH	SOLE	1	81,182	0	0
FONAR CORP	COM	344437405	107	4,012	SH	SOLE	1	4,012	0	0
FOOT LOCKER INC	COM	344849104	22,770	432,474	SH	SOLE	1	432,474	0	0
FORD MOTOR CO	COM	345370860	18,830	1,700,958	SH	SOLE	1	1,700,958	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	644	18,795	SH	SOLE	1	18,795	0	0
FOREST CITY REALTY TRUST A	COM	345605109	90	3,964	SH	SOLE	1	3,964	0	0
FORESTAR GROUP INC	COM	346232101	143	6,871	SH	SOLE	1	6,871	0	0
FORMFACTOR INC	COM	346375108	749	56,329	SH	SOLE	1	56,329	0	0
FORRESTER RESEARCH INC	COM	346563109	330	7,858	SH	SOLE	1	7,858	0	0
FORTERRA INC	COM	34960W106	120	12,295	SH	SOLE	1	12,295	0	0
FORTINET INC	COM	34959E109	18,206	291,625	SH	SOLE	1	291,625	0	0
FORTIVE CORP	COM	34959J108	10,477	135,875	SH	SOLE	1	135,875	0	0
FORTRESS BIOTECH INC	COM	34960Q109	66	22,184	SH	SOLE	1	22,184	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	2,583	48,110	SH	SOLE	1	48,110	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	652	52,792	SH	SOLE	1	52,792	0	0
FORWARD AIR CORP	COM	349853101	1,336	22,620	SH	SOLE	1	22,620	0	0
FOSSIL GROUP INC	COM	34988V106	939	34,942	SH	SOLE	1	34,942	0	0
FOSTER (LB) CO A	COM	350060109	146	6,372	SH	SOLE	1	6,372	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	148	9,607	SH	SOLE	1	9,607	0	0
FOUNDATION MEDICINE INC	COM	350465100	1,360	9,952	SH	SOLE	1	9,952	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,171	47,534	SH	SOLE	1	47,534	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,303	27,991	SH	SOLE	1	27,991	0	0
FRANCESCAS HOLDINGS CORP	COM	351793104	203	26,823	SH	SOLE	1	26,823	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	372	47,700	SH	SOLE	1	47,700	0	0
FRANKLIN COVEY CO	COM	353469109	156	6,367	SH	SOLE	1	6,367	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,570	34,817	SH	SOLE	1	34,817	0	0

FRANKLIN FINANCIAL NETWORK	COM	35352P104	367	9,769	SH	SOLE	1	9,769	0	0
FRANKLIN RESOURCES INC	COM	354613101	7,892	246,240	SH	SOLE	1	246,240	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	691	80,699	SH	SOLE	1	80,699	0	0
FREEMPORT MCMORAN INC	COM	35671D857	7,917	458,674	SH	SOLE	1	458,674	0	0
FREIGHTCAR AMERICA INC	COM	357023100	131	7,780	SH	SOLE	1	7,780	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	883	19,829	SH	SOLE	1	19,829	0	0
FRESHPET INC	COM	358039105	469	17,098	SH	SOLE	1	17,098	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	335	32,137	SH	SOLE	1	32,137	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	327	61,017	SH	SOLE	1	61,017	0	0
FRONTLINE LTD	COM	G3682E192	293	50,115	SH	SOLE	1	50,115	0	0
FRP HOLDINGS INC	COM	30292L107	298	4,610	SH	SOLE	1	4,610	0	0
FS BANCORP INC	COM	30263Y104	130	2,059	SH	SOLE	1	2,059	0	0
FTD COS INC	COM	30281V108	9	2,015	SH	SOLE	1	2,015	0	0
FTI CONSULTING INC	COM	302941109	1,752	28,966	SH	SOLE	1	28,966	0	0
FTS INTERNATIONAL INC	COM	30283W104	210	14,746	SH	SOLE	1	14,746	0	0
FUELCELL ENERGY INC	COM	35952H502	70	53,096	SH	SOLE	1	53,096	0	0
FULTON FINANCIAL CORP	COM	360271100	7,635	462,755	SH	SOLE	1	462,755	0	0
FUNKO INC CLASS A	COM	361008105	86	6,839	SH	SOLE	1	6,839	0	0
FUSION CONNECT INC	COM	36116X102	54	13,590	SH	SOLE	1	13,590	0	0
FUTUREFUEL CORP	COM	36116M106	278	19,844	SH	SOLE	1	19,844	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,479	33,301	SH	SOLE	1	33,301	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	578	13,292	SH	SOLE	1	13,292	0	0
GAIA INC	COM	36269P104	148	7,333	SH	SOLE	1	7,333	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	135	17,821	SH	SOLE	1	17,821	0	0
GAMCO INVESTORS INC A	COM	361438104	74	2,782	SH	SOLE	1	2,782	0	0
GAMESTOP CORP CLASS A	COM	36467W109	10,579	726,050	SH	SOLE	1	726,050	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	149	4,157	SH	SOLE	1	4,157	0	0
GANNETT CO INC	COM	36473H104	934	87,256	SH	SOLE	1	87,256	0	0
GAP INC/THE	COM	364760108	546,371	16,868,515	SH	SOLE	1	16,868,515	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	64	2,174	SH	SOLE	1	2,174	0	0
GARMIN LTD	COM	H2906T109	3,395	55,657	SH	SOLE	1	55,657	0	0
GARTNER INC	COM	366651107	4,279	32,196	SH	SOLE	1	32,196	0	0
GASLOG LTD	COM	G37585109	507	26,543	SH	SOLE	1	26,543	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	13	827	SH	SOLE	1	827	0	0

GATX CORP	COM	361448103	7,399	99,670	SH	SOLE	1	99,670	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	951	21,104	SH	SOLE	1	21,104	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	1,357	46,859	SH	SOLE	1	46,859	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	82	5,287	SH	SOLE	1	5,287	0	0
GENCOR INDUSTRIES INC	COM	368678108	93	5,734	SH	SOLE	1	5,734	0	0
GENERAC HOLDINGS INC	COM	368736104	2,045	39,524	SH	SOLE	1	39,524	0	0
GENERAL DYNAMICS CORP	COM	369550108	18,659	100,096	SH	SOLE	1	100,096	0	0
GENERAL ELECTRIC CO	COM	369604103	367,556	27,006,311	SH	SOLE	1	27,006,311	0	0
GENERAL FINANCE CORP	COM	369822101	86	6,355	SH	SOLE	1	6,355	0	0
GENERAL MILLS INC	COM	370334104	423,655	9,571,969	SH	SOLE	1	9,571,969	0	0
GENERAL MOTORS CO	COM	37045V100	19,032	483,050	SH	SOLE	1	483,050	0	0
GENESCO INC	COM	371532102	597	15,035	SH	SOLE	1	15,035	0	0
GENESEE & WYOMING INC CL A	COM	371559105	9,849	121,118	SH	SOLE	1	121,118	0	0
GENESIS HEALTHCARE INC	COM	37185X106	83	36,432	SH	SOLE	1	36,432	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	216	33,778	SH	SOLE	1	33,778	0	0
GENOMIC HEALTH INC	COM	37244C101	679	13,473	SH	SOLE	1	13,473	0	0
GENPACT LTD	COM	G3922B107	88	3,028	SH	SOLE	1	3,028	0	0
GENTEX CORP	COM	371901109	14,185	616,195	SH	SOLE	1	616,195	0	0
GENTHERM INC	COM	37253A103	1,113	28,323	SH	SOLE	1	28,323	0	0
GENUINE PARTS CO	COM	372460105	16,369	178,335	SH	SOLE	1	178,335	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	5,958	1,323,946	SH	SOLE	1	1,323,946	0	0
GEO GROUP INC/THE	COM	36162J106	8,935	324,431	SH	SOLE	1	324,431	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	23	1,616	SH	SOLE	1	1,616	0	0
GERMAN AMERICAN BANCORP	COM	373865104	491	13,708	SH	SOLE	1	13,708	0	0
GERON CORP	COM	374163103	356	103,729	SH	SOLE	1	103,729	0	0
GETTY REALTY CORP	COM	374297109	703	24,956	SH	SOLE	1	24,956	0	0
GGP INC	COM	36174X101	5,133	251,226	SH	SOLE	1	251,226	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	922	24,585	SH	SOLE	1	24,585	0	0
GILEAD SCIENCES INC	COM	375558103	447,898	6,322,672	SH	SOLE	1	6,322,672	0	0
GLACIER BANCORP INC	COM	37637Q105	2,506	64,788	SH	SOLE	1	64,788	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	352	18,320	SH	SOLE	1	18,320	0	0
GLADSTONE LAND CORP	COM	376549101	108	8,513	SH	SOLE	1	8,513	0	0
GLATFELTER	COM	377316104	656	33,511	SH	SOLE	1	33,511	0	0
GLAUKOS CORP	COM	377322102	874	21,507	SH	SOLE	1	21,507	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,471	32,551	SH	SOLE	1	32,551	0	0

GLOBAL BRASS & COPPER HOLDIN	COM	37953G103	444	14,174	SH	SOLE	1	14,174	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	213	5,474	SH	SOLE	1	5,474	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	109	12,340	SH	SOLE	1	12,340	0	0
GLOBAL NET LEASE INC	COM	379378201	1,066	52,157	SH	SOLE	1	52,157	0	0
GLOBAL PAYMENTS INC	COM	37940X102	5,922	53,117	SH	SOLE	1	53,117	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	61	6,449	SH	SOLE	1	6,449	0	0
GLOBUS MEDICAL INC A	COM	379577208	9,730	192,822	SH	SOLE	1	192,822	0	0
GLU MOBILE INC	COM	379890106	459	71,597	SH	SOLE	1	71,597	0	0
GLYCOMIMETICS INC	COM	38000Q102	353	21,902	SH	SOLE	1	21,902	0	0
GMS INC	COM	36251C103	575	21,222	SH	SOLE	1	21,222	0	0
GNC HOLDINGS INC CL A	COM	36191G107	188	53,504	SH	SOLE	1	53,504	0	0
GNMA POOL 754084	COM	36230NRD9	185	177,670	SH	SOLE	1	177,670	0	0
GODADDY INC CLASS A	COM	380237107	256	3,621	SH	SOLE	1	3,621	0	0
GOGO INC	COM	38046C109	183	37,589	SH	SOLE	1	37,589	0	0
GOLAR LNG LTD	COM	G9456A100	1,816	61,653	SH	SOLE	1	61,653	0	0
GOLD RESOURCE CORP	COM	38068T105	226	34,299	SH	SOLE	1	34,299	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	320	11,838	SH	SOLE	1	11,838	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	24,826	112,552	SH	SOLE	1	112,552	0	0
GOODRICH PETROLEUM CORP	COM	382410843	70	5,642	SH	SOLE	1	5,642	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	1,894	81,319	SH	SOLE	1	81,319	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	159	6,356	SH	SOLE	1	6,356	0	0
GOPRO INC CLASS A	COM	38268T103	474	73,591	SH	SOLE	1	73,591	0	0
GORMAN RUPP CO	COM	383082104	402	11,497	SH	SOLE	1	11,497	0	0
GOVERNMENT PROPERTIES INCOME	COM	38376A103	1,206	76,119	SH	SOLE	1	76,119	0	0
GP STRATEGIES CORP	COM	36225V104	142	8,081	SH	SOLE	1	8,081	0	0
GRACO INC	COM	384109104	15,294	338,209	SH	SOLE	1	338,209	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	13	712	SH	SOLE	1	712	0	0
GRAHAM CORP	COM	384556106	161	6,243	SH	SOLE	1	6,243	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	5,188	8,852	SH	SOLE	1	8,852	0	0
GRAMERCY PROPERTY TRUST	COM	385002308	2,855	104,514	SH	SOLE	1	104,514	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	127	1,141	SH	SOLE	1	1,141	0	0
GRANITE CONSTRUCTION INC	COM	387328107	6,640	119,300	SH	SOLE	1	119,300	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	513	27,962	SH	SOLE	1	27,962	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	88	6,051	SH	SOLE	1	6,051	0	0
GRAY TELEVISION INC	COM	389375106	823	52,058	SH	SOLE	1	52,058	0	0

GREAT AJAX CORP	COM	38983D300	137	10,472	SH	SOLE	1	10,472	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	195	37,184	SH	SOLE	1	37,184	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	412	7,195	SH	SOLE	1	7,195	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,915	45,608	SH	SOLE	1	45,608	0	0
GREEN BANCORP INC	COM	39260X100	384	17,765	SH	SOLE	1	17,765	0	0
GREEN BRICK PARTNERS INC	COM	392709101	157	15,982	SH	SOLE	1	15,982	0	0
GREEN DOT CORP CLASS A	COM	39304D102	2,690	36,658	SH	SOLE	1	36,658	0	0
GREEN PLAINS INC	COM	393222104	555	30,301	SH	SOLE	1	30,301	0	0
GREENBRIER COMPANIES INC	COM	393657101	1,266	23,991	SH	SOLE	1	23,991	0	0
GREENE COUNTY BANCORP INC	COM	394357107	67	1,979	SH	SOLE	1	1,979	0	0
GREENHILL & CO INC	COM	395259104	477	16,810	SH	SOLE	1	16,810	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	276	19,444	SH	SOLE	1	19,444	0	0
GREIF INC CL A	COM	397624107	3,615	68,352	SH	SOLE	1	68,352	0	0
GREIF INC CL B	COM	397624206	209	3,628	SH	SOLE	1	3,628	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	24	543	SH	SOLE	1	543	0	0
GRIFFON CORP	COM	398433102	399	22,420	SH	SOLE	1	22,420	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	975	15,469	SH	SOLE	1	15,469	0	0
GROUPON INC	COM	399473107	1,236	287,358	SH	SOLE	1	287,358	0	0
GRUBHUB INC	COM	400110102	229	2,183	SH	SOLE	1	2,183	0	0
GTT COMMUNICATIONS INC	COM	362393100	1,024	22,753	SH	SOLE	1	22,753	0	0
GTX INC	COM	40052B207	46	3,000	SH	SOLE	1	3,000	0	0
GUARANTY BANCORP	COM	40075T607	498	16,709	SH	SOLE	1	16,709	0	0
GUARANTY BANCSHARES INC	COM	400764106	165	5,013	SH	SOLE	1	5,013	0	0
GUESS INC	COM	401617105	951	44,460	SH	SOLE	1	44,460	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	172	1,934	SH	SOLE	1	1,934	0	0
GULF ISLAND FABRICATION INC	COM	402307102	15	1,629	SH	SOLE	1	1,629	0	0
GULFMARK OFFSHORE INC	COM	402629505	81	2,419	SH	SOLE	1	2,419	0	0
GULFPORT ENERGY CORP	COM	402635304	7,608	605,281	SH	SOLE	1	605,281	0	0
H.B. FULLER CO.	COM	359694106	2,094	39,016	SH	SOLE	1	39,016	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	780	20,729	SH	SOLE	1	20,729	0	0
H&R BLOCK INC	COM	093671105	12,672	556,277	SH	SOLE	1	556,277	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	133	13,289	SH	SOLE	1	13,289	0	0
HACKETT GROUP INC/THE	COM	404609109	252	15,697	SH	SOLE	1	15,697	0	0



HAEMONETICS CORP/MASS	COM	405024100	12,475	139,108	SH	SOLE	1	139,108	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	6,228	209,002	SH	SOLE	1	209,002	0	0
HALCON RESOURCES CORP	COM	40537Q605	382	86,949	SH	SOLE	1	86,949	0	0
HALLADOR ENERGY CO	COM	40609P105	77	10,818	SH	SOLE	1	10,818	0	0
HALLIBURTON CO	COM	406216101	12,647	280,668	SH	SOLE	1	280,668	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	85	8,493	SH	SOLE	1	8,493	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,371	81,289	SH	SOLE	1	81,289	0	0
HAMILTON BEACH BRAND A	COM	40701T104	122	4,194	SH	SOLE	1	4,194	0	0
HAMILTON LANE INC CLASS A	COM	407497106	466	9,719	SH	SOLE	1	9,719	0	0
HANCOCK WHITNEY CORP	COM	410120109	10,521	225,532	SH	SOLE	1	225,532	0	0
HANESBRANDS INC	COM	410345102	4,512	204,919	SH	SOLE	1	204,919	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	699	24,662	SH	SOLE	1	24,662	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	655	33,157	SH	SOLE	1	33,157	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	13,783	115,281	SH	SOLE	1	115,281	0	0
HARBORONE BANCORP INC	COM	41165F101	179	9,459	SH	SOLE	1	9,459	0	0
HARLEY DAVIDSON INC	COM	412822108	2,375	56,429	SH	SOLE	1	56,429	0	0
HARMONIC INC	COM	413160102	274	64,369	SH	SOLE	1	64,369	0	0
HARRIS CORP	COM	413875105	5,788	40,046	SH	SOLE	1	40,046	0	0
HARSCO CORP	COM	415864107	1,371	62,026	SH	SOLE	1	62,026	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,208	121,412	SH	SOLE	1	121,412	0	0
HARVARD BIOSCIENCE INC	COM	416906105	122	22,887	SH	SOLE	1	22,887	0	0
HASBRO INC	COM	418056107	5,363	58,102	SH	SOLE	1	58,102	0	0
HAVERTY FURNITURE	COM	419596101	316	14,608	SH	SOLE	1	14,608	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	7,513	219,046	SH	SOLE	1	219,046	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	1,398	38,886	SH	SOLE	1	38,886	0	0
HAWAIIAN TELCOM HOLDCO INC	COM	420031106	113	3,896	SH	SOLE	1	3,896	0	0
HAWKINS INC	COM	420261109	263	7,443	SH	SOLE	1	7,443	0	0
HAYNES INTERNATIONAL INC	COM	420877201	352	9,577	SH	SOLE	1	9,577	0	0
HC2 HOLDINGS INC	COM	404139107	162	27,711	SH	SOLE	1	27,711	0	0
HCA HEALTHCARE INC	COM	40412C101	11,266	109,806	SH	SOLE	1	109,806	0	0
HCI GROUP INC	COM	40416E103	236	5,667	SH	SOLE	1	5,667	0	0
HCP INC	COM	40414L109	5,832	225,881	SH	SOLE	1	225,881	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	311	7,255	SH	SOLE	1	7,255	0	0

HEALTH INSURANCE INNOVATION A	COM	42225K106	244	7,548	SH	SOLE	1	7,548	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,610	330,452	SH	SOLE	1	330,452	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	8,433	195,259	SH	SOLE	1	195,259	0	0
HEALTHCARE TRUST OF AMERICA A	COM	42225P501	102	3,797	SH	SOLE	1	3,797	0	0
HEALTH EQUITY INC	COM	42226A107	3,119	41,528	SH	SOLE	1	41,528	0	0
HEALTHSTREAM INC	COM	42222N103	545	19,952	SH	SOLE	1	19,952	0	0
HEARTLAND EXPRESS INC	COM	422347104	674	36,335	SH	SOLE	1	36,335	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,050	19,135	SH	SOLE	1	19,135	0	0
HECLA MINING CO	COM	422704106	901	259,040	SH	SOLE	1	259,040	0	0
HEICO CORP	COM	422806109	68	930	SH	SOLE	1	930	0	0
HEICO CORP CLASS A	COM	422806208	112	1,833	SH	SOLE	1	1,833	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	505	14,420	SH	SOLE	1	14,420	0	0
HELEN OF TROY LTD	COM	G4388N106	6,942	70,510	SH	SOLE	1	70,510	0	0
HELIUS MEDICAL TECHNOLOGIES	COM	42328V504	101	10,616	SH	SOLE	1	10,616	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	902	108,249	SH	SOLE	1	108,249	0	0
HELMERICH & PAYNE	COM	423452101	2,522	39,560	SH	SOLE	1	39,560	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	155	11,803	SH	SOLE	1	11,803	0	0
Hemisphere Media Group Inc	COM	42365Q103	12,683	968,149	SH	SOLE	2	968,149	0	0
HENRY SCHEIN INC	COM	806407102	4,440	61,126	SH	SOLE	1	61,126	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	121	2,253	SH	SOLE	1	2,253	0	0
HERC HOLDINGS INC	COM	42704L104	882	15,649	SH	SOLE	1	15,649	0	0
HERITAGE COMMERCE CORP	COM	426927109	442	26,032	SH	SOLE	1	26,032	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	194	9,651	SH	SOLE	1	9,651	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	766	21,978	SH	SOLE	1	21,978	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	218	13,048	SH	SOLE	1	13,048	0	0
HERMAN MILLER INC	COM	600544100	5,344	157,646	SH	SOLE	1	157,646	0	0
HERON THERAPEUTICS INC	COM	427746102	1,615	41,565	SH	SOLE	1	41,565	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	592	27,602	SH	SOLE	1	27,602	0	0
HERSHEY CO/THE	COM	427866108	16,089	172,893	SH	SOLE	1	172,893	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	548	35,726	SH	SOLE	1	35,726	0	0
HESKA CORP	COM	42805E306	533	5,138	SH	SOLE	1	5,138	0	0
HESS CORP	COM	42809H107	9,233	138,030	SH	SOLE	1	138,030	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	8,524	583,438	SH	SOLE	1	583,438	0	0

HEXCEL CORP	COM	428291108	117	1,769	SH	SOLE	1	1,769	0	0
HFF INC CLASS A	COM	40418F108	992	28,885	SH	SOLE	1	28,885	0	0
HIBBETT SPORTS INC	COM	428567101	335	14,620	SH	SOLE	1	14,620	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	503	82,709	SH	SOLE	1	82,709	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	10,558	208,118	SH	SOLE	1	208,118	0	0
HILL INTERNATIONAL INC	COM	431466101	188	31,928	SH	SOLE	1	31,928	0	0
HILL ROM HOLDINGS INC	COM	431475102	11,671	133,629	SH	SOLE	1	133,629	0	0
HILLENBRAND INC	COM	431571108	2,280	48,347	SH	SOLE	1	48,347	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,051	47,632	SH	SOLE	1	47,632	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	81	2,339	SH	SOLE	1	2,339	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	7,519	94,981	SH	SOLE	1	94,981	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	190	865	SH	SOLE	1	865	0	0
HMS HOLDINGS CORP	COM	40425J101	1,381	63,890	SH	SOLE	1	63,890	0	0
HNI CORP	COM	404251100	4,281	115,086	SH	SOLE	1	115,086	0	0
HOLLYFRONTIER CORP	COM	436106108	6,345	92,728	SH	SOLE	1	92,728	0	0
HOLOGIC INC	COM	436440101	4,172	104,961	SH	SOLE	1	104,961	0	0
HOME BANCORP INC	COM	43689E107	237	5,097	SH	SOLE	1	5,097	0	0
HOME BANCSHARES INC	COM	436893200	9,440	418,428	SH	SOLE	1	418,428	0	0
HOME DEPOT INC	COM	437076102	83,056	425,708	SH	SOLE	1	425,708	0	0
HOMESTREET INC	COM	43785V102	524	19,447	SH	SOLE	1	19,447	0	0
HOMETRUST BANCSHARES INC	COM	437872104	321	11,411	SH	SOLE	1	11,411	0	0
HOMOLOGY MEDICINES INC	COM	438083107	139	6,805	SH	SOLE	1	6,805	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	38,398	266,562	SH	SOLE	1	266,562	0	0
HOOKER FURNITURE CORP	COM	439038100	354	7,539	SH	SOLE	1	7,539	0	0
HOPE BANCORP INC	COM	43940T109	3,158	177,099	SH	SOLE	1	177,099	0	0
HORACE MANN EDUCATORS	COM	440327104	1,413	31,679	SH	SOLE	1	31,679	0	0
HORIZON BANCORP INC/IN	COM	440407104	648	31,332	SH	SOLE	1	31,332	0	0
HORIZON PHARMA PLC	COM	G4617B105	1,784	107,727	SH	SOLE	1	107,727	0	0
HORMEL FOODS CORP	COM	440452100	15,891	427,060	SH	SOLE	1	427,060	0	0
HORTONWORKS INC	COM	440894103	815	44,709	SH	SOLE	1	44,709	0	0
HOSPITALITY PROPERTIES TRUST	COM	44106M102	9,463	330,744	SH	SOLE	1	330,744	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	7,266	344,836	SH	SOLE	1	344,836	0	0
HOSTESS BRANDS INC	COM	44109J106	875	64,318	SH	SOLE	1	64,318	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	516	67,426	SH	SOLE	1	67,426	0	0
HOULIHAN LOKEY INC	COM	441593100	995	19,435	SH	SOLE	1	19,435	0	0

HOVNIANIAN ENTERPRISES A	COM	442487203	129	79,031	SH	SOLE	1	79,031	0	0
HOWARD BANCORP INC	COM	442496105	153	8,516	SH	SOLE	1	8,516	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	107	810	SH	SOLE	1	810	0	0
HP INC	COM	40434L105	500,769	22,070,034	SH	SOLE	1	22,070,034	0	0
HRG GROUP INC	COM	40434J100	1,061	81,048	SH	SOLE	1	81,048	0	0
HSBC HOLDINGS PLC	COM	404280AH2	925	793,000	SH	SOLE	1	793,000	0	0
HUB GROUP INC CL A	COM	443320106	1,260	25,305	SH	SOLE	1	25,305	0	0
HUBBELL INC	COM	443510607	11,697	110,623	SH	SOLE	1	110,623	0	0
HUBSPOT INC	COM	443573100	2,962	23,620	SH	SOLE	1	23,620	0	0
HUDSON LTD CLASS A	COM	G46408103	453	25,921	SH	SOLE	1	25,921	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	105	2,975	SH	SOLE	1	2,975	0	0
HUMANA INC	COM	444859102	16,387	55,059	SH	SOLE	1	55,059	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,711	38,755	SH	SOLE	1	38,755	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,110	413,988	SH	SOLE	1	413,988	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,236	14,929	SH	SOLE	1	14,929	0	0
HUNTSMAN CORP	COM	447011107	119	4,062	SH	SOLE	1	4,062	0	0
HURCO COMPANIES INC	COM	447324104	181	4,050	SH	SOLE	1	4,050	0	0
HURON CONSULTING GROUP INC	COM	447462102	589	14,405	SH	SOLE	1	14,405	0	0
HYATT HOTELS CORP CL A	COM	448579102	65	846	SH	SOLE	1	846	0	0
HYSTER YALE MATERIALS	COM	449172105	434	6,755	SH	SOLE	1	6,755	0	0
IAC/INTERACTIVECORP	COM	44919P508	514	3,371	SH	SOLE	1	3,371	0	0
IBERIABANK CORP	COM	450828108	2,773	36,578	SH	SOLE	1	36,578	0	0
ICF INTERNATIONAL INC	COM	44925C103	837	11,782	SH	SOLE	1	11,782	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	350	16,497	SH	SOLE	1	16,497	0	0
ICU MEDICAL INC	COM	44930G107	9,033	30,761	SH	SOLE	1	30,761	0	0
IDACORP INC	COM	451107106	12,303	133,381	SH	SOLE	1	133,381	0	0
IDERA PHARMACEUTICALS INC	COM	45168K306	131	99,472	SH	SOLE	1	99,472	0	0
IDEX CORP	COM	45167R104	21,128	154,804	SH	SOLE	1	154,804	0	0
IDEXX LABORATORIES INC	COM	45168D104	7,380	33,864	SH	SOLE	1	33,864	0	0
IDT CORP CLASS B	COM	448947507	1	204	SH	SOLE	1	204	0	0
IES HOLDINGS INC	COM	44951W106	91	5,433	SH	SOLE	1	5,433	0	0
IGM FINANCIAL INC	COM	449586957	295	10,180	SH	SOLE	1	10,180	0	0
IHS MARKIT LTD	COM	G47567105	7,554	146,424	SH	SOLE	1	146,424	0	0
II VI INC	COM	902104108	2,035	46,828	SH	SOLE	1	46,828	0	0
ILG INC	COM	44967H101	9,235	279,590	SH	SOLE	1	279,590	0	0
ILLINOIS TOOL WORKS	COM	452308109	17,824	128,659	SH	SOLE	1	128,659	0	0
ILLUMINA INC	COM	452327109	17,078	61,147	SH	SOLE	1	61,147	0	0

IMAX CORP	COM	45245E109	792	35,770	SH	SOLE	1	35,770	0	0
IMMERSION CORPORATION	COM	452521107	305	19,760	SH	SOLE	1	19,760	0	0
IMMUNE DESIGN CORP	COM	45252L103	100	21,956	SH	SOLE	1	21,956	0	0
IMMUNOGEN INC	COM	45253H101	812	83,488	SH	SOLE	1	83,488	0	0
IMMUNOMEDICS INC	COM	452907108	2,032	85,863	SH	SOLE	1	85,863	0	0
IMPAC MORTGAGE HOLDINGS INC	COM	45254P508	61	6,390	SH	SOLE	1	6,390	0	0
IMPERVA INC	COM	45321L100	1,095	22,700	SH	SOLE	1	22,700	0	0
IMPINJ INC	COM	453204109	269	12,187	SH	SOLE	1	12,187	0	0
INCYTE CORP	COM	45337C102	5,249	78,346	SH	SOLE	1	78,346	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	92	22,361	SH	SOLE	1	22,361	0	0
INDEPENDENCE HOLDING CO	COM	453440307	101	3,042	SH	SOLE	1	3,042	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	693	67,190	SH	SOLE	1	67,190	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	365	14,313	SH	SOLE	1	14,313	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,647	21,011	SH	SOLE	1	21,011	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	920	13,771	SH	SOLE	1	13,771	0	0
INDUSTRIAL ALLIANCE INSURANC	COM	455871954	223	5,774	SH	SOLE	1	5,774	0	0
INDUSTRIAL LOGISTICS PROPERT	COM	456237106	294	13,151	SH	SOLE	1	13,151	0	0
INFINERA CORP	COM	45667G103	965	97,178	SH	SOLE	1	97,178	0	0
INFINITY PROPERTY & CASUALTY	COM	45665Q103	1,178	8,276	SH	SOLE	1	8,276	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	90	21,869	SH	SOLE	1	21,869	0	0
INFRAREIT INC	COM	45685L100	639	28,811	SH	SOLE	1	28,811	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	104	11,167	SH	SOLE	1	11,167	0	0
INGERSOLL RAND PLC	COM	G47791101	9,726	108,395	SH	SOLE	1	108,395	0	0
INGEVITY CORP	COM	45688C107	2,639	32,636	SH	SOLE	1	32,636	0	0
INGLES MARKETS INC CLASS A	COM	457030104	292	9,189	SH	SOLE	1	9,189	0	0
INGREDION INC	COM	457187102	16,298	147,226	SH	SOLE	1	147,226	0	0
INNERWORKINGS INC	COM	45773Y105	250	28,724	SH	SOLE	1	28,724	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	714	15,010	SH	SOLE	1	15,010	0	0
INNOSPEC INC	COM	45768S105	1,431	18,694	SH	SOLE	1	18,694	0	0
INNOVATE BIOPHARMACEUTICALS	COM	45782F105	284	12,051	SH	SOLE	1	12,051	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	153	4,182	SH	SOLE	1	4,182	0	0
INNOVIVA INC	COM	45781M101	733	53,121	SH	SOLE	1	53,121	0	0
INOGEN INC	COM	45780L104	2,526	13,559	SH	SOLE	1	13,559	0	0
INOVALON HOLDINGS INC A	COM	45781D101	445	44,884	SH	SOLE	1	44,884	0	0

INOVIO PHARMACEUTICALS INC	COM	45773H201	212	54,017	SH	SOLE	1	54,017	0	0
INPHI CORP	COM	45772F107	923	28,300	SH	SOLE	1	28,300	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,326	27,109	SH	SOLE	1	27,109	0	0
INSMED INC	COM	457669307	1,180	49,888	SH	SOLE	1	49,888	0	0
INSPERITY INC	COM	45778Q107	2,803	29,423	SH	SOLE	1	29,423	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	182	5,104	SH	SOLE	1	5,104	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	950	16,795	SH	SOLE	1	16,795	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	469	14,028	SH	SOLE	1	14,028	0	0
INSTRUCTURE INC	COM	45781U103	868	20,403	SH	SOLE	1	20,403	0	0
INSULET CORP	COM	45784P101	121	1,412	SH	SOLE	1	1,412	0	0
INSYS THERAPEUTICS INC	COM	45824V209	127	17,513	SH	SOLE	1	17,513	0	0
INTACT FINANCIAL CORP	COM	45823T957	571	8,048	SH	SOLE	1	8,048	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,530	23,663	SH	SOLE	1	23,663	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	9,167	142,324	SH	SOLE	1	142,324	0	0
INTEGRATED DEVICE TECH INC	COM	458118106	10,973	344,188	SH	SOLE	1	344,188	0	0
INTEL CORP	COM	458140100	113,017	2,273,529	SH	SOLE	1	2,273,529	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	592	21,645	SH	SOLE	1	21,645	0	0
INTELSAT SA	COM	L5140P101	433	26,003	SH	SOLE	1	26,003	0	0
INTER PARFUMS INC	COM	458334109	716	13,385	SH	SOLE	1	13,385	0	0
INTERACTIVE BROKERS GROUP CL A	COM	45841N107	9,288	144,199	SH	SOLE	1	144,199	0	0
INTERCEPT PHARMACEUTICALS INC	COM	45845P108	1,197	14,269	SH	SOLE	1	14,269	0	0
INTERCONTINENTAL EXCHANGE INC	COM	45866F104	16,631	226,114	SH	SOLE	1	226,114	0	0
INTERDIGITAL INC	COM	45867G101	7,429	91,834	SH	SOLE	1	91,834	0	0
INTERFACE INC	COM	458665304	1,046	45,565	SH	SOLE	1	45,565	0	0
INTERNAP CORP	COM	45885A409	136	13,082	SH	SOLE	1	13,082	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	6,169	144,131	SH	SOLE	1	144,131	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	43	1,865	SH	SOLE	1	1,865	0	0
INTERNATIONAL PAPER CO	COM	460146103	9,704	186,336	SH	SOLE	1	186,336	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	328	14,170	SH	SOLE	1	14,170	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	4,115	175,535	SH	SOLE	1	175,535	0	0
INTERSECT ENT INC	COM	46071F103	723	19,297	SH	SOLE	1	19,297	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	466,165	3,336,901	SH	SOLE	1	3,336,901	0	0
INTL FCSTONE INC	COM	46116V105	613	11,857	SH	SOLE	1	11,857	0	0

INTL FLAVORS & FRAGRANCES	COM	459506101	3,907	31,515	SH	SOLE	1	31,515	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,882	64,479	SH	SOLE	1	64,479	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	516	29,178	SH	SOLE	1	29,178	0	0
INTREPID POTASH INC	COM	46121Y102	255	62,236	SH	SOLE	1	62,236	0	0
INTREXON CORP	COM	46122T102	631	45,272	SH	SOLE	1	45,272	0	0
INTRICON CORP	COM	46121H109	160	3,977	SH	SOLE	1	3,977	0	0
INTUIT INC	COM	461202103	22,264	108,973	SH	SOLE	1	108,973	0	0
INTUITIVE SURGICAL INC	COM	46120E602	19,837	41,459	SH	SOLE	1	41,459	0	0
INVACARE CORP	COM	461203101	473	25,410	SH	SOLE	1	25,410	0	0
INVESCO LTD	COM	G491BT108	4,360	164,167	SH	SOLE	1	164,167	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,375	86,504	SH	SOLE	1	86,504	0	0
INVESTAR HOLDING CORP	COM	46134L105	160	5,788	SH	SOLE	1	5,788	0	0
INVESTMENT TECHNOLOGY GROUP	COM	46145F105	526	25,161	SH	SOLE	1	25,161	0	0
INVESTORS BANCORP INC	COM	46146L101	2,086	163,107	SH	SOLE	1	163,107	0	0
INVESTORS REAL ESTATE TRUST	COM	461730103	432	78,147	SH	SOLE	1	78,147	0	0
INVESTORS TITLE CO	COM	461804106	166	898	SH	SOLE	1	898	0	0
INVITAE CORP	COM	46185L103	306	41,599	SH	SOLE	1	41,599	0	0
INVITATION HOMES INC	COM	46187W107	128	5,562	SH	SOLE	1	5,562	0	0
ION GEOPHYSICAL CORP	COM	462044207	168	6,927	SH	SOLE	1	6,927	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	126	3,019	SH	SOLE	1	3,019	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	685	53,531	SH	SOLE	1	53,531	0	0
IPG PHOTONICS CORP	COM	44980X109	3,039	13,774	SH	SOLE	1	13,774	0	0
IQVIA HOLDINGS INC	COM	46266C105	5,069	50,782	SH	SOLE	1	50,782	0	0
IRADIMED CORP	COM	46266A109	47	2,281	SH	SOLE	1	2,281	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,256	15,481	SH	SOLE	1	15,481	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,168	72,530	SH	SOLE	1	72,530	0	0
IROBOT CORP	COM	462726100	1,587	20,951	SH	SOLE	1	20,951	0	0
IRON MOUNTAIN INC	COM	46284V101	3,449	98,509	SH	SOLE	1	98,509	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,726	90,250	SH	SOLE	1	90,250	0	0
ISHARES 1 3 YEAR TREASURY BOND	1-3 YR TR BD	464287457	2,518	30,200	SH	SOLE	1	30,200	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TR BD	464288653	210	1,600	SH	SOLE	1	1,600	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD	464287432	1,290	10,600	SH	SOLE	1	10,600	0	0
ISHARES 3 7 YEAR TREASURY BOND	3-7 YR TR BD	464288661	2,748	22,900	SH	SOLE	1	22,900	0	0
ISHARES 7 10 YEAR TREASURY BON	7-10 YR TR BD	464287440	759	7,400	SH	SOLE	1	7,400	0	0

ISHARES CORE S&P SMALL CAP ETF	CORE S&P	464287804	1,580	18,931	SH	SOLE	1	18,931	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV GRA	464287242	4,125	36,000	SH	SOLE	1	36,000	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE	464287465	21,939	327,600	SH	SOLE	1	327,600	0	0
ISHARES RUSSELL 2000 ETF	RUSS 2000	464287655	9,606	58,654	SH	SOLE	1	58,654	0	0
ISHARES RUSSELL MID CAP GROWTH	RUSS MID CAP	464287481	2,187	17,254	SH	SOLE	1	17,254	0	0
ISHARES RUSSELL MID CAP VALUE	RUSS MID VAL	464287473	390	4,412	SH	SOLE	1	4,412	0	0
ISHARES S&P 500 GROWTH ETF	S&P 500 GRW	464287309	4,565	28,076	SH	SOLE	1	28,076	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL	464287408	5,358	48,648	SH	SOLE	1	48,648	0	0
ISRAMCO INC	COM	465141406	59	482	SH	SOLE	1	482	0	0
ISTAR INC	COM	45031U101	458	42,406	SH	SOLE	1	42,406	0	0
ITERIS INC	COM	46564T107	80	16,565	SH	SOLE	1	16,565	0	0
ITRON INC	COM	465741106	1,573	26,193	SH	SOLE	1	26,193	0	0
ITT INC	COM	45073V108	9,195	175,904	SH	SOLE	1	175,904	0	0
J & J SNACK FOODS CORP	COM	466032109	1,765	11,574	SH	SOLE	1	11,574	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	93	8,368	SH	SOLE	1	8,368	0	0
J. JILL INC	COM	46620W102	100	10,704	SH	SOLE	1	10,704	0	0
J.C. PENNEY CO INC	COM	708160106	566	241,978	SH	SOLE	1	241,978	0	0
J2 GLOBAL INC	COM	48123V102	11,126	128,456	SH	SOLE	1	128,456	0	0
JABIL INC	COM	466313103	9,534	344,691	SH	SOLE	1	344,691	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	20,335	155,989	SH	SOLE	1	155,989	0	0
JACK IN THE BOX INC	COM	466367109	6,461	75,902	SH	SOLE	1	75,902	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	2,603	40,991	SH	SOLE	1	40,991	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	545	41,830	SH	SOLE	1	41,830	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	804	20,456	SH	SOLE	1	20,456	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	11,053	359,666	SH	SOLE	1	359,666	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	556	3,229	SH	SOLE	1	3,229	0	0
JBG SMITH PROPERTIES	COM	46590V100	6,846	187,720	SH	SOLE	1	187,720	0	0
JD.COM INC ADR	ADR	47215P106	2,052	52,685	SH	SOLE	1	52,685	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	4,092	179,954	SH	SOLE	1	179,954	0	0
Jefferies Financial Group Inc	COM	47233W109	6	263	SH	SOLE	2	263	0	0
JELD WEN HOLDING INC	COM	47580P103	1,306	45,691	SH	SOLE	1	45,691	0	0
JERNIGAN CAPITAL INC	COM	476405105	168	8,811	SH	SOLE	1	8,811	0	0
JETBLUE AIRWAYS CORP	COM	477143101	12,090	636,991	SH	SOLE	1	636,991	0	0



JM SMUCKER CO/THE	COM	832696405	4,784	44,509	SH	SOLE	1	44,509	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	494	6,635	SH	SOLE	1	6,635	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,149	24,177	SH	SOLE	1	24,177	0	0
JOHNSON & JOHNSON	COM	478160104	111,635	920,021	SH	SOLE	1	920,021	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	14,561	435,312	SH	SOLE	1	435,312	0	0
JOHNSON OUTDOORS INC A	COM	479167108	268	3,176	SH	SOLE	1	3,176	0	0
JONES LANG LASALLE INC	COM	48020Q107	15,663	94,361	SH	SOLE	1	94,361	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	79	10,271	SH	SOLE	1	10,271	0	0
JPMORGAN CHASE & CO	COM	46625H100	115,868	1,111,975	SH	SOLE	1	1,111,975	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,466	126,392	SH	SOLE	1	126,392	0	0
K12 INC	COM	48273U102	408	24,952	SH	SOLE	1	24,952	0	0
K2M GROUP HOLDINGS INC	COM	48273J107	603	26,822	SH	SOLE	1	26,822	0	0
KADANT INC	COM	48282T104	685	7,125	SH	SOLE	1	7,125	0	0
KADMON HOLDINGS INC	COM	48283N106	181	45,254	SH	SOLE	1	45,254	0	0
KAISER ALUMINUM CORP	COM	483007704	1,318	12,660	SH	SOLE	1	12,660	0	0
KALA PHARMACEUTICALS INC	COM	483119103	104	7,583	SH	SOLE	1	7,583	0	0
KAMAN CORP	COM	483548103	1,485	21,313	SH	SOLE	1	21,313	0	0
KANSAS CITY SOUTHERN	COM	485170302	3,838	36,224	SH	SOLE	1	36,224	0	0
KAPSTONE PAPER AND PACKAGING	COM	48562P103	2,336	67,707	SH	SOLE	1	67,707	0	0
KAR AUCTION SERVICES INC	COM	48238T109	881	16,077	SH	SOLE	1	16,077	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	537	31,582	SH	SOLE	1	31,582	0	0
KB HOME	COM	48666K109	6,112	224,381	SH	SOLE	1	224,381	0	0
KBR INC	COM	48242W106	6,672	372,316	SH	SOLE	1	372,316	0	0
KEANE GROUP INC	COM	48669A108	491	35,902	SH	SOLE	1	35,902	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	850	63,233	SH	SOLE	1	63,233	0	0
KELLOGG CO	COM	487836108	498,797	7,138,932	SH	SOLE	1	7,138,932	0	0
KELLY SERVICES INC A	COM	488152208	540	24,034	SH	SOLE	1	24,034	0	0
KEMET CORP	COM	488360207	1,018	42,166	SH	SOLE	1	42,166	0	0
KEMPER CORP	COM	488401100	9,351	123,606	SH	SOLE	1	123,606	0	0
KENNAMETAL INC	COM	489170100	7,749	215,855	SH	SOLE	1	215,855	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,727	81,649	SH	SOLE	1	81,649	0	0
KERYX BIOPHARMACEUTICALS	COM	492515101	232	61,576	SH	SOLE	1	61,576	0	0
KEY ENERGY SERVICES INC	COM	49309J103	108	6,660	SH	SOLE	1	6,660	0	0
KEYCORP	COM	493267108	8,287	424,119	SH	SOLE	1	424,119	0	0

KEYSIGHT TECHNOLOGIES IN	COM	49338L103	22,205	376,169	SH	SOLE	1	376,169	0	0
KEYW HOLDING CORP/THE	COM	493723100	277	31,703	SH	SOLE	1	31,703	0	0
KFORCE INC	COM	493732101	515	15,019	SH	SOLE	1	15,019	0	0
KILROY REALTY CORP	COM	49427F108	15,044	198,892	SH	SOLE	1	198,892	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	309	16,877	SH	SOLE	1	16,877	0	0
KIMBALL INTERNATIONAL B	COM	494274103	381	23,559	SH	SOLE	1	23,559	0	0
KIMBERLY CLARK CORP	COM	494368103	441,846	4,194,473	SH	SOLE	1	4,194,473	0	0
KIMCO REALTY CORP	COM	49446R109	2,442	143,712	SH	SOLE	1	143,712	0	0
KINDER MORGAN INC	COM	49456B101	12,927	731,564	SH	SOLE	1	731,564	0	0
KINDRED BIOSCIENCES INC	COM	494577109	180	16,857	SH	SOLE	1	16,857	0	0
KINDRED HEALTHCARE INC	COM	494580103	618	68,678	SH	SOLE	1	68,678	0	0
KINGSTONE COS INC	COM	496719105	102	6,043	SH	SOLE	1	6,043	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	698	12,719	SH	SOLE	1	12,719	0	0
KIRBY CORP	COM	497266106	9,048	108,231	SH	SOLE	1	108,231	0	0
KIRKLAND S INC	COM	497498105	141	12,136	SH	SOLE	1	12,136	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,091	63,876	SH	SOLE	1	63,876	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	206	10,393	SH	SOLE	1	10,393	0	0
KLA TENCOR CORP	COM	482480100	8,187	79,847	SH	SOLE	1	79,847	0	0
KLONDEX MINES LTD	COM	498696103	203	87,769	SH	SOLE	1	87,769	0	0
KLX INC	COM	482539103	9,630	133,939	SH	SOLE	1	133,939	0	0
KMG CHEMICALS INC	COM	482564101	707	9,578	SH	SOLE	1	9,578	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,874	258,407	SH	SOLE	1	258,407	0	0
KNOLL INC	COM	498904200	657	31,551	SH	SOLE	1	31,551	0	0
KNOWLES CORP	COM	49926D109	1,035	67,635	SH	SOLE	1	67,635	0	0
KOHL'S CORP	COM	500255104	7,961	109,199	SH	SOLE	1	109,199	0	0
KOPIN CORP	COM	500600101	136	47,656	SH	SOLE	1	47,656	0	0
KOPPERS HOLDINGS INC	COM	50060P106	611	15,934	SH	SOLE	1	15,934	0	0
KORN/FERRY INTERNATIONAL	COM	500643200	2,696	43,540	SH	SOLE	1	43,540	0	0
KOSMOS ENERGY LTD	COM	G5315B107	39	4,676	SH	SOLE	1	4,676	0	0
KRAFT HEINZ CO/THE	COM	500754106	368,478	5,865,612	SH	SOLE	1	5,865,612	0	0
KRAFT HEINZ FOODS CO	COM	50076QAR7	2,358	2,000,000	SH	SOLE	1	2,000,000	0	0
KRATON CORP	COM	50077C106	1,107	23,993	SH	SOLE	1	23,993	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	661	57,396	SH	SOLE	1	57,396	0	0
KROGER CO	COM	501044101	12,308	432,606	SH	SOLE	1	432,606	0	0
KRONOS WORLDWIDE INC	COM	50105F105	333	14,767	SH	SOLE	1	14,767	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	196	8,223	SH	SOLE	1	8,223	0	0

KURA ONCOLOGY INC	COM	50127T109	295	16,189	SH	SOLE	1	16,189	0	0
KVH INDUSTRIES INC	COM	482738101	141	10,543	SH	SOLE	1	10,543	0	0
L BRANDS INC	COM	501797104	366,830	9,946,582	SH	SOLE	1	9,946,582	0	0
L3 TECHNOLOGIES INC	COM	502413107	5,116	26,603	SH	SOLE	1	26,603	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	408	13,970	SH	SOLE	1	13,970	0	0
LA Z BOY INC	COM	505336107	1,102	36,019	SH	SOLE	1	36,019	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	7,887	43,934	SH	SOLE	1	43,934	0	0
LADDER CAPITAL CORP REIT	COM	505743104	885	56,670	SH	SOLE	1	56,670	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	225	66,318	SH	SOLE	1	66,318	0	0
LAKELAND BANCORP INC	COM	511637100	582	29,323	SH	SOLE	1	29,323	0	0
LAKELAND FINANCIAL CORP	COM	511656100	766	15,898	SH	SOLE	1	15,898	0	0
LAM RESEARCH CORP	COM	512807108	12,021	69,548	SH	SOLE	1	69,548	0	0
LAMAR ADVERTISING CO A	COM	512816109	11,582	169,550	SH	SOLE	1	169,550	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	20,163	294,313	SH	SOLE	1	294,313	0	0
LANCASTER COLONY CORP	COM	513847103	7,089	51,212	SH	SOLE	1	51,212	0	0
LANDEC CORP	COM	514766104	263	17,661	SH	SOLE	1	17,661	0	0
LANDS END INC	COM	51509F105	191	6,843	SH	SOLE	1	6,843	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,271	84,896	SH	SOLE	1	84,896	0	0
LANNETT CO INC	COM	516012101	306	22,532	SH	SOLE	1	22,532	0	0
LANTHEUS HOLDINGS INC	COM	516544103	404	27,797	SH	SOLE	1	27,797	0	0
LAREDO PETROLEUM INC	COM	516806106	975	101,355	SH	SOLE	1	101,355	0	0
LAS VEGAS SANDS CORP	COM	517834107	1,181	15,468	SH	SOLE	1	15,468	0	0
LASALLE HOTEL PROPERTIES	COM	517942108	10,006	292,313	SH	SOLE	1	292,313	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	500	76,290	SH	SOLE	1	76,290	0	0
LAUREATE EDUCATION INC A	COM	518613203	471	32,849	SH	SOLE	1	32,849	0	0
LAWSON PRODUCTS INC	COM	520776105	106	4,353	SH	SOLE	1	4,353	0	0
LAZARD LTD CL A	COM	G54050102	950	19,415	SH	SOLE	1	19,415	0	0
LCI INDUSTRIES	COM	50189K103	1,706	18,923	SH	SOLE	1	18,923	0	0
LCNB CORPORATION	COM	50181P100	115	5,859	SH	SOLE	1	5,859	0	0
LEAF GROUP LTD	COM	52177G102	115	10,645	SH	SOLE	1	10,645	0	0
LEAR CORP	COM	521865204	2,323	12,503	SH	SOLE	1	12,503	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,407	36,051	SH	SOLE	1	36,051	0	0
LEGG MASON INC	COM	524901105	7,863	226,416	SH	SOLE	1	226,416	0	0
LEGGETT & PLATT INC	COM	524660107	1,986	44,500	SH	SOLE	1	44,500	0	0

LEIDOS HOLDINGS INC	COM	525327102	16,943	287,166	SH	SOLE	1	287,166	0	0
LEMAITRE VASCULAR INC	COM	525558201	404	12,078	SH	SOLE	1	12,078	0	0
LENDINGCLUB CORP	COM	52603A109	781	205,997	SH	SOLE	1	205,997	0	0
LENDINGTREE INC	COM	52603B107	4,437	20,751	SH	SOLE	1	20,751	0	0
LENNAR CORP B SHS	COM	526057302	14	337	SH	SOLE	1	337	0	0
LENNAR CORP A	COM	526057104	4,826	91,916	SH	SOLE	1	91,916	0	0
LENNOX INTERNATIONAL INC	COM	526107107	14,989	74,891	SH	SOLE	1	74,891	0	0
LEVEL ONE BANCORP INC	COM	52730D208	25	908	SH	SOLE	1	908	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	338	28,151	SH	SOLE	1	28,151	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,450	166,101	SH	SOLE	1	166,101	0	0
LGI HOMES INC	COM	50187T106	820	14,206	SH	SOLE	1	14,206	0	0
LHC GROUP INC	COM	50187A107	2,020	23,606	SH	SOLE	1	23,606	0	0
LIBERTY BROADBAND A	COM	530307107	36	475	SH	SOLE	1	475	0	0
LIBERTY BROADBAND C	COM	530307305	147	1,938	SH	SOLE	1	1,938	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	1,560	35,497	SH	SOLE	1	35,497	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	1,054	39,599	SH	SOLE	1	39,599	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	507	18,423	SH	SOLE	1	18,423	0	0
LIBERTY LATIN AMERIC CL A	COM	G9001E102	541	28,311	SH	SOLE	1	28,311	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,436	74,088	SH	SOLE	1	74,088	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	71	1,569	SH	SOLE	1	1,569	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	410	9,039	SH	SOLE	1	9,039	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	167	6,479	SH	SOLE	1	6,479	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	601	23,226	SH	SOLE	1	23,226	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	16	462	SH	SOLE	1	462	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	136	3,675	SH	SOLE	1	3,675	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	181	9,671	SH	SOLE	1	9,671	0	0
LIBERTY PROPERTY TRUST	COM	531172104	13,185	297,438	SH	SOLE	1	297,438	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	762	47,320	SH	SOLE	1	47,320	0	0
LIFE STORAGE INC	COM	53223X107	9,110	93,623	SH	SOLE	1	93,623	0	0
LIFEPOINT HEALTH INC	COM	53219L109	4,903	100,481	SH	SOLE	1	100,481	0	0
LIFETIME BRANDS INC	COM	53222Q103	97	7,670	SH	SOLE	1	7,670	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	3,349	16,166	SH	SOLE	1	16,166	0	0
LILIS ENERGY INC	COM	532403201	151	28,977	SH	SOLE	1	28,977	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	313	69,938	SH	SOLE	1	69,938	0	0

LIMONEIRA CO	COM	532746104	196	7,968	SH	SOLE	1	7,968	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,928	124,517	SH	SOLE	1	124,517	0	0
LINCOLN NATIONAL CORP	COM	534187109	5,413	86,949	SH	SOLE	1	86,949	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	184	13,883	SH	SOLE	1	13,883	0	0
LINDSAY CORP	COM	535555106	802	8,272	SH	SOLE	1	8,272	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	23	937	SH	SOLE	1	937	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	43	1,829	SH	SOLE	1	1,829	0	0
LIQUIDITY SERVICES INC	COM	53635B107	132	20,094	SH	SOLE	1	20,094	0	0
LITHIA MOTORS INC CL A	COM	536797103	1,728	18,275	SH	SOLE	1	18,275	0	0
LITTELFUSE INC	COM	537008104	11,488	50,345	SH	SOLE	1	50,345	0	0
LIVANOVA PLC	COM	G5509L101	11,844	118,652	SH	SOLE	1	118,652	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	13,311	274,062	SH	SOLE	1	274,062	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	508	16,584	SH	SOLE	1	16,584	0	0
LIVEPERSON INC	COM	538146101	916	43,403	SH	SOLE	1	43,403	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	18	3,130	SH	SOLE	1	3,130	0	0
LKQ CORP	COM	501889208	3,642	114,179	SH	SOLE	1	114,179	0	0
LOCKHEED MARTIN CORP	COM	539830109	33,585	113,682	SH	SOLE	1	113,682	0	0
LOEWS CORP	COM	540424108	9,406	194,825	SH	SOLE	1	194,825	0	0
LOGMEIN INC	COM	54142L109	10,868	105,257	SH	SOLE	1	105,257	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	315	8,367	SH	SOLE	1	8,367	0	0
LOUISIANA PACIFIC CORP	COM	546347105	11,535	423,772	SH	SOLE	1	423,772	0	0
LOWE S COS INC	COM	548661107	30,958	323,935	SH	SOLE	1	323,935	0	0
LOXO ONCOLOGY INC	COM	548862101	3,001	17,296	SH	SOLE	1	17,296	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	140	2,136	SH	SOLE	1	2,136	0	0
LSB INDUSTRIES INC	COM	502160104	87	16,477	SH	SOLE	1	16,477	0	0
LSC COMMUNICATIONS INC	COM	50218P107	413	26,349	SH	SOLE	1	26,349	0	0
LTC PROPERTIES INC	COM	502175102	1,297	30,351	SH	SOLE	1	30,351	0	0
LULULEMON ATHLETICA INC	COM	550021109	296	2,373	SH	SOLE	1	2,373	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	534	21,939	SH	SOLE	1	21,939	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	9,628	166,281	SH	SOLE	1	166,281	0	0
LUMINEX CORP	COM	55027E102	943	31,933	SH	SOLE	1	31,933	0	0
LUTHER BURBANK CORP	COM	550550107	107	9,262	SH	SOLE	1	9,262	0	0
LYDALL INC	COM	550819106	571	13,091	SH	SOLE	1	13,091	0	0
LYONDELLBASELL INDU CL A	COM	N53745100	532,391	4,846,528	SH	SOLE	1	4,846,528	0	0

M & T BANK CORP	COM	55261F104	13,747	80,796	SH	SOLE	1	80,796	0	0
M/I HOMES INC	COM	55305B101	568	21,444	SH	SOLE	1	21,444	0	0
MACATAWA BANK CORP	COM	554225102	206	16,951	SH	SOLE	1	16,951	0	0
MACERICH CO/THE	COM	554382101	2,241	39,442	SH	SOLE	1	39,442	0	0
MACK CALI REALTY CORP	COM	554489104	4,841	238,696	SH	SOLE	1	238,696	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	680	29,526	SH	SOLE	1	29,526	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	62	1,480	SH	SOLE	1	1,480	0	0
MACROGENICS INC	COM	556099109	527	25,538	SH	SOLE	1	25,538	0	0
MACY S INC	COM	55616P104	669,267	17,880,506	SH	SOLE	1	17,880,506	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	110	354	SH	SOLE	1	354	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,059	3,785	SH	SOLE	1	3,785	0	0
MAGELLAN HEALTH INC	COM	559079207	1,820	18,969	SH	SOLE	1	18,969	0	0
MAIDEN HOLDINGS LTD	COM	G5753U112	407	52,504	SH	SOLE	1	52,504	0	0
MAJESCO	COM	56068V102	22	3,653	SH	SOLE	1	3,653	0	0
MALIBU BOATS INC A	COM	56117J100	559	13,338	SH	SOLE	1	13,338	0	0
MALLINCKRODT PLC	COM	G5785G107	4,092	219,301	SH	SOLE	1	219,301	0	0
MALVERN BANCORP INC	COM	561409103	101	4,162	SH	SOLE	1	4,162	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	188	5,523	SH	SOLE	1	5,523	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	6,339	134,845	SH	SOLE	1	134,845	0	0
MANITEX INTERNATIONAL INC	COM	563420108	118	9,469	SH	SOLE	1	9,469	0	0
MANITOWOC COMPANY INC	COM	563571405	595	23,019	SH	SOLE	1	23,019	0	0
MANNKIND CORP	COM	56400P706	173	91,251	SH	SOLE	1	91,251	0	0
MANPOWERGROUP INC	COM	56418H100	11,402	132,487	SH	SOLE	1	132,487	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,093	20,377	SH	SOLE	1	20,377	0	0
MANULIFE FINANCIAL CORP	COM	56501R957	567	31,548	SH	SOLE	1	31,548	0	0
MARATHON OIL CORP	COM	565849106	9,691	464,551	SH	SOLE	1	464,551	0	0
MARATHON PETROLEUM CORP	COM	56585A102	10,383	147,990	SH	SOLE	1	147,990	0	0
MARCUS & MILLICHAP INC	COM	566324109	494	12,669	SH	SOLE	1	12,669	0	0
MARCUS CORPORATION	COM	566330106	479	14,744	SH	SOLE	1	14,744	0	0
MARINE PRODUCTS CORP	COM	568427108	87	4,898	SH	SOLE	1	4,898	0	0
MARINEMAX INC	COM	567908108	315	16,619	SH	SOLE	1	16,619	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	168	23,718	SH	SOLE	1	23,718	0	0
MARKEL CORP	COM	570535104	830	765	SH	SOLE	1	765	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	15,012	75,873	SH	SOLE	1	75,873	0	0

MARLIN BUSINESS SERVICES INC	COM	571157106	169	5,650	SH	SOLE	1	5,650	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	14,160	111,846	SH	SOLE	1	111,846	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	1,898	16,804	SH	SOLE	1	16,804	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	65	35,540	SH	SOLE	1	35,540	0	0
MARSH & MCLENNAN COS	COM	571748102	14,970	182,630	SH	SOLE	1	182,630	0	0
MARTEN TRANSPORT LTD	COM	573075108	706	30,093	SH	SOLE	1	30,093	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,237	23,450	SH	SOLE	1	23,450	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	159	7,420	SH	SOLE	1	7,420	0	0
MASCO CORP	COM	574599106	5,580	149,125	SH	SOLE	1	149,125	0	0
MASIMO CORP	COM	574795100	9,383	96,088	SH	SOLE	1	96,088	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,282	17,846	SH	SOLE	1	17,846	0	0
MASTEC INC	COM	576323109	2,145	42,262	SH	SOLE	1	42,262	0	0
MASTERCARD INC A	COM	57636Q104	71,204	362,324	SH	SOLE	1	362,324	0	0
MATADOR RESOURCES CO	COM	576485205	8,138	270,799	SH	SOLE	1	270,799	0	0
MATCH GROUP INC	COM	57665R106	48	1,249	SH	SOLE	1	1,249	0	0
MATERION CORP	COM	576690101	840	15,510	SH	SOLE	1	15,510	0	0
MATRIX SERVICE CO	COM	576853105	375	20,438	SH	SOLE	1	20,438	0	0
MATSON INC	COM	57686G105	1,254	32,680	SH	SOLE	1	32,680	0	0
MATTEL INC	COM	577081102	2,317	141,093	SH	SOLE	1	141,093	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	1,420	24,154	SH	SOLE	1	24,154	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	49	4,418	SH	SOLE	1	4,418	0	0
MAXAR TECHNOLOGIES LTD	COM	57778L103	1,865	36,911	SH	SOLE	1	36,911	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	1,632	27,815	SH	SOLE	1	27,815	0	0
MAXIMUS INC	COM	577933104	10,706	172,370	SH	SOLE	1	172,370	0	0
MAXLINEAR INC	COM	57776J100	750	48,111	SH	SOLE	1	48,111	0	0
MAXWELL TECHNOLOGIES INC	COM	577767106	115	22,165	SH	SOLE	1	22,165	0	0
MB FINANCIAL INC	COM	55264U108	10,356	221,765	SH	SOLE	1	221,765	0	0
MBIA INC	COM	55262C100	521	57,669	SH	SOLE	1	57,669	0	0
MBT FINANCIAL CORP	COM	578877102	124	11,651	SH	SOLE	1	11,651	0	0
MCBC HOLDINGS INC	COM	55276F107	348	12,013	SH	SOLE	1	12,013	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	4,949	42,628	SH	SOLE	1	42,628	0	0
MCDERMOTT INTL INC	COM	580037703	9,343	475,449	SH	SOLE	1	475,449	0	0
MCDONALD S CORP	COM	580135101	48,877	311,935	SH	SOLE	1	311,935	0	0
MCGRATH RENTCORP	COM	580589109	994	15,708	SH	SOLE	1	15,708	0	0
MCKESSON CORP	COM	58155Q103	8,636	64,739	SH	SOLE	1	64,739	0	0

MDC HOLDINGS INC	COM	552676108	1,074	34,893	SH	SOLE	1	34,893	0	0
MDC PARTNERS INC A	COM	552697104	174	37,851	SH	SOLE	1	37,851	0	0
MDU RESOURCES GROUP INC	COM	552690109	11,273	393,051	SH	SOLE	1	393,051	0	0
MEDEQUITIES REALTY TRUST INC	COM	58409L306	205	18,643	SH	SOLE	1	18,643	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	10,306	734,047	SH	SOLE	1	734,047	0	0
MEDICINES COMPANY	COM	584688105	1,929	52,553	SH	SOLE	1	52,553	0	0
MEDICINOVA INC	COM	58468P206	203	25,503	SH	SOLE	1	25,503	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	12,544	155,710	SH	SOLE	1	155,710	0	0
MEDIFAST INC	COM	58470H101	1,422	8,878	SH	SOLE	1	8,878	0	0
MEDNAX INC	COM	58502B106	8,229	190,145	SH	SOLE	1	190,145	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	334	7,764	SH	SOLE	1	7,764	0	0
MEDTRONIC PLC	COM	G5960L103	36,569	427,162	SH	SOLE	1	427,162	0	0
MEET GROUP INC/THE	COM	58513U101	203	45,392	SH	SOLE	1	45,392	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	845	30,174	SH	SOLE	1	30,174	0	0
MELINTA THERAPEUTICS INC	COM	58549G100	80	12,665	SH	SOLE	1	12,665	0	0
MENLO THERAPEUTICS INC	COM	586858102	34	4,186	SH	SOLE	1	4,186	0	0
MERCADOLIBRE INC	COM	58733R102	925	3,096	SH	SOLE	1	3,096	0	0
MERCANTILE BANK CORP	COM	587376104	391	10,574	SH	SOLE	1	10,574	0	0
MERCHANTS BANCORP/IN	COM	58844R108	300	10,498	SH	SOLE	1	10,498	0	0
MERCK & CO. INC.	COM	58933Y105	530,964	8,747,355	SH	SOLE	1	8,747,355	0	0
MERCURY GENERAL CORP	COM	589400100	4,429	97,217	SH	SOLE	1	97,217	0	0
MERCURY SYSTEMS INC	COM	589378108	1,384	36,353	SH	SOLE	1	36,353	0	0
MEREDITH CORP	COM	589433101	5,354	104,983	SH	SOLE	1	104,983	0	0
MERIDIAN BANCORP INC	COM	58958U103	600	31,319	SH	SOLE	1	31,319	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	511	32,108	SH	SOLE	1	32,108	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,945	37,987	SH	SOLE	1	37,987	0	0
MERITAGE HOMES CORP	COM	59001A102	1,310	29,797	SH	SOLE	1	29,797	0	0
MERITOR INC	COM	59001K100	1,129	54,873	SH	SOLE	1	54,873	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	145	8,113	SH	SOLE	1	8,113	0	0
MESA LABORATORIES INC	COM	59064R109	454	2,153	SH	SOLE	1	2,153	0	0
META FINANCIAL GROUP INC	COM	59100U108	697	7,151	SH	SOLE	1	7,151	0	0
METHODE ELECTRONICS INC	COM	591520200	1,123	27,865	SH	SOLE	1	27,865	0	0
METLIFE INC	COM	59156R108	14,201	325,703	SH	SOLE	1	325,703	0	0



METROPOLITAN BANK HOLDING CO	COM	591774104	223	4,248	SH	SOLE	1	4,248	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	4,886	8,444	SH	SOLE	1	8,444	0	0
MFA FINANCIAL INC	COM	55272X102	56	7,392	SH	SOLE	1	7,392	0	0
MGE ENERGY INC	COM	55277P104	1,435	22,752	SH	SOLE	1	22,752	0	0
MGIC INVESTMENT CORP	COM	552848103	2,591	241,728	SH	SOLE	1	241,728	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	4,875	167,940	SH	SOLE	1	167,940	0	0
MGP INGREDIENTS INC	COM	55303J106	899	10,121	SH	SOLE	1	10,121	0	0
MICHAEL KORS HOLDINGS LTD	COM	G60754101	3,553	53,349	SH	SOLE	1	53,349	0	0
MICHAELS COS INC/THE	COM	59408Q106	4,286	223,558	SH	SOLE	1	223,558	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	9,666	106,281	SH	SOLE	1	106,281	0	0
MICRON TECHNOLOGY INC	COM	595112103	24,958	475,941	SH	SOLE	1	475,941	0	0
MICROSOFT CORP	COM	594918104	319,027	3,235,237	SH	SOLE	1	3,235,237	0	0
MICROSTRATEGY INC CL A	COM	594972408	933	7,307	SH	SOLE	1	7,307	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,054	40,266	SH	SOLE	1	40,266	0	0
MID PENN BANCORP INC	COM	59540G107	107	3,063	SH	SOLE	1	3,063	0	0
MIDDLEBY CORP	COM	596278101	125	1,198	SH	SOLE	1	1,198	0	0
MIDDLEFIELD BANC CORP	COM	596304204	101	1,983	SH	SOLE	1	1,983	0	0
MIDDLESEX WATER CO	COM	596680108	437	10,374	SH	SOLE	1	10,374	0	0
MIDLAND STATES BANCORP INC	COM	597742105	471	13,744	SH	SOLE	1	13,744	0	0
MIDSOUTH BANCORP INC	COM	598039105	129	9,745	SH	SOLE	1	9,745	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	133	9,766	SH	SOLE	1	9,766	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	246	7,268	SH	SOLE	1	7,268	0	0
MILACRON HOLDINGS CORP	COM	59870L106	855	45,184	SH	SOLE	1	45,184	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	184	7,193	SH	SOLE	1	7,193	0	0
MIMEDX GROUP INC	COM	602496101	509	79,616	SH	SOLE	1	79,616	0	0
MINDBODY INC CLASS A	COM	60255W105	1,080	27,985	SH	SOLE	1	27,985	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	7,051	93,574	SH	SOLE	1	93,574	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	165	19,941	SH	SOLE	1	19,941	0	0
MIRAGEN THERAPEUTICS INC	COM	60463E103	107	16,710	SH	SOLE	1	16,710	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	582	11,799	SH	SOLE	1	11,799	0	0
MISTRAS GROUP INC	COM	60649T107	215	11,407	SH	SOLE	1	11,407	0	0
MITEK SYSTEMS INC	COM	606710200	190	21,318	SH	SOLE	1	21,318	0	0
MKS INSTRUMENTS INC	COM	55306N104	10,560	110,345	SH	SOLE	1	110,345	0	0

MOBILE MINI INC	COM	60740F105	1,607	34,263	SH	SOLE	1	34,263	0	0
MOBILEIRON INC	COM	60739U204	206	46,232	SH	SOLE	1	46,232	0	0
MODEL N INC	COM	607525102	306	16,425	SH	SOLE	1	16,425	0	0
MODINE MANUFACTURING CO	COM	607828100	589	32,277	SH	SOLE	1	32,277	0	0
MOELIS & CO CLASS A	COM	60786M105	1,493	25,461	SH	SOLE	1	25,461	0	0
MOHAWK INDUSTRIES INC	COM	608190104	5,555	25,924	SH	SOLE	1	25,924	0	0
MOLECULAR TEMPLATES INC	COM	608550109	31	5,885	SH	SOLE	1	5,885	0	0
MOLINA HEALTHCARE INC	COM	60855R100	9,416	96,143	SH	SOLE	1	96,143	0	0
MOLSON COORS BREWING CO B	COM	60871R209	4,254	62,522	SH	SOLE	1	62,522	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,211	59,221	SH	SOLE	1	59,221	0	0
MONARCH CASINO & RESORT INC	COM	609027107	384	8,723	SH	SOLE	1	8,723	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	23,455	572,073	SH	SOLE	1	572,073	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	135	20,116	SH	SOLE	1	20,116	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	821	49,649	SH	SOLE	1	49,649	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	10,477	78,376	SH	SOLE	1	78,376	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	650	32,015	SH	SOLE	1	32,015	0	0
MONRO INC	COM	610236101	1,433	24,656	SH	SOLE	1	24,656	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,315	180,026	SH	SOLE	1	180,026	0	0
MOODY S CORP	COM	615369105	10,427	61,131	SH	SOLE	1	61,131	0	0
MOOG INC CLASS A	COM	615394202	1,931	24,773	SH	SOLE	1	24,773	0	0
MORGAN STANLEY	COM	617446448	20,702	436,745	SH	SOLE	1	436,745	0	0
MORNINGSTAR INC	COM	617700109	56	439	SH	SOLE	1	439	0	0
MOSAIC CO/THE	COM	61945C103	4,168	148,580	SH	SOLE	1	148,580	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	274	14,666	SH	SOLE	1	14,666	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	7,518	64,602	SH	SOLE	1	64,602	0	0
MOVADO GROUP INC	COM	624580106	585	12,113	SH	SOLE	1	12,113	0	0
MRC GLOBAL INC	COM	55345K103	1,187	54,764	SH	SOLE	1	54,764	0	0
MSA SAFETY INC	COM	553498106	8,691	90,213	SH	SOLE	1	90,213	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	7,839	92,387	SH	SOLE	1	92,387	0	0
MSCI INC	COM	55354G100	5,296	32,012	SH	SOLE	1	32,012	0	0
MSG NETWORKS INC A	COM	553573106	934	39,006	SH	SOLE	1	39,006	0	0
MTGE INVESTMENT CORP	COM	55378A105	550	28,066	SH	SOLE	1	28,066	0	0
MTS SYSTEMS CORP	COM	553777103	725	13,765	SH	SOLE	1	13,765	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,292	43,788	SH	SOLE	1	43,788	0	0

MUELLER WATER PRODUCTS INC A	COM	624758108	1,181	100,797	SH	SOLE	1	100,797	0	0
MULTI COLOR CORP	COM	625383104	691	10,695	SH	SOLE	1	10,695	0	0
MURPHY OIL CORP	COM	626717102	11,056	327,393	SH	SOLE	1	327,393	0	0
MURPHY USA INC	COM	626755102	6,082	81,874	SH	SOLE	1	81,874	0	0
MUSTANG BIO INC	COM	62818Q104	75	10,853	SH	SOLE	1	10,853	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	144	3,807	SH	SOLE	1	3,807	0	0
MVB FINANCIAL CORP	COM	553810102	99	5,481	SH	SOLE	1	5,481	0	0
MYERS INDUSTRIES INC	COM	628464109	444	23,138	SH	SOLE	1	23,138	0	0
MYLAN NV	COM	N59465109	7,378	204,158	SH	SOLE	1	204,158	0	0
MYOKARDIA INC	COM	62857M105	987	19,872	SH	SOLE	1	19,872	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	441	12,448	SH	SOLE	1	12,448	0	0
MYRIAD GENETICS INC	COM	62855J104	1,908	51,060	SH	SOLE	1	51,060	0	0
N B T BANCORP INC	COM	628778102	1,257	32,960	SH	SOLE	1	32,960	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	4,545	709,087	SH	SOLE	1	709,087	0	0
NACCO INDUSTRIES CL A	COM	629579103	83	2,456	SH	SOLE	1	2,456	0	0
NANOMETRICS INC	COM	630077105	621	17,537	SH	SOLE	1	17,537	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	194	14,164	SH	SOLE	1	14,164	0	0
NANTHEALTH INC	COM	630104107	44	13,318	SH	SOLE	1	13,318	0	0
NANTKWEST INC	COM	63016Q102	55	18,113	SH	SOLE	1	18,113	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	113	7,722	SH	SOLE	1	7,722	0	0
NASDAQ INC	COM	631103108	4,171	45,699	SH	SOLE	1	45,699	0	0
NATERA INC	COM	632307104	361	19,182	SH	SOLE	1	19,182	0	0
NATHAN S FAMOUS INC	COM	632347100	175	1,860	SH	SOLE	1	1,860	0	0
NATIONAL BANK HOLD CL A	COM	633707104	848	21,967	SH	SOLE	1	21,967	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	204	4,406	SH	SOLE	1	4,406	0	0
NATIONAL BEVERAGE CORP	COM	635017106	819	7,665	SH	SOLE	1	7,665	0	0
NATIONAL CINEMEDIA INC	COM	635309107	422	50,265	SH	SOLE	1	50,265	0	0
NATIONAL COMMERCE CORP	COM	63546L102	449	9,704	SH	SOLE	1	9,704	0	0
NATIONAL FUEL GAS CO	COM	636180101	9,154	172,852	SH	SOLE	1	172,852	0	0
NATIONAL GENERAL HLDGS	COM	636220303	1,057	40,158	SH	SOLE	1	40,158	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	556	7,904	SH	SOLE	1	7,904	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,113	217,087	SH	SOLE	1	217,087	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	8,259	190,297	SH	SOLE	1	190,297	0	0
NATIONAL PRESTO INDS INC	COM	637215104	475	3,832	SH	SOLE	1	3,832	0	0

NATIONAL RESEARCH CORP	COM	637372202	269	7,187	SH	SOLE	1	7,187	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	13,611	309,628	SH	SOLE	1	309,628	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,202	38,990	SH	SOLE	1	38,990	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	810	22,161	SH	SOLE	1	22,161	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	457	1,486	SH	SOLE	1	1,486	0	0
NATIONSTAR MORTGAGE HOLDINGS	COM	63861C109	335	19,104	SH	SOLE	1	19,104	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,933	26,240	SH	SOLE	1	26,240	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	192	8,132	SH	SOLE	1	8,132	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	75	5,879	SH	SOLE	1	5,879	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	120	4,799	SH	SOLE	1	4,799	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	52	5,554	SH	SOLE	1	5,554	0	0
NATUS MEDICAL INC	COM	639050103	862	24,981	SH	SOLE	1	24,981	0	0
NAUTILUS INC	COM	63910B102	362	23,088	SH	SOLE	1	23,088	0	0
NAVIENT CORP	COM	63938C108	6,938	532,497	SH	SOLE	1	532,497	0	0
NAVIGANT CONSULTING INC	COM	63935N107	766	34,599	SH	SOLE	1	34,599	0	0
NAVIGATORS GROUP INC	COM	638904102	922	16,184	SH	SOLE	1	16,184	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,305	32,060	SH	SOLE	1	32,060	0	0
NCI BUILDING SYSTEMS INC	COM	628852204	583	27,770	SH	SOLE	1	27,770	0	0
NCR CORPORATION	COM	62886E108	7,154	238,628	SH	SOLE	1	238,628	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	93	6,372	SH	SOLE	1	6,372	0	0
NEENAH INC	COM	640079109	1,092	12,868	SH	SOLE	1	12,868	0	0
NEKTAR THERAPEUTICS	COM	640268108	2,614	53,537	SH	SOLE	1	53,537	0	0
NELNET INC CL A	COM	64031N108	708	12,124	SH	SOLE	1	12,124	0	0
NEOGEN CORP	COM	640491106	3,119	38,899	SH	SOLE	1	38,899	0	0
NEOGENOMICS INC	COM	64049M209	478	36,462	SH	SOLE	1	36,462	0	0
NEOPHOTONICS CORP	COM	64051T100	140	22,520	SH	SOLE	1	22,520	0	0
NEOS THERAPEUTICS INC	COM	64052L106	113	18,037	SH	SOLE	1	18,037	0	0
NETAPP INC	COM	64110D104	8,101	103,160	SH	SOLE	1	103,160	0	0
NETEASE INC ADR	ADR	64110W102	1,101	4,359	SH	SOLE	1	4,359	0	0
NETFLIX INC	COM	64110L106	70,567	180,279	SH	SOLE	1	180,279	0	0
NETGEAR INC	COM	64111Q104	1,507	24,110	SH	SOLE	1	24,110	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	6,384	214,956	SH	SOLE	1	214,956	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	212	2,154	SH	SOLE	1	2,154	0	0
NEVRO CORP	COM	64157F103	1,514	18,964	SH	SOLE	1	18,964	0	0

NEW HOME CO INC/THE	COM	645370107	84	8,436	SH	SOLE	1	8,436	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,372	231,784	SH	SOLE	1	231,784	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	851	46,029	SH	SOLE	1	46,029	0	0
NEW RELIC INC	COM	64829B100	2,906	28,885	SH	SOLE	1	28,885	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	109	6,220	SH	SOLE	1	6,220	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	368	48,630	SH	SOLE	1	48,630	0	0
NEW YORK & CO	COM	649295102	97	18,865	SH	SOLE	1	18,865	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	11,027	998,797	SH	SOLE	1	998,797	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	519	86,351	SH	SOLE	1	86,351	0	0
NEW YORK TIMES CO A	COM	650111107	8,826	340,790	SH	SOLE	1	340,790	0	0
NEWELL BRANDS INC	COM	651229106	7,398	286,854	SH	SOLE	1	286,854	0	0
NEWFIELD EXPLORATION CO	COM	651290108	2,657	87,831	SH	SOLE	1	87,831	0	0
NEWLINK GENETICS CORP	COM	651511107	90	18,963	SH	SOLE	1	18,963	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	216	15,160	SH	SOLE	1	15,160	0	0
NEWMARKET CORP	COM	651587107	7,492	18,522	SH	SOLE	1	18,522	0	0
NEWMONT MINING CORP	COM	651639106	6,820	180,865	SH	SOLE	1	180,865	0	0
NEWPARK RESOURCES INC	COM	651718504	737	67,910	SH	SOLE	1	67,910	0	0
NEWS CORP CLASS A	COM	65249B109	4,782	308,491	SH	SOLE	1	308,491	0	0
NEWS CORP CLASS B	COM	65249B208	654	41,275	SH	SOLE	1	41,275	0	0
NEXEO SOLUTIONS INC	COM	65342H102	195	21,361	SH	SOLE	1	21,361	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	306	10,757	SH	SOLE	1	10,757	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	2,142	29,177	SH	SOLE	1	29,177	0	0
NEXTDECADE CORP	COM	65342K105	34	4,982	SH	SOLE	1	4,982	0	0
NEXTERA ENERGY INC	COM	65339F101	24,765	148,269	SH	SOLE	1	148,269	0	0
NI HOLDINGS INC	COM	65342T106	107	6,326	SH	SOLE	1	6,326	0	0
NIC INC	COM	62914B100	775	49,849	SH	SOLE	1	49,849	0	0
NICOLET BANKSHARES INC	COM	65406E102	299	5,419	SH	SOLE	1	5,419	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	15,026	485,805	SH	SOLE	1	485,805	0	0
NII HOLDINGS INC	COM	62913F508	226	57,862	SH	SOLE	1	57,862	0	0
NIKE INC CL B	COM	654106103	31,955	401,041	SH	SOLE	1	401,041	0	0
NINE ENERGY SERVICE INC	COM	65441V101	173	5,214	SH	SOLE	1	5,214	0	0
NISOURCE INC	COM	65473P105	4,276	162,713	SH	SOLE	1	162,713	0	0
NL INDUSTRIES	COM	629156407	47	5,440	SH	SOLE	1	5,440	0	0
NLIGHT INC	COM	65487K100	150	4,537	SH	SOLE	1	4,537	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	774	47,493	SH	SOLE	1	47,493	0	0
NN INC	COM	629337106	341	18,029	SH	SOLE	1	18,029	0	0

NOBLE CORP PLC	COM	G65431101	1,203	190,104	SH	SOLE	1	190,104	0	0
NOBLE ENERGY INC	COM	655044105	6,887	195,215	SH	SOLE	1	195,215	0	0
NOODLES & CO	COM	65540B105	102	8,254	SH	SOLE	1	8,254	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	245	91,390	SH	SOLE	1	91,390	0	0
NORDSON CORP	COM	655663102	13,267	103,315	SH	SOLE	1	103,315	0	0
NORDSTROM INC	COM	655664100	2,835	54,757	SH	SOLE	1	54,757	0	0
NORFOLK SOUTHERN CORP	COM	655844108	16,594	109,986	SH	SOLE	1	109,986	0	0
NORTHEAST BANCORP	COM	663904209	105	4,804	SH	SOLE	1	4,804	0	0
NORTHERN OIL AND GAS INC	COM	665531109	222	70,360	SH	SOLE	1	70,360	0	0
NORTHERN TRUST CORP	COM	665859104	9,598	93,284	SH	SOLE	1	93,284	0	0
NORTHFIELD BANCORP INC	COM	66611T108	563	33,854	SH	SOLE	1	33,854	0	0
NORTHRIM BANCORP INC	COM	666762109	175	4,423	SH	SOLE	1	4,423	0	0
NORTHROP GRUMMAN CORP	COM	666807102	16,770	54,501	SH	SOLE	1	54,501	0	0
NORTHSTAR REALTY EUROPE CORP	COM	66706L101	442	30,501	SH	SOLE	1	30,501	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,296	74,553	SH	SOLE	1	74,553	0	0
NORTHWEST NATURAL GAS CO	COM	667655104	1,408	22,074	SH	SOLE	1	22,074	0	0
NORTHWEST PIPE CO	COM	667746101	121	6,223	SH	SOLE	1	6,223	0	0
NORTHWESTERN CORP	COM	668074305	7,502	131,040	SH	SOLE	1	131,040	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	3,197	67,663	SH	SOLE	1	67,663	0	0
NORWOOD FINANCIAL CORP	COM	669549107	135	3,746	SH	SOLE	1	3,746	0	0
NOVANTA INC	COM	67000B104	1,329	21,339	SH	SOLE	1	21,339	0	0
NOVAVAX INC	COM	670002104	333	248,345	SH	SOLE	1	248,345	0	0
Novelion Therapeutics Inc.	COM	67001K202	0	22	SH	SOLE	2	22	0	0
NOVOCURE LTD	COM	G6674U108	1,465	46,807	SH	SOLE	1	46,807	0	0
NOW INC	COM	67011P100	3,811	285,931	SH	SOLE	1	285,931	0	0
NRG ENERGY INC	COM	629377508	3,944	128,473	SH	SOLE	1	128,473	0	0
NRG YIELD INC CLASS A	COM	62942X306	387	22,696	SH	SOLE	1	22,696	0	0
NRG YIELD INC CLASS C	COM	62942X405	737	42,857	SH	SOLE	1	42,857	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	8,758	112,008	SH	SOLE	1	112,008	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	76	5,475	SH	SOLE	1	5,475	0	0
NUCOR CORP	COM	670346105	11,838	189,410	SH	SOLE	1	189,410	0	0
NUTANIX INC A	COM	67059N108	133	2,574	SH	SOLE	1	2,574	0	0
NUTRISYSTEM INC	COM	67069D108	876	22,759	SH	SOLE	1	22,759	0	0
NUVASIVE INC	COM	670704105	7,073	135,715	SH	SOLE	1	135,715	0	0
NUVECTRA CORP	COM	67075N108	186	9,061	SH	SOLE	1	9,061	0	0

NUVERRA ENVIRONMENTAL SOLUTI	COM	67091K302	10	829	SH	SOLE	1	829	0	0
NV5 GLOBAL INC	COM	62945V109	375	5,413	SH	SOLE	1	5,413	0	0
NVE CORP	COM	629445206	379	3,109	SH	SOLE	1	3,109	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,201	326,740	SH	SOLE	1	326,740	0	0
NVIDIA CORP	COM	67066G104	59,596	251,565	SH	SOLE	1	251,565	0	0
NVR INC	COM	62944T105	20,186	6,796	SH	SOLE	1	6,796	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	4,899	44,834	SH	SOLE	1	44,834	0	0
NXSTAGE MEDICAL INC	COM	67072V103	1,195	42,841	SH	SOLE	1	42,841	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	71	21,094	SH	SOLE	1	21,094	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	10,437	38,150	SH	SOLE	1	38,150	0	0
OAK VALLEY BANCORP	COM	671807105	103	4,518	SH	SOLE	1	4,518	0	0
OASIS PETROLEUM INC	COM	674215108	9,171	707,082	SH	SOLE	1	707,082	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	32,827	392,297	SH	SOLE	1	392,297	0	0
OCEAN RIG UDW INC A	COM	G66964118	1,048	35,566	SH	SOLE	1	35,566	0	0
OCEANEERING INTL INC	COM	675232102	6,643	260,903	SH	SOLE	1	260,903	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	927	30,948	SH	SOLE	1	30,948	0	0
OCLARO INC	COM	67555N206	1,161	129,969	SH	SOLE	1	129,969	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	18	618	SH	SOLE	1	618	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	142	21,013	SH	SOLE	1	21,013	0	0
OCWEN FINANCIAL CORP	COM	675746309	303	76,564	SH	SOLE	1	76,564	0	0
ODONATE THERAPEUTICS INC	COM	676079106	98	4,419	SH	SOLE	1	4,419	0	0
OFFICE DEPOT INC	COM	676220106	1,079	422,976	SH	SOLE	1	422,976	0	0
OFG BANCORP	COM	67103X102	470	33,453	SH	SOLE	1	33,453	0	0
OGE ENERGY CORP	COM	670837103	14,387	408,599	SH	SOLE	1	408,599	0	0
OHIO VALLEY BANC CORP	COM	677719106	140	2,674	SH	SOLE	1	2,674	0	0
OIL DRI CORP OF AMERICA	COM	677864100	138	3,271	SH	SOLE	1	3,271	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	1,476	45,982	SH	SOLE	1	45,982	0	0
OKTA INC	COM	679295105	104	2,072	SH	SOLE	1	2,072	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	20,502	137,635	SH	SOLE	1	137,635	0	0
OLD LINE BANCSHARES INC	COM	67984M100	356	10,209	SH	SOLE	1	10,209	0	0
OLD NATIONAL BANCORP	COM	680033107	2,128	114,408	SH	SOLE	1	114,408	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,063	505,402	SH	SOLE	1	505,402	0	0
OLD SECOND BANCORP INC	COM	680277100	272	18,918	SH	SOLE	1	18,918	0	0

OLIN CORP	COM	680665205	9,665	336,532	SH	SOLE	1	336,532	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	9,559	131,852	SH	SOLE	1	131,852	0	0
OLYMPIC STEEL INC	COM	68162K106	145	7,086	SH	SOLE	1	7,086	0	0
OMEGA FLEX INC	COM	682095104	150	1,897	SH	SOLE	1	1,897	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	12,392	399,750	SH	SOLE	1	399,750	0	0
OMEROS CORP	COM	682143102	542	29,852	SH	SOLE	1	29,852	0	0
OMNICELL INC	COM	68213N109	1,553	29,613	SH	SOLE	1	29,613	0	0
OMNICOM GROUP	COM	681919106	33,535	439,682	SH	SOLE	1	439,682	0	0
OMNOVA SOLUTIONS INC	COM	682129101	297	28,523	SH	SOLE	1	28,523	0	0
ON DECK CAPITAL INC	COM	682163100	233	33,273	SH	SOLE	1	33,273	0	0
ON SEMICONDUCTOR CORP	COM	682189105	228	10,242	SH	SOLE	1	10,242	0	0
ONE GAS INC	COM	68235P108	10,359	138,595	SH	SOLE	1	138,595	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	258	9,755	SH	SOLE	1	9,755	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	48	1,452	SH	SOLE	1	1,452	0	0
ONEOK INC	COM	682680103	12,016	172,073	SH	SOLE	1	172,073	0	0
ONESPAN INC	COM	68287N100	474	24,132	SH	SOLE	1	24,132	0	0
OOMA INC	COM	683416101	168	11,903	SH	SOLE	1	11,903	0	0
OP BANCORP	COM	67109R109	103	8,088	SH	SOLE	1	8,088	0	0
OPEN TEXT CORP	COM	683715957	214	6,092	SH	SOLE	1	6,092	0	0
OPKO HEALTH INC	COM	68375N103	985	209,563	SH	SOLE	1	209,563	0	0
OPPENHEIMER HOLDINGS CL A	COM	683797104	176	6,297	SH	SOLE	1	6,297	0	0
OPTINOSE INC	COM	68404V100	293	10,481	SH	SOLE	1	10,481	0	0
OPUS BANK	COM	684000102	428	14,899	SH	SOLE	1	14,899	0	0
ORACLE CORP	COM	68389X105	55,607	1,262,073	SH	SOLE	1	1,262,073	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	765	46,470	SH	SOLE	1	46,470	0	0
ORBCOMM INC	COM	68555P100	481	47,668	SH	SOLE	1	47,668	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	262	34,798	SH	SOLE	1	34,798	0	0
ORGANOVO HOLDINGS INC	COM	68620A104	96	68,221	SH	SOLE	1	68,221	0	0
ORIGIN BANCORP INC	COM	68621T102	435	10,630	SH	SOLE	1	10,630	0	0
ORION GROUP HOLDINGS INC	COM	68628V308	176	21,327	SH	SOLE	1	21,327	0	0
ORITANI FINANCIAL CORP	COM	68633D103	500	30,868	SH	SOLE	1	30,868	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,380	25,939	SH	SOLE	1	25,939	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	126	4,844	SH	SOLE	1	4,844	0	0
ORTHOFIX INTERNATIONAL NV	COM	N6748L102	775	13,637	SH	SOLE	1	13,637	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	120	4,513	SH	SOLE	1	4,513	0	0



OSHKOSH CORP	COM	688239201	10,461	148,766	SH	SOLE	1	148,766	0	0
OSI SYSTEMS INC	COM	671044105	1,003	12,969	SH	SOLE	1	12,969	0	0
OTTER TAIL CORP	COM	689648103	1,222	25,673	SH	SOLE	1	25,673	0	0
OUTFRONT MEDIA INC	COM	69007J106	50	2,580	SH	SOLE	1	2,580	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	144	37,139	SH	SOLE	1	37,139	0	0
OVERSTOCK.COM INC	COM	690370101	454	13,501	SH	SOLE	1	13,501	0	0
OVID THERAPEUTICS INC	COM	690469101	67	8,583	SH	SOLE	1	8,583	0	0
OWENS & MINOR INC	COM	690732102	788	47,147	SH	SOLE	1	47,147	0	0
OWENS CORNING	COM	690742101	129	2,041	SH	SOLE	1	2,041	0	0
OWENS ILLINOIS INC	COM	690768403	5,471	325,457	SH	SOLE	1	325,457	0	0
OXFORD IMMUNOTEC GLOBAL PLC	COM	G6855A103	213	16,534	SH	SOLE	1	16,534	0	0
OXFORD INDUSTRIES INC	COM	691497309	1,072	12,923	SH	SOLE	1	12,923	0	0
P G & E CORP	COM	69331C108	7,452	175,101	SH	SOLE	1	175,101	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	68	1,442	SH	SOLE	1	1,442	0	0
PACCAR INC	COM	693718108	10,608	171,204	SH	SOLE	1	171,204	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	282	79,367	SH	SOLE	1	79,367	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	99	10,124	SH	SOLE	1	10,124	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,310	34,349	SH	SOLE	1	34,349	0	0
PACIRA PHARMACEUTICALS INC	COM	695127100	833	25,994	SH	SOLE	1	25,994	0	0
PACKAGING CORP OF AMERICA	COM	695156109	3,553	31,782	SH	SOLE	1	31,782	0	0
PACWEST BANCORP	COM	695263103	12,446	251,850	SH	SOLE	1	251,850	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	124	127,796	SH	SOLE	1	127,796	0	0
PALO ALTO NETWORKS INC	COM	697435105	738	3,592	SH	SOLE	1	3,592	0	0
PANDORA MEDIA INC	COM	698354107	1,315	166,903	SH	SOLE	1	166,903	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	196	10,270	SH	SOLE	1	10,270	0	0
PAPA JOHN S INTL INC	COM	698813102	3,124	61,592	SH	SOLE	1	61,592	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	404	23,269	SH	SOLE	1	23,269	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	131	7,415	SH	SOLE	1	7,415	0	0
PARAMOUNT GROUP INC	COM	69924R108	59	3,860	SH	SOLE	1	3,860	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	209	20,517	SH	SOLE	1	20,517	0	0
PARK CITY GROUP INC	COM	700215304	69	8,676	SH	SOLE	1	8,676	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	343	14,802	SH	SOLE	1	14,802	0	0
PARK HOTELS & RESORTS INC	COM	700517105	115	3,742	SH	SOLE	1	3,742	0	0

PARK NATIONAL CORP	COM	700658107	972	8,728	SH	SOLE	1	8,728	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	212	5,674	SH	SOLE	1	5,674	0	0
PARKE BANCORP INC	COM	700885106	107	4,511	SH	SOLE	1	4,511	0	0
PARKER HANNIFIN CORP	COM	701094104	8,611	55,250	SH	SOLE	1	55,250	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	239	7,880	SH	SOLE	1	7,880	0	0
PARTY CITY HOLDCO INC	COM	702149105	343	22,460	SH	SOLE	1	22,460	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,041	18,318	SH	SOLE	1	18,318	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	988	52,699	SH	SOLE	1	52,699	0	0
PATTERSON COS INC	COM	703395103	5,337	235,418	SH	SOLE	1	235,418	0	0
PATTERSON UTI ENERGY INC	COM	703481101	8,034	446,358	SH	SOLE	1	446,358	0	0
PAYCHEX INC	COM	704326107	467,429	6,838,757	SH	SOLE	1	6,838,757	0	0
PAYCOM SOFTWARE INC	COM	70432V102	119	1,200	SH	SOLE	1	1,200	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	1,111	18,882	SH	SOLE	1	18,882	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	40,284	483,774	SH	SOLE	1	483,774	0	0
PBF ENERGY INC CLASS A	COM	69318G106	9,471	225,865	SH	SOLE	1	225,865	0	0
PC CONNECTION INC	COM	69318J100	250	7,518	SH	SOLE	1	7,518	0	0
PCSB FINANCIAL CORP	COM	69324R104	215	10,803	SH	SOLE	1	10,803	0	0
PDC ENERGY INC	COM	69327R101	3,086	51,048	SH	SOLE	1	51,048	0	0
PDF SOLUTIONS INC	COM	693282105	255	21,307	SH	SOLE	1	21,307	0	0
PDL BIOPHARMA INC	COM	69329Y104	226	96,759	SH	SOLE	1	96,759	0	0
PDL COMMUNITY BANCORP	COM	69290X101	90	5,726	SH	SOLE	1	5,726	0	0
PDVWIRELESS INC	COM	69290R104	152	6,100	SH	SOLE	1	6,100	0	0
PEABODY ENERGY CORP	COM	704551100	2,394	52,636	SH	SOLE	1	52,636	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	413	11,936	SH	SOLE	1	11,936	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	1,723	44,415	SH	SOLE	1	44,415	0	0
PEGASYSTEMS INC	COM	705573103	50	910	SH	SOLE	1	910	0	0
PEMBINA PIPELINE CORP	COM	706327954	367	10,586	SH	SOLE	1	10,586	0	0
PENN NATIONAL GAMING INC	COM	707569109	2,211	65,815	SH	SOLE	1	65,815	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	585	53,203	SH	SOLE	1	53,203	0	0
PENN VIRGINIA CORP	COM	70788V102	823	9,699	SH	SOLE	1	9,699	0	0
PENNS WOODS BANCORP INC	COM	708430103	133	2,981	SH	SOLE	1	2,981	0	0
PENNYMAC FINANCIAL SERVICE A	COM	70932B101	1,277	65,006	SH	SOLE	1	65,006	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	879	46,293	SH	SOLE	1	46,293	0	0

PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	31	660	SH	SOLE	1	660	0	0
PENTAIR PLC	COM	G7S00T104	3,066	72,856	SH	SOLE	1	72,856	0	0
PENUMBRA INC	COM	70975L107	102	741	SH	SOLE	1	741	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,531	139,913	SH	SOLE	1	139,913	0	0
PEOPLE S UTAH BANCORP	COM	712706209	358	10,019	SH	SOLE	1	10,019	0	0
PEOPLES BANCORP INC	COM	709789101	435	11,515	SH	SOLE	1	11,515	0	0
PEOPLES BANCORP OF NC	COM	710577107	97	3,024	SH	SOLE	1	3,024	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	211	4,487	SH	SOLE	1	4,487	0	0
PEPSICO INC	COM	713448108	71,559	657,284	SH	SOLE	1	657,284	0	0
PERFICIENT INC	COM	71375U101	697	26,421	SH	SOLE	1	26,421	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,436	66,377	SH	SOLE	1	66,377	0	0
PERKINELMER INC	COM	714046109	2,688	36,702	SH	SOLE	1	36,702	0	0
PERRIGO CO PLC	COM	G97822103	3,870	53,082	SH	SOLE	1	53,082	0	0
PERRY ELLIS INTERNATIONAL	COM	288853104	269	9,915	SH	SOLE	1	9,915	0	0
PERSPECTA INC	COM	715347100	7,769	378,046	SH	SOLE	1	378,046	0	0
PETIQ INC	COM	71639T106	178	6,633	SH	SOLE	1	6,633	0	0
PETMED EXPRESS INC	COM	716382106	681	15,455	SH	SOLE	1	15,455	0	0
PFENEX INC	COM	717071104	75	13,914	SH	SOLE	1	13,914	0	0
PFIZER INC	COM	717081103	552,171	15,219,720	SH	SOLE	1	15,219,720	0	0
PFSWEB INC	COM	717098206	96	9,902	SH	SOLE	1	9,902	0	0
PGT INNOVATIONS INC	COM	69336V101	788	37,778	SH	SOLE	1	37,778	0	0
PHH CORP	COM	693320202	230	21,199	SH	SOLE	1	21,199	0	0
PHI INC NON VOTING	COM	69336T205	78	7,636	SH	SOLE	1	7,636	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	707	15,359	SH	SOLE	1	15,359	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	392,522	4,861,561	SH	SOLE	1	4,861,561	0	0
PHILLIPS 66	COM	718546104	15,102	134,471	SH	SOLE	1	134,471	0	0
PHILLIPS 66 PARTNERS LP	COM	718549AB4	2,003	2,101,000	SH	SOLE	1	2,101,000	0	0
PHOTRONICS INC	COM	719405102	419	52,549	SH	SOLE	1	52,549	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	1,898	119,043	SH	SOLE	1	119,043	0	0
PICO HOLDINGS INC	COM	693366205	158	13,526	SH	SOLE	1	13,526	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,664	83,510	SH	SOLE	1	83,510	0	0
PIER 1 IMPORTS INC	COM	720279108	123	51,565	SH	SOLE	1	51,565	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	171	33,826	SH	SOLE	1	33,826	0	0
PILGRIM S PRIDE CORP	COM	72147K108	20	985	SH	SOLE	1	985	0	0
PINNACLE ENTERTAINMENT INC	COM	72348Y105	1,148	34,031	SH	SOLE	1	34,031	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	9,146	149,083	SH	SOLE	1	149,083	0	0

PINNACLE FOODS INC	COM	72348P104	144	2,206	SH	SOLE	1	2,206	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,057	37,944	SH	SOLE	1	37,944	0	0
PIONEER ENERGY SERVICES CORP	COM	723664108	345	58,997	SH	SOLE	1	58,997	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	11,828	62,503	SH	SOLE	1	62,503	0	0
PIPER JAFFRAY COS	COM	724078100	866	11,272	SH	SOLE	1	11,272	0	0
PITNEY BOWES INC	COM	724479100	4,696	547,953	SH	SOLE	1	547,953	0	0
PJT PARTNERS INC A	COM	69343T107	694	12,991	SH	SOLE	1	12,991	0	0
PLAINS GP HOLDINGS LP CL A	COM	72651A207	91	3,826	SH	SOLE	1	3,826	0	0
Plains GP Holdings, LP	COM	72651A207	21,608	903,730	SH	SOLE	2	903,730	0	0
PLANET FITNESS INC CL A	COM	72703H101	2,532	57,635	SH	SOLE	1	57,635	0	0
PLANTRONICS INC	COM	727493108	6,705	87,929	SH	SOLE	1	87,929	0	0
PLATFORM SPECIALTY PRODUCTS	COM	72766Q105	55	4,749	SH	SOLE	1	4,749	0	0
PLAYAGS INC	COM	72814N104	283	10,437	SH	SOLE	1	10,437	0	0
PLEXUS CORP	COM	729132100	1,502	25,229	SH	SOLE	1	25,229	0	0
PLUG POWER INC	COM	72919P202	281	139,281	SH	SOLE	1	139,281	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	31,580	233,752	SH	SOLE	1	233,752	0	0
PNM RESOURCES INC	COM	69349H107	8,196	210,706	SH	SOLE	1	210,706	0	0
POLARIS INDUSTRIES INC	COM	731068102	14,483	118,537	SH	SOLE	1	118,537	0	0
POLARITYTE INC	COM	731094108	133	5,650	SH	SOLE	1	5,650	0	0
POLYONE CORPORATION	COM	73179P106	9,141	211,503	SH	SOLE	1	211,503	0	0
POOL CORP	COM	73278L105	12,370	81,651	SH	SOLE	1	81,651	0	0
POPULAR INC	COM	733174700	85	1,876	SH	SOLE	1	1,876	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,493	58,297	SH	SOLE	1	58,297	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,602	42,420	SH	SOLE	1	42,420	0	0
POST HOLDINGS INC	COM	737446104	11,665	135,605	SH	SOLE	1	135,605	0	0
POTBELLY CORP	COM	73754Y100	193	14,916	SH	SOLE	1	14,916	0	0
POTLATCHDELTIC CORP	COM	737630103	8,149	160,259	SH	SOLE	1	160,259	0	0
POWELL INDUSTRIES INC	COM	739128106	237	6,797	SH	SOLE	1	6,797	0	0
POWER INTEGRATIONS INC	COM	739276103	1,621	22,186	SH	SOLE	1	22,186	0	0
PPG INDUSTRIES INC	COM	693506107	8,143	78,500	SH	SOLE	1	78,500	0	0
PPL CORP	COM	69351T106	11,295	395,616	SH	SOLE	1	395,616	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	429	23,843	SH	SOLE	1	23,843	0	0
PRA GROUP INC	COM	69354N106	1,329	34,463	SH	SOLE	1	34,463	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	9,537	102,158	SH	SOLE	1	102,158	0	0

PRAXAIR INC	COM	74005P104	26,464	167,336	SH	SOLE	1	167,336	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	433	25,497	SH	SOLE	1	25,497	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	558	9,081	SH	SOLE	1	9,081	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	177	1,996	SH	SOLE	1	1,996	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	144	7,720	SH	SOLE	1	7,720	0	0
PREMIER INC CLASS A	COM	74051N102	1,903	52,317	SH	SOLE	1	52,317	0	0
PRESIDIO INC	COM	74102M103	271	20,666	SH	SOLE	1	20,666	0	0
PRESTIGE BRANDS HOLDINGS INC	COM	74112D101	5,396	140,606	SH	SOLE	1	140,606	0	0
PRGX GLOBAL INC	COM	69357C503	130	13,444	SH	SOLE	1	13,444	0	0
PRICESMART INC	COM	741511109	1,304	14,411	SH	SOLE	1	14,411	0	0
PRIMERICA INC	COM	74164M108	11,590	116,368	SH	SOLE	1	116,368	0	0
PRIMO WATER CORP	COM	74165N105	309	17,686	SH	SOLE	1	17,686	0	0
PRIMORIS SERVICES CORP	COM	74164F103	742	27,241	SH	SOLE	1	27,241	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,788	109,317	SH	SOLE	1	109,317	0	0
PROASSURANCE CORP	COM	74267C106	1,452	40,971	SH	SOLE	1	40,971	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	492,316	6,306,888	SH	SOLE	1	6,306,888	0	0
PROFIRE ENERGY INC	COM	74316X101	52	15,409	SH	SOLE	1	15,409	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	459	57,090	SH	SOLE	1	57,090	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,356	34,925	SH	SOLE	1	34,925	0	0
PROGRESSIVE CORP	COM	743315103	11,611	196,305	SH	SOLE	1	196,305	0	0
PROLOGIS INC	COM	74340W103	13,373	203,573	SH	SOLE	1	203,573	0	0
PROOFPOINT INC	COM	743424103	140	1,216	SH	SOLE	1	1,216	0	0
PROPETRO HOLDING CORP	COM	74347M108	858	54,726	SH	SOLE	1	54,726	0	0
PROS HOLDINGS INC	COM	74346Y103	662	18,100	SH	SOLE	1	18,100	0	0
PROSPERITY BANCSHARES INC	COM	743606105	9,605	140,511	SH	SOLE	1	140,511	0	0
PROTEOSTASIS THERAPEUTICS IN	COM	74373B109	46	16,395	SH	SOLE	1	16,395	0	0
PROTHENA CORP PLC	COM	G72800108	382	26,175	SH	SOLE	1	26,175	0	0
PROTO LABS INC	COM	743713109	2,455	20,640	SH	SOLE	1	20,640	0	0
PROVIDENCE SERVICE CORP	COM	743815102	682	8,688	SH	SOLE	1	8,688	0	0
PROVIDENT BANCORP INC	COM	74383X109	74	2,809	SH	SOLE	1	2,809	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,312	47,674	SH	SOLE	1	47,674	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	112	5,785	SH	SOLE	1	5,785	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	18,039	192,913	SH	SOLE	1	192,913	0	0

PS BUSINESS PARKS INC/CA	COM	69360J107	1,972	15,348	SH	SOLE	1	15,348	0	0
PTC INC	COM	69370C100	21,843	232,847	SH	SOLE	1	232,847	0	0
PTC THERAPEUTICS INC	COM	69366J200	995	29,496	SH	SOLE	1	29,496	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	9,273	171,277	SH	SOLE	1	171,277	0	0
PUBLIC STORAGE	COM	74460D109	13,526	59,622	SH	SOLE	1	59,622	0	0
PULSE BIOSCIENCES INC	COM	74587B101	105	6,923	SH	SOLE	1	6,923	0	0
PULTEGROUP INC	COM	745867101	2,484	86,416	SH	SOLE	1	86,416	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	1,122	18,971	SH	SOLE	1	18,971	0	0
PURE CYCLE CORP	COM	746228303	106	11,140	SH	SOLE	1	11,140	0	0
PURE STORAGE INC CLASS A	COM	74624M102	95	3,976	SH	SOLE	1	3,976	0	0
PURPLE INNOVATION INC	COM	74640Y106	24	2,841	SH	SOLE	1	2,841	0	0
PVH CORP	COM	693656100	4,813	32,149	SH	SOLE	1	32,149	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	107	11,581	SH	SOLE	1	11,581	0	0
Q2 HOLDINGS INC	COM	74736L109	1,361	23,859	SH	SOLE	1	23,859	0	0
QAD INC A	COM	74727D306	335	6,689	SH	SOLE	1	6,689	0	0
QCR HOLDINGS INC	COM	74727A104	404	8,517	SH	SOLE	1	8,517	0	0
QEP RESOURCES INC	COM	74733V100	5,865	478,392	SH	SOLE	1	478,392	0	0
QIAGEN N.V.	COM	N72482123	149	4,128	SH	SOLE	1	4,128	0	0
QORVO INC	COM	74736K101	3,775	47,083	SH	SOLE	1	47,083	0	0
QTS REALTY TRUST INC CL A	COM	74736A103	1,311	33,200	SH	SOLE	1	33,200	0	0
QUAD GRAPHICS INC	COM	747301109	446	21,388	SH	SOLE	1	21,388	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,563	10,095	SH	SOLE	1	10,095	0	0
QUALCOMM INC	COM	747525103	39,573	705,143	SH	SOLE	1	705,143	0	0
QUALITY CARE PROPERTIES	COM	747545101	5,370	249,649	SH	SOLE	1	249,649	0	0
QUALITY SYSTEMS INC	COM	747582104	785	40,255	SH	SOLE	1	40,255	0	0
QUALYS INC	COM	74758T303	2,181	25,867	SH	SOLE	1	25,867	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	483	26,918	SH	SOLE	1	26,918	0	0
QUANTA SERVICES INC	COM	74762E102	1,702	50,960	SH	SOLE	1	50,960	0	0
QUANTENNA COMMUNICATIONS INC	COM	74766D100	336	21,645	SH	SOLE	1	21,645	0	0
QUANTERIX CORP	COM	74766Q101	47	3,253	SH	SOLE	1	3,253	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,529	77,575	SH	SOLE	1	77,575	0	0
QUIDEL CORP	COM	74838J101	1,421	21,365	SH	SOLE	1	21,365	0	0
QUINSTREET INC	COM	74874Q100	365	28,729	SH	SOLE	1	28,729	0	0
QUINTANA ENERGY SERVICES INC	COM	74875T103	34	4,055	SH	SOLE	1	4,055	0	0
QUORUM HEALTH CORP	COM	74909E106	110	21,929	SH	SOLE	1	21,929	0	0
QUOTIENT LTD	COM	G73268107	3	313	SH	SOLE	1	313	0	0

QUOTIENT TECHNOLOGY INC	COM	749119103	681	51,960	SH	SOLE	1	51,960	0	0
QURATE RETAIL INC	COM	74915M100	1,972	92,923	SH	SOLE	1	92,923	0	0
R1 RCM INC	COM	749397105	582	67,061	SH	SOLE	1	67,061	0	0
RA PHARMACEUTICALS INC	COM	74933V108	94	9,410	SH	SOLE	1	9,410	0	0
RADIAN GROUP INC	COM	750236101	2,284	140,801	SH	SOLE	1	140,801	0	0
RADIANT LOGISTICS INC	COM	75025X100	99	25,354	SH	SOLE	1	25,354	0	0
RADIUS HEALTH INC	COM	750469207	777	26,363	SH	SOLE	1	26,363	0	0
RADNET INC	COM	750491102	387	25,823	SH	SOLE	1	25,823	0	0
RALPH LAUREN CORP	COM	751212101	2,989	23,775	SH	SOLE	1	23,775	0	0
RAMACO RESOURCES INC	COM	75134P303	27	3,896	SH	SOLE	1	3,896	0	0
RAMBUS INC	COM	750917106	1,031	82,237	SH	SOLE	1	82,237	0	0
RAMCO GERSHENSON PROPERTIES	COM	751452202	809	61,220	SH	SOLE	1	61,220	0	0
RANGE RESOURCES CORP	COM	75281A109	9,620	574,993	SH	SOLE	1	574,993	0	0
RAPID7 INC	COM	753422104	663	23,483	SH	SOLE	1	23,483	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,062	27,630	SH	SOLE	1	27,630	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,363	48,836	SH	SOLE	1	48,836	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	677	39,605	SH	SOLE	1	39,605	0	0
RAYONIER INC	COM	754907103	10,075	260,413	SH	SOLE	1	260,413	0	0
RAYTHEON COMPANY	COM	755111507	17,388	90,010	SH	SOLE	1	90,010	0	0
RBB BANCORP	COM	74930B105	286	8,906	SH	SOLE	1	8,906	0	0
RBC BEARINGS INC	COM	75524B104	1,981	15,377	SH	SOLE	1	15,377	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	187	5,905	SH	SOLE	1	5,905	0	0
RE/MAX HOLDINGS INC CL A	COM	75524W108	1,935	36,893	SH	SOLE	1	36,893	0	0
READING INTERNATIONAL INC A	COM	755408101	174	10,939	SH	SOLE	1	10,939	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	54	2,363	SH	SOLE	1	2,363	0	0
REALPAGE INC	COM	75606N109	94	1,697	SH	SOLE	1	1,697	0	0
REALTY INCOME CORP	COM	756109104	5,742	106,744	SH	SOLE	1	106,744	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	362	10,360	SH	SOLE	1	10,360	0	0
RECRO PHARMA INC	COM	75629F109	57	11,367	SH	SOLE	1	11,367	0	0
RED HAT INC	COM	756577102	8,467	63,015	SH	SOLE	1	63,015	0	0
RED LION HOTELS CORP	COM	756764106	121	10,360	SH	SOLE	1	10,360	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	466	10,007	SH	SOLE	1	10,007	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,518	45,299	SH	SOLE	1	45,299	0	0
REDFIN CORP	COM	75737F108	1,114	48,235	SH	SOLE	1	48,235	0	0
REDWOOD TRUST INC	COM	758075402	805	48,887	SH	SOLE	1	48,887	0	0

REGAL BELOIT CORP	COM	758750103	7,240	88,513	SH	SOLE	1	88,513	0	0
REGENCY CENTERS CORP	COM	758849103	3,107	50,053	SH	SOLE	1	50,053	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	12,014	34,825	SH	SOLE	1	34,825	0	0
REGENXBIO INC	COM	75901B107	1,565	21,814	SH	SOLE	1	21,814	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	213	6,069	SH	SOLE	1	6,069	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	8,373	470,902	SH	SOLE	1	470,902	0	0
REGIS CORP	COM	758932107	450	27,182	SH	SOLE	1	27,182	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	17,334	129,861	SH	SOLE	1	129,861	0	0
REIS INC	COM	75936P105	129	5,920	SH	SOLE	1	5,920	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	12,741	145,545	SH	SOLE	1	145,545	0	0
RELIANT BANCORP INC	COM	75956B101	185	6,581	SH	SOLE	1	6,581	0	0
REMARK HOLDINGS INC	COM	75955K102	69	17,762	SH	SOLE	1	17,762	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	10,354	86,056	SH	SOLE	1	86,056	0	0
RENASANT CORP	COM	75970E107	1,430	31,407	SH	SOLE	1	31,407	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	499	27,958	SH	SOLE	1	27,958	0	0
RENT A CENTER INC	COM	76009N100	519	35,262	SH	SOLE	1	35,262	0	0
REPLIGEN CORP	COM	759916109	1,408	29,938	SH	SOLE	1	29,938	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	283	6,258	SH	SOLE	1	6,258	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	225	28,660	SH	SOLE	1	28,660	0	0
REPUBLIC SERVICES INC	COM	760759100	8,263	120,880	SH	SOLE	1	120,880	0	0
RESMED INC	COM	761152107	5,216	50,355	SH	SOLE	1	50,355	0	0
RESOLUTE ENERGY CORP	COM	76116A306	444	14,229	SH	SOLE	1	14,229	0	0
RESOURCES CONNECTION INC	COM	76122Q105	388	22,943	SH	SOLE	1	22,943	0	0
RESTORBIO INC	COM	76133L103	39	4,284	SH	SOLE	1	4,284	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,644	85,810	SH	SOLE	1	85,810	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	52	4,080	SH	SOLE	1	4,080	0	0
RETROPHIN INC	COM	761299106	710	26,043	SH	SOLE	1	26,043	0	0
REV GROUP INC	COM	749527107	332	19,521	SH	SOLE	1	19,521	0	0
REVANCE THERAPEUTICS INC	COM	761330109	587	21,378	SH	SOLE	1	21,378	0	0
REVLON INC CLASS A	COM	761525609	93	5,302	SH	SOLE	1	5,302	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	355	4,382	SH	SOLE	1	4,382	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	1,649	52,542	SH	SOLE	1	52,542	0	0
REXNORD CORP	COM	76169B102	1,980	68,122	SH	SOLE	1	68,122	0	0
RGC RESOURCES INC	COM	74955L103	141	4,817	SH	SOLE	1	4,817	0	0



RH	COM	74967X103	2,073	14,841	SH	SOLE	1	14,841	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	250	7,984	SH	SOLE	1	7,984	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	245	34,340	SH	SOLE	1	34,340	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	304	107,493	SH	SOLE	1	107,493	0	0
RIGNET INC	COM	766582100	94	9,153	SH	SOLE	1	9,153	0	0
RIMINI STREET INC	COM	76674Q107	42	6,371	SH	SOLE	1	6,371	0	0
RING ENERGY INC	COM	76680V108	552	43,764	SH	SOLE	1	43,764	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	113	1,607	SH	SOLE	1	1,607	0	0
RITE AID CORP	COM	767754104	1,186	685,796	SH	SOLE	1	685,796	0	0
RIVERVIEW BANCORP INC	COM	769397100	117	13,818	SH	SOLE	1	13,818	0	0
RLI CORP	COM	749607107	1,999	30,195	SH	SOLE	1	30,195	0	0
RLJ LODGING TRUST	COM	74965L101	2,499	113,320	SH	SOLE	1	113,320	0	0
RMR GROUP INC/THE A	COM	74967R106	360	4,589	SH	SOLE	1	4,589	0	0
ROBERT HALF INTL INC	COM	770323103	3,029	46,527	SH	SOLE	1	46,527	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	267	13,596	SH	SOLE	1	13,596	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,453	56,865	SH	SOLE	1	56,865	0	0
ROCKWELL COLLINS INC	COM	774341101	7,259	53,896	SH	SOLE	1	53,896	0	0
ROCKWELL MEDICAL INC	COM	774374102	153	30,952	SH	SOLE	1	30,952	0	0
ROCKY BRANDS INC	COM	774515100	134	4,452	SH	SOLE	1	4,452	0	0
ROGERS COMMUNICATIONS INC B	COM	775109960	270	5,695	SH	SOLE	1	5,695	0	0
ROGERS CORP	COM	775133101	1,577	14,145	SH	SOLE	1	14,145	0	0
ROKU INC	COM	77543R102	1,204	28,238	SH	SOLE	1	28,238	0	0
ROLLINS INC	COM	775711104	10,188	193,768	SH	SOLE	1	193,768	0	0
ROPER TECHNOLOGIES INC	COM	776696106	10,972	39,765	SH	SOLE	1	39,765	0	0
ROSEHILL RESOURCES INC	COM	777385105	6	720	SH	SOLE	1	720	0	0
ROSETTA STONE INC	COM	777780107	206	12,847	SH	SOLE	1	12,847	0	0
ROSS STORES INC	COM	778296103	16,019	189,019	SH	SOLE	1	189,019	0	0
ROWAN COMPANIES PLC A	COM	G7665A101	5,041	310,790	SH	SOLE	1	310,790	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	5,815	56,126	SH	SOLE	1	56,126	0	0
ROYAL GOLD INC	COM	780287108	12,244	131,878	SH	SOLE	1	131,878	0	0
RPC INC	COM	749660106	17	1,176	SH	SOLE	1	1,176	0	0
RPM INTERNATIONAL INC	COM	749685103	15,703	269,254	SH	SOLE	1	269,254	0	0
RR DONNELLEY & SONS CO	COM	257867200	313	54,386	SH	SOLE	1	54,386	0	0
RSP PERMIAN INC	COM	74978Q105	139	3,168	SH	SOLE	1	3,168	0	0
RTI SURGICAL INC	COM	74975N105	170	37,046	SH	SOLE	1	37,046	0	0

RUDOLPH TECHNOLOGIES INC	COM	781270103	720	24,311	SH	SOLE	1	24,311	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	129	2,939	SH	SOLE	1	2,939	0	0
RUSH ENTERPRISES INC CL A	COM	781846209	850	19,585	SH	SOLE	1	19,585	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	624	22,242	SH	SOLE	1	22,242	0	0
RYDER SYSTEM INC	COM	783549108	7,678	106,841	SH	SOLE	1	106,841	0	0
RYERSON HOLDING CORP	COM	783754104	116	10,374	SH	SOLE	1	10,374	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,424	29,149	SH	SOLE	1	29,149	0	0
S & T BANCORP INC	COM	783859101	1,150	26,596	SH	SOLE	1	26,596	0	0
S&P GLOBAL INC	COM	78409V104	19,966	97,926	SH	SOLE	1	97,926	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	10,244	471,438	SH	SOLE	1	471,438	0	0
SABRE CORP	COM	78573M104	12,555	509,533	SH	SOLE	1	509,533	0	0
SAFE BULKERS INC	COM	Y7388L103	113	33,134	SH	SOLE	1	33,134	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	161	12,565	SH	SOLE	1	12,565	0	0
SAFETY INCOME & GROWTH INC	COM	78649D104	98	5,153	SH	SOLE	1	5,153	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	971	11,375	SH	SOLE	1	11,375	0	0
SAGA COMMUNICATIONS INC CL A	COM	786598300	96	2,487	SH	SOLE	1	2,487	0	0
SAGE THERAPEUTICS INC	COM	78667J108	172	1,098	SH	SOLE	1	1,098	0	0
SAIA INC	COM	78709Y105	1,597	19,757	SH	SOLE	1	19,757	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	616	25,117	SH	SOLE	1	25,117	0	0
SALESFORCE.COM INC	COM	79466L302	34,758	254,821	SH	SOLE	1	254,821	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,182	323,279	SH	SOLE	1	323,279	0	0
SANCHEZ ENERGY CORP	COM	79970Y105	225	49,779	SH	SOLE	1	49,779	0	0
SANDERSON FARMS INC	COM	800013104	5,612	53,376	SH	SOLE	1	53,376	0	0
SANDRIDGE ENERGY INC	COM	80007P869	354	19,972	SH	SOLE	1	19,972	0	0
SANDY SPRING BANCORP INC	COM	800363103	926	22,575	SH	SOLE	1	22,575	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	938	66,070	SH	SOLE	1	66,070	0	0
SANMINA CORP	COM	801056102	1,533	52,336	SH	SOLE	1	52,336	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	43	2,234	SH	SOLE	1	2,234	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	198	1,496	SH	SOLE	1	1,496	0	0
SAUL CENTERS INC	COM	804395101	482	8,997	SH	SOLE	1	8,997	0	0
SAVARA INC	COM	805111101	184	16,281	SH	SOLE	1	16,281	0	0
SB ONE BANCORP	COM	78413T103	138	4,657	SH	SOLE	1	4,657	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	7,265	44,001	SH	SOLE	1	44,001	0	0

SCANA CORP	COM	80589M102	1,863	48,353	SH	SOLE	1	48,353	0	0
SCANSOURCE INC	COM	806037107	784	19,456	SH	SOLE	1	19,456	0	0
SCHLUMBERGER LTD	COM	806857108	36,884	550,259	SH	SOLE	1	550,259	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	26	927	SH	SOLE	1	927	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	575	17,069	SH	SOLE	1	17,069	0	0
SCHOLASTIC CORP	COM	807066105	958	21,618	SH	SOLE	1	21,618	0	0
SCHULMAN (A.) INC	COM	808194104	929	20,878	SH	SOLE	1	20,878	0	0
SCHWAB (CHARLES) CORP	COM	808513105	22,782	445,841	SH	SOLE	1	445,841	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	1,035	23,679	SH	SOLE	1	23,679	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,055	111,881	SH	SOLE	1	111,881	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	7,007	142,565	SH	SOLE	1	142,565	0	0
SCORPIO BULKERS INC	COM	Y7546A122	269	37,913	SH	SOLE	1	37,913	0	0
SCORPIO TANKERS INC	COM	Y7542C106	538	191,322	SH	SOLE	1	191,322	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	6,498	78,138	SH	SOLE	1	78,138	0	0
SCPHARMACEUTICALS INC	COM	810648105	25	4,431	SH	SOLE	1	4,431	0	0
SEABOARD CORP	COM	811543107	20	5	SH	SOLE	1	5	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,123	35,548	SH	SOLE	1	35,548	0	0
SEACOR HOLDINGS INC	COM	811904101	755	13,187	SH	SOLE	1	13,187	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	243	10,537	SH	SOLE	1	10,537	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	7,433	131,634	SH	SOLE	1	131,634	0	0
SEALED AIR CORP	COM	81211K100	2,478	58,364	SH	SOLE	1	58,364	0	0
SEARS HOLDINGS CORP	COM	812350106	63	26,473	SH	SOLE	1	26,473	0	0
SEASONS SER TR	COM	812546604	324,756	11,233,343	SH	SOLE	1	11,233,343	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	96	7,569	SH	SOLE	1	7,569	0	0
SEATTLE GENETICS INC	COM	812578102	281	4,234	SH	SOLE	1	4,234	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	781	35,780	SH	SOLE	1	35,780	0	0
SECUREWORKS CORP A	COM	81374A105	70	5,594	SH	SOLE	1	5,594	0	0
SEI INVESTMENTS COMPANY	COM	784117103	16,828	269,156	SH	SOLE	1	269,156	0	0
SELECT BANCORP INC	COM	81617L108	99	7,328	SH	SOLE	1	7,328	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	427	29,420	SH	SOLE	1	29,420	0	0
SELECT INCOME REIT	COM	81618T100	927	41,247	SH	SOLE	1	41,247	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,514	83,405	SH	SOLE	1	83,405	0	0
SELECTA BIOSCIENCES INC	COM	816212104	155	11,728	SH	SOLE	1	11,728	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	2,465	44,812	SH	SOLE	1	44,812	0	0

SEMGROUP CORP CLASS A	COM	81663A105	1,310	51,556	SH	SOLE	1	51,556	0	0
SEMPRA ENERGY	COM	816851109	10,399	89,558	SH	SOLE	1	89,558	0	0
SEMTECH CORP	COM	816850101	2,366	50,285	SH	SOLE	1	50,285	0	0
SENDGRID INC	COM	816883102	155	5,850	SH	SOLE	1	5,850	0	0
SENECA FOODS CORP CLASS A	COM	817070501	144	5,329	SH	SOLE	1	5,329	0	0
SENIOR HOUSING PROPTUST	COM	81721M109	8,651	478,215	SH	SOLE	1	478,215	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	174	3,665	SH	SOLE	1	3,665	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	178	43,338	SH	SOLE	1	43,338	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	8,024	112,145	SH	SOLE	1	112,145	0	0
SERES THERAPEUTICS INC	COM	81750R102	115	13,414	SH	SOLE	1	13,414	0	0
SERITAGE GROWTH PROPT A REIT	COM	81752R100	892	21,033	SH	SOLE	1	21,033	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,219	369,345	SH	SOLE	1	369,345	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	195	3,282	SH	SOLE	1	3,282	0	0
SERVICENOW INC	COM	81762P102	1,194	6,924	SH	SOLE	1	6,924	0	0
SERVICEMASTER INTERNATIONAL	COM	81763U100	199	50,402	SH	SOLE	1	50,402	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,489	35,688	SH	SOLE	1	35,688	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,216	18,370	SH	SOLE	1	18,370	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	995	30,419	SH	SOLE	1	30,419	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	10,362	25,425	SH	SOLE	1	25,425	0	0
SHILOH INDUSTRIES INC	COM	824543102	84	9,608	SH	SOLE	1	9,608	0	0
SHIP FINANCE INTL LTD	COM	G81075106	812	54,311	SH	SOLE	1	54,311	0	0
SHIRE PLC ADR	ADR	82481R106	658	3,899	SH	SOLE	1	3,899	0	0
SHOE CARNIVAL INC	COM	824889109	266	8,199	SH	SOLE	1	8,199	0	0
SHORE BANCSHARES INC	COM	825107105	156	8,208	SH	SOLE	1	8,208	0	0
SHOTSPOTTER INC	COM	82536T107	179	4,714	SH	SOLE	1	4,714	0	0
SHUTTERFLY INC	COM	82568P304	2,293	25,465	SH	SOLE	1	25,465	0	0
SHUTTERSTOCK INC	COM	825690100	686	14,456	SH	SOLE	1	14,456	0	0
SI FINANCIAL GROUP INC	COM	78425V104	109	7,356	SH	SOLE	1	7,356	0	0
SIEBERT FINANCIAL CORP	COM	826176109	50	4,832	SH	SOLE	1	4,832	0	0
SIENNA BIOPHARMACEUTICALS IN	COM	82622H108	153	10,045	SH	SOLE	1	10,045	0	0
SIENRA INC	COM	82621J105	295	15,119	SH	SOLE	1	15,119	0	0
SIERRA BANCORP	COM	82620P102	259	9,188	SH	SOLE	1	9,188	0	0

SIGA TECHNOLOGIES INC	COM	826917106	201	33,818	SH	SOLE	1	33,818	0	0
SIGMA DESIGNS INC	COM	826565103	137	22,507	SH	SOLE	1	22,507	0	0
SIGNATURE BANK	COM	82669G104	13,842	108,240	SH	SOLE	1	108,240	0	0
SIGNET JEWELERS LTD	COM	G81276100	9,448	169,471	SH	SOLE	1	169,471	0	0
SILGAN HOLDINGS INC	COM	827048109	4,007	149,345	SH	SOLE	1	149,345	0	0
SILICON LABORATORIES INC	COM	826919102	11,373	114,184	SH	SOLE	1	114,184	0	0
SILVERBOW RESOURCES INC	COM	82836G102	133	4,618	SH	SOLE	1	4,618	0	0
SILVERCREST ASSET MANAGEMEN A	COM	828359109	88	5,420	SH	SOLE	1	5,420	0	0
SIMMONS FIRST NATL CORP CL A	COM	828730200	2,042	68,311	SH	SOLE	1	68,311	0	0
SIMON PROPERTY GROUP INC	COM	828806109	22,690	133,324	SH	SOLE	1	133,324	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	567	39,291	SH	SOLE	1	39,291	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	1,984	31,909	SH	SOLE	1	31,909	0	0
SIMULATIONS PLUS INC	COM	829214105	167	7,496	SH	SOLE	1	7,496	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	1,510	46,975	SH	SOLE	1	46,975	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,942	286,860	SH	SOLE	1	286,860	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	2,185	26,026	SH	SOLE	1	26,026	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	10,974	156,653	SH	SOLE	1	156,653	0	0
SJW GROUP	COM	784305104	743	11,227	SH	SOLE	1	11,227	0	0
SKECHERS USA INC CL A	COM	830566105	8,211	273,609	SH	SOLE	1	273,609	0	0
SKYLINE CHAMPION CORP	COM	830830105	157	4,480	SH	SOLE	1	4,480	0	0
SKYWEST INC	COM	830879102	2,044	39,391	SH	SOLE	1	39,391	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	7,469	77,276	SH	SOLE	1	77,276	0	0
SL GREEN REALTY CORP	COM	78440X101	3,008	29,922	SH	SOLE	1	29,922	0	0
SLEEP NUMBER CORP	COM	83125X103	816	28,117	SH	SOLE	1	28,117	0	0
SLM CORP	COM	78442P106	10,030	875,939	SH	SOLE	1	875,939	0	0
SM ENERGY CO	COM	78454L100	5,317	206,956	SH	SOLE	1	206,956	0	0
SMART & FINAL STORES INC	COM	83190B101	82	14,723	SH	SOLE	1	14,723	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	207	6,486	SH	SOLE	1	6,486	0	0
SMART SAND INC	COM	83191H107	77	14,496	SH	SOLE	1	14,496	0	0
SMARTFINANCIAL INC	COM	83190L208	191	7,405	SH	SOLE	1	7,405	0	0
SMITH (A.O.) CORP	COM	831865209	3,100	52,412	SH	SOLE	1	52,412	0	0
Snap Inc.	COM	83304A106	5,512	421,071	SH	SOLE	2	421,071	0	0
SNAP ON INC	COM	833034101	15,490	96,377	SH	SOLE	1	96,377	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	215	4,499	SH	SOLE	1	4,499	0	0

SOLARIS OILFIELD INFRAST A	COM	83418M103	242	16,964	SH	SOLE	1	16,964	0	0
SOLID BIOSCIENCES INC	COM	83422E105	211	5,931	SH	SOLE	1	5,931	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	381	18,501	SH	SOLE	1	18,501	0	0
SONIC CORP	COM	83545I105	951	27,624	SH	SOLE	1	27,624	0	0
SONOCO PRODUCTS CO	COM	835495102	10,519	200,361	SH	SOLE	1	200,361	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	408	56,635	SH	SOLE	1	56,635	0	0
SOTHEBY S	COM	835898107	5,306	97,648	SH	SOLE	1	97,648	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,212	66,085	SH	SOLE	1	66,085	0	0
SOUTH STATE CORP	COM	84044I109	2,054	23,814	SH	SOLE	1	23,814	0	0
SOUTHERN CO/THE	COM	842587107	15,011	324,131	SH	SOLE	1	324,131	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	198	4,471	SH	SOLE	1	4,471	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	180	4,623	SH	SOLE	1	4,623	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	227	12,731	SH	SOLE	1	12,731	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	840	24,942	SH	SOLE	1	24,942	0	0
SOUTHWEST AIRLINES CO	COM	84474I108	10,165	199,792	SH	SOLE	1	199,792	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	9,754	127,884	SH	SOLE	1	127,884	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	7,432	1,402,222	SH	SOLE	1	1,402,222	0	0
SP PLUS CORP	COM	78469C103	549	14,748	SH	SOLE	1	14,748	0	0
SPARK ENERGY INC CLASS A	COM	84651I103	72	7,371	SH	SOLE	1	7,371	0	0
SPARK THERAPEUTICS INC	COM	84652J103	1,696	20,491	SH	SOLE	1	20,491	0	0
SPARTAN MOTORS INC	COM	846819100	336	22,228	SH	SOLE	1	22,228	0	0
SPARTANNASH CO	COM	847215100	701	27,479	SH	SOLE	1	27,479	0	0
SPARTON CORP	COM	847235108	119	6,255	SH	SOLE	1	6,255	0	0
SPDR S&P 500 ETF TRUST	SPDR 500	78462F103	22,408	82,600	SH	SOLE	1	82,600	0	0
SPDR S&P MIDCAP 400 ETF TRUST	SPDR 400	78467Y107	8,549	24,080	SH	SOLE	1	24,080	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84763R101	33	409	SH	SOLE	1	409	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	1,586	75,651	SH	SOLE	1	75,651	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	130	7,462	SH	SOLE	1	7,462	0	0
SPERO THERAPEUTICS INC	COM	84833T103	64	4,345	SH	SOLE	1	4,345	0	0
SPIRE INC	COM	84857L101	2,692	38,104	SH	SOLE	1	38,104	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	235	2,737	SH	SOLE	1	2,737	0	0
SPIRIT AIRLINES INC	COM	848577102	1,625	44,718	SH	SOLE	1	44,718	0	0
SPIRIT MTA REIT	COM	84861U105	289	28,044	SH	SOLE	1	28,044	0	0

SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	28	1,357	SH	SOLE	1	1,357	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W102	64	7,966	SH	SOLE	1	7,966	0	0
SPLUNK INC	COM	848637104	617	6,225	SH	SOLE	1	6,225	0	0
SPOK HOLDINGS INC	COM	84863T106	219	14,546	SH	SOLE	1	14,546	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	124	24,199	SH	SOLE	1	24,199	0	0
SPRING BANK PHARMACEUTICALS	COM	849431101	86	7,231	SH	SOLE	1	7,231	0	0
SPRINT CORP	COM	85207U105	65	11,997	SH	SOLE	1	11,997	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,465	247,642	SH	SOLE	1	247,642	0	0
SPS COMMERCE INC	COM	78463M107	960	13,064	SH	SOLE	1	13,064	0	0
SPX CORP	COM	784635104	1,163	33,168	SH	SOLE	1	33,168	0	0
SPX FLOW INC	COM	78469X107	1,424	32,527	SH	SOLE	1	32,527	0	0
SQUARE INC A	COM	852234103	581	9,430	SH	SOLE	1	9,430	0	0
SRC ENERGY INC	COM	78470V108	2,055	186,442	SH	SOLE	1	186,442	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	255	4,908	SH	SOLE	1	4,908	0	0
ST JOE CO/THE	COM	790148100	435	24,207	SH	SOLE	1	24,207	0	0
STAAR SURGICAL CO	COM	852312305	841	27,124	SH	SOLE	1	27,124	0	0
STAG INDUSTRIAL INC	COM	85254J102	1,737	63,772	SH	SOLE	1	63,772	0	0
STAMPS.COM INC	COM	852857200	3,364	13,294	SH	SOLE	1	13,294	0	0
STANDARD MOTOR PRODS	COM	853666105	785	16,243	SH	SOLE	1	16,243	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	1,004	9,821	SH	SOLE	1	9,821	0	0
STANLEY BLACK & DECKER INC	COM	854502101	9,918	74,677	SH	SOLE	1	74,677	0	0
STARBUCKS CORP	COM	855244109	31,175	638,175	SH	SOLE	1	638,175	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	103	4,754	SH	SOLE	1	4,754	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	326	10,883	SH	SOLE	1	10,883	0	0
STATE BANK FINANCIAL CORP	COM	856190103	821	24,580	SH	SOLE	1	24,580	0	0
STATE STREET CORP	COM	857477103	10,899	117,079	SH	SOLE	1	117,079	0	0
STEEL DYNAMICS INC	COM	858119100	21,820	474,862	SH	SOLE	1	474,862	0	0
Steel Partners Holdings L.P.	COM	85814R107	11,750	697,311	SH	SOLE	2	697,311	0	0
STEELCASE INC CL A	COM	858155203	746	55,285	SH	SOLE	1	55,285	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	289	18,003	SH	SOLE	1	18,003	0	0
STEPAN CO	COM	858586100	1,215	15,578	SH	SOLE	1	15,578	0	0
STERICYCLE INC	COM	858912108	1,891	28,963	SH	SOLE	1	28,963	0	0
STERIS PLC	COM	G84720104	17,882	170,289	SH	SOLE	1	170,289	0	0
STERLING BANCORP INC/MI	COM	85917W102	149	11,179	SH	SOLE	1	11,179	0	0
STERLING BANCORP/DE	COM	85917A100	10,663	453,747	SH	SOLE	1	453,747	0	0
STERLING CONSTRUCTION CO	COM	859241101	226	17,373	SH	SOLE	1	17,373	0	0

STEVEN MADDEN LTD	COM	556269108	2,342	44,104	SH	SOLE	1	44,104	0	0
STEWART INFORMATION SERVICES	COM	860372101	778	18,072	SH	SOLE	1	18,072	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,818	187,908	SH	SOLE	1	187,908	0	0
STOCK YARDS BANCORP INC	SUB EMTN	861025104	535	14,036	SH	SOLE	1	14,036	0	0
STONERIDGE INC	COM	86183P102	629	17,900	SH	SOLE	1	17,900	0	0
STORE CAPITAL CORP	COM	862121100	91	3,320	SH	SOLE	1	3,320	0	0
STRATASYS LTD	COM	M85548101	632	33,012	SH	SOLE	1	33,012	0	0
STRATUS PROPERTIES INC	COM	863167201	117	3,824	SH	SOLE	1	3,824	0	0
STRAYER EDUCATION INC	COM	863236105	938	8,299	SH	SOLE	1	8,299	0	0
STRYKER CORP	COM	863667101	23,761	140,712	SH	SOLE	1	140,712	0	0
STURM RUGER & CO INC	COM	864159108	730	13,029	SH	SOLE	1	13,029	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	192	7,136	SH	SOLE	1	7,136	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	1,143	79,847	SH	SOLE	1	79,847	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	1,918	73,067	SH	SOLE	1	73,067	0	0
SUN COMMUNITIES INC	COM	866674104	142	1,452	SH	SOLE	1	1,452	0	0
SUN HYDRAULICS CORP	COM	866942105	898	18,625	SH	SOLE	1	18,625	0	0
SUNCOKE ENERGY INC	COM	86722A103	670	50,034	SH	SOLE	1	50,034	0	0
SUNCOR ENERGY INC	COM	867224958	522	12,839	SH	SOLE	1	12,839	0	0
SUNPOWER CORP	COM	867652406	308	40,139	SH	SOLE	1	40,139	0	0
SUNRUN INC	COM	86771W105	814	61,899	SH	SOLE	1	61,899	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	2,443	147,007	SH	SOLE	1	147,007	0	0
SUNTRUST BANKS INC	COM	867914103	13,897	210,493	SH	SOLE	1	210,493	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	707	29,881	SH	SOLE	1	29,881	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	3,969	407,492	SH	SOLE	1	407,492	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	121	5,841	SH	SOLE	1	5,841	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	336	18,780	SH	SOLE	1	18,780	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	2,278	38,064	SH	SOLE	1	38,064	0	0
SUPERVALU INC	COM	868536301	603	29,410	SH	SOLE	1	29,410	0	0
SURFACE ONCOLOGY INC	COM	86877M209	77	4,735	SH	SOLE	1	4,735	0	0
SURGERY PARTNERS INC	COM	86881A100	181	12,127	SH	SOLE	1	12,127	0	0
SURMODICS INC	COM	868873100	553	10,024	SH	SOLE	1	10,024	0	0
SUTHERLAND ASSET MANAGEMENT	COM	86933G105	187	11,510	SH	SOLE	1	11,510	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,444	18,853	SH	SOLE	1	18,853	0	0



SWITCH INC A	COM	87105L104	11	864	SH	SOLE	1	864	0	0
SYKES ENTERPRISES INC	COM	871237103	878	30,503	SH	SOLE	1	30,503	0	0
SYMANTEC CORP	COM	871503108	5,017	242,935	SH	SOLE	1	242,935	0	0
SYNALLOY CORP	COM	871565107	107	5,386	SH	SOLE	1	5,386	0	0
SYNAPTICS INC	COM	87157D109	4,614	91,611	SH	SOLE	1	91,611	0	0
SYNCHRONY FINANCIAL	COM	87165B103	9,706	290,770	SH	SOLE	1	290,770	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	68	9,658	SH	SOLE	1	9,658	0	0
SYNEOS HEALTH INC	COM	87166B102	6,900	147,132	SH	SOLE	1	147,132	0	0
SYNERGY PHARMACEUTICALS INC	COM	871639308	282	162,155	SH	SOLE	1	162,155	0	0
SYNOLOGIC INC	COM	87166L100	99	10,035	SH	SOLE	1	10,035	0	0
SYNNEX CORP	COM	87162W100	7,545	78,177	SH	SOLE	1	78,177	0	0
SYNOPSIS INC	COM	871607107	5,132	59,975	SH	SOLE	1	59,975	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	12,616	238,803	SH	SOLE	1	238,803	0	0
SYNTEL INC	COM	87162H103	743	23,162	SH	SOLE	1	23,162	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	163	15,953	SH	SOLE	1	15,953	0	0
SYSCO CORP	COM	871829107	10,488	153,573	SH	SOLE	1	153,573	0	0
SYSTEMAX INC	COM	871851101	273	7,965	SH	SOLE	1	7,965	0	0
T MOBILE US INC	COM	872590104	3,064	51,285	SH	SOLE	1	51,285	0	0
T ROWE PRICE GROUP INC	COM	74144T108	15,722	135,431	SH	SOLE	1	135,431	0	0
T2 BIOSYSTEMS INC	COM	89853L104	129	16,653	SH	SOLE	1	16,653	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	160	1,638	SH	SOLE	1	1,638	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	823	12,892	SH	SOLE	1	12,892	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	679	13,055	SH	SOLE	1	13,055	0	0
TAHOE RESOURCES INC	COM	873868103	996	202,381	SH	SOLE	1	202,381	0	0
TAILORED BRANDS INC	COM	87403A107	977	38,284	SH	SOLE	1	38,284	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,636	47,618	SH	SOLE	1	47,618	0	0
TALOS ENERGY INC	COM	87484T108	422	13,128	SH	SOLE	1	13,128	0	0
TANDEM DIABETES CARE INC	COM	875372203	640	29,065	SH	SOLE	1	29,065	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	5,828	248,086	SH	SOLE	1	248,086	0	0
TAPESTRY INC	COM	876030107	544,479	11,656,578	SH	SOLE	1	11,656,578	0	0
TARGA RESOURCES CORP	COM	87612G101	450	9,099	SH	SOLE	1	9,099	0	0
TARGET CORP	COM	87612E106	14,716	193,323	SH	SOLE	1	193,323	0	0
TAUBMAN CENTERS INC	COM	876664103	7,230	123,051	SH	SOLE	1	123,051	0	0
TAYLOR MORRISON HOME CORP A	COM	87724P106	1,519	73,093	SH	SOLE	1	73,093	0	0
TC PIPELINES LP	COM	87233QAA6	1,040	1,026,000	SH	SOLE	1	1,026,000	0	0
TCF FINANCIAL CORP	COM	872275102	8,336	338,568	SH	SOLE	1	338,568	0	0

TD AMERITRADE HOLDING CORP	COM	87236Y108	458	8,363	SH	SOLE	1	8,363	0	0
TE CONNECTIVITY LTD	COM	H84989104	10,591	117,603	SH	SOLE	1	117,603	0	0
TEAM INC	COM	878155100	528	22,847	SH	SOLE	1	22,847	0	0
TECH DATA CORP	COM	878237106	7,753	94,413	SH	SOLE	1	94,413	0	0
TECHNIPFMC PLC	COM	G87110105	4,691	147,804	SH	SOLE	1	147,804	0	0
TECHTARGET	COM	87874R100	376	13,238	SH	SOLE	1	13,238	0	0
TEEKAY CORP	COM	Y8564W103	346	44,642	SH	SOLE	1	44,642	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	146	124,544	SH	SOLE	1	124,544	0	0
TEGNA INC	COM	87901J105	6,734	620,673	SH	SOLE	1	620,673	0	0
TEJON RANCH CO	COM	879080109	333	13,707	SH	SOLE	1	13,707	0	0
TELADOC INC	COM	87918A105	2,346	40,419	SH	SOLE	1	40,419	0	0
TELARIA INC	COM	879181105	116	28,598	SH	SOLE	1	28,598	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	14,326	71,970	SH	SOLE	1	71,970	0	0
TELEFLEX INC	COM	879369106	24,598	91,713	SH	SOLE	1	91,713	0	0
TELENAV INC	COM	879455103	113	20,176	SH	SOLE	1	20,176	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,126	186,929	SH	SOLE	1	186,929	0	0
TELIGENT INC	COM	87960W104	93	26,796	SH	SOLE	1	26,796	0	0
TELLURIAN INC	COM	87968A104	438	52,680	SH	SOLE	1	52,680	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	4,484	93,317	SH	SOLE	1	93,317	0	0
TENET HEALTHCARE CORP	COM	88033G407	7,296	217,330	SH	SOLE	1	217,330	0	0
TENNANT CO	COM	880345103	1,088	13,773	SH	SOLE	1	13,773	0	0
TENNECO INC	COM	880349105	1,457	33,143	SH	SOLE	1	33,143	0	0
TERADATA CORP	COM	88076W103	9,790	243,827	SH	SOLE	1	243,827	0	0
TERADYNE INC	COM	880770102	14,665	385,218	SH	SOLE	1	385,218	0	0
TEREX CORP	COM	880779103	6,127	145,234	SH	SOLE	1	145,234	0	0
TERRAFORM POWER INC A	COM	88104R209	558	47,658	SH	SOLE	1	47,658	0	0
TERRENO REALTY CORP	COM	88146M101	1,351	35,856	SH	SOLE	1	35,856	0	0
TERRITORIAL BANCORP INC	COM	88145X108	157	5,071	SH	SOLE	1	5,071	0	0
TESARO INC	COM	881569107	97	2,183	SH	SOLE	1	2,183	0	0
TESLA INC	COM	88160R101	3,325	9,696	SH	SOLE	1	9,696	0	0
TETRA TECH INC	COM	88162G103	2,500	42,735	SH	SOLE	1	42,735	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	419	94,262	SH	SOLE	1	94,262	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	120	33,604	SH	SOLE	1	33,604	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	3,074	126,408	SH	SOLE	1	126,408	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	9,164	100,150	SH	SOLE	1	100,150	0	0
TEXAS INSTRUMENTS INC	COM	882508104	588,550	5,338,321	SH	SOLE	1	5,338,321	0	0

TEXAS ROADHOUSE INC	COM	882681109	11,477	175,202	SH	SOLE	1	175,202	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	282	17,764	SH	SOLE	1	17,764	0	0
TEXTRON INC	COM	883203101	5,737	87,048	SH	SOLE	1	87,048	0	0
TFS FINANCIAL CORP	COM	87240R107	15	922	SH	SOLE	1	922	0	0
TG THERAPEUTICS INC	COM	88322Q108	507	38,541	SH	SOLE	1	38,541	0	0
THE BANK OF PRINCETON	COM	064520109	125	3,764	SH	SOLE	1	3,764	0	0
THERAPEUTICSMD INC	COM	88338N107	683	109,499	SH	SOLE	1	109,499	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	633	27,916	SH	SOLE	1	27,916	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	33,391	161,198	SH	SOLE	1	161,198	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	483	21,114	SH	SOLE	1	21,114	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	780	62,429	SH	SOLE	1	62,429	0	0
THOR INDUSTRIES INC	COM	885160101	9,630	98,885	SH	SOLE	1	98,885	0	0
TIDEWATER INC	COM	88642R109	451	15,605	SH	SOLE	1	15,605	0	0
Tidewater Inc.	COM	88642R109	67,732	2,341,223	SH	SOLE	2	2,341,223	0	0
TIER REIT INC	COM	88650V208	739	31,085	SH	SOLE	1	31,085	0	0
TIFFANY & CO	COM	886547108	5,292	40,212	SH	SOLE	1	40,212	0	0
TILE SHOP HLDGS INC	COM	88677Q109	233	30,318	SH	SOLE	1	30,318	0	0
TILLY S INC CLASS A SHRS	COM	886885102	143	9,438	SH	SOLE	1	9,438	0	0
TIMBERLAND BANCORP INC	COM	887098101	159	4,251	SH	SOLE	1	4,251	0	0
TIMKEN CO	COM	887389104	5,985	137,439	SH	SOLE	1	137,439	0	0
TIMKENSTEEL CORP	COM	887399103	502	30,721	SH	SOLE	1	30,721	0	0
TIPTREE INC	COM	88822Q103	124	18,216	SH	SOLE	1	18,216	0	0
TITAN INTERNATIONAL INC	COM	88830M102	415	38,640	SH	SOLE	1	38,640	0	0
TITAN MACHINERY INC	COM	88830R101	191	12,282	SH	SOLE	1	12,282	0	0
TIVITY HEALTH INC	COM	88870R102	1,061	30,134	SH	SOLE	1	30,134	0	0
TIVO CORP	COM	88870P106	1,255	93,317	SH	SOLE	1	93,317	0	0
TJX COMPANIES INC	COM	872540109	27,785	291,925	SH	SOLE	1	291,925	0	0
TOBIRA THERAPEUTICS IN	COM	888CVR990	0	5,093	SH	SOLE	1	5,093	0	0
TOCAGEN INC	COM	888846102	108	11,612	SH	SOLE	1	11,612	0	0
TOLL BROTHERS INC	COM	889478103	10,774	291,274	SH	SOLE	1	291,274	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	951	11,079	SH	SOLE	1	11,079	0	0
TOOTSIE ROLL INDS	COM	890516107	1,520	49,263	SH	SOLE	1	49,263	0	0
TOPBUILD CORP	COM	89055F103	2,143	27,351	SH	SOLE	1	27,351	0	0
TORCHMARK CORP	COM	891027104	3,991	49,028	SH	SOLE	1	49,028	0	0
TORO CO	COM	891092108	12,890	213,945	SH	SOLE	1	213,945	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	5,330	63,067	SH	SOLE	1	63,067	0	0

TOWER INTERNATIONAL INC	COM	891826109	411	12,919	SH	SOLE	1	12,919	0	0
TOWN SPORTS INTERNATIONAL	COM	89214A102	137	9,437	SH	SOLE	1	9,437	0	0
TOWNE BANK	COM	89214P109	1,378	42,940	SH	SOLE	1	42,940	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	416	20,469	SH	SOLE	1	20,469	0	0
TPI COMPOSITES INC	COM	87266J104	277	9,488	SH	SOLE	1	9,488	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	3,316	43,351	SH	SOLE	1	43,351	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	1,926	20,532	SH	SOLE	1	20,532	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	37	1,092	SH	SOLE	1	1,092	0	0
TRANSDIGM GROUP INC	COM	893641100	7,000	20,282	SH	SOLE	1	20,282	0	0
TRANSENTERIX INC	COM	89366M201	443	101,608	SH	SOLE	1	101,608	0	0
TRANSOCEAN LTD	COM	H8817H100	11,862	882,619	SH	SOLE	1	882,619	0	0
TRANSUNION	COM	89400J107	436	6,081	SH	SOLE	1	6,081	0	0
TRAVELERS COS INC/THE	COM	89417E109	17,241	140,930	SH	SOLE	1	140,930	0	0
TRAVELPORT WORLDWIDE LTD	COM	G9019D104	1,794	96,773	SH	SOLE	1	96,773	0	0
TRAVELZOO	COM	89421Q205	53	3,121	SH	SOLE	1	3,121	0	0
TRECORA RESOURCES	COM	894648104	201	13,506	SH	SOLE	1	13,506	0	0
TREDEGAR CORP	COM	894650100	468	19,897	SH	SOLE	1	19,897	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,951	113,329	SH	SOLE	1	113,329	0	0
TREX COMPANY INC	COM	89531P105	2,849	45,524	SH	SOLE	1	45,524	0	0
TRI POINTE GROUP INC	COM	87265H109	6,570	401,580	SH	SOLE	1	401,580	0	0
TRIBUNE MEDIA CO A	COM	896047503	62	1,631	SH	SOLE	1	1,631	0	0
TRICO BANCSHARES	COM	896095106	499	13,336	SH	SOLE	1	13,336	0	0
TRIMAS CORP	COM	896215209	878	29,866	SH	SOLE	1	29,866	0	0
TRIMBLE INC	COM	896239100	16,804	511,697	SH	SOLE	1	511,697	0	0
TRINET GROUP INC	COM	896288107	1,590	28,421	SH	SOLE	1	28,421	0	0
TRINITY INDUSTRIES INC	COM	896522109	10,293	300,426	SH	SOLE	1	300,426	0	0
TRINITY PLACE HOLDINGS INC	COM	89656D101	75	11,428	SH	SOLE	1	11,428	0	0
TRINSEO SA	COM	L9340P101	2,953	41,626	SH	SOLE	1	41,626	0	0
TRIPADVISOR INC	COM	896945201	2,183	39,187	SH	SOLE	1	39,187	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	562	14,389	SH	SOLE	1	14,389	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	379	14,538	SH	SOLE	1	14,538	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,045	34,074	SH	SOLE	1	34,074	0	0
TRIUMPH BANCORP INC	COM	89679E300	637	15,627	SH	SOLE	1	15,627	0	0
TRIUMPH GROUP INC	COM	896818101	738	37,677	SH	SOLE	1	37,677	0	0
TRONC INC	COM	89703P107	194	11,227	SH	SOLE	1	11,227	0	0
TRONOX LTD CL A	COM	Q9235V101	1,201	61,008	SH	SOLE	1	61,008	0	0

TRUEBLUE INC	COM	89785X101	852	31,623	SH	SOLE	1	31,623	0	0
TRUECAR INC	COM	89785L107	601	59,593	SH	SOLE	1	59,593	0	0
TRUPANION INC	COM	898202106	603	15,623	SH	SOLE	1	15,623	0	0
TRUSTCO BANK CORP NY	COM	898349105	645	72,475	SH	SOLE	1	72,475	0	0
TRUSTMARK CORP	COM	898402102	5,843	179,081	SH	SOLE	1	179,081	0	0
TTEC HOLDINGS INC	COM	89854H102	377	10,919	SH	SOLE	1	10,919	0	0
TTM TECHNOLOGIES	COM	87305R109	1,273	72,208	SH	SOLE	1	72,208	0	0
TUCOWS INC CLASS A	COM	898697206	376	6,197	SH	SOLE	1	6,197	0	0
TUPPERWARE BRANDS CORP	COM	899896104	5,582	135,360	SH	SOLE	1	135,360	0	0
TURNING POINT BRANDS INC	COM	90041L105	164	5,154	SH	SOLE	1	5,154	0	0
TURTLE BEACH CORP	COM	900450206	104	5,120	SH	SOLE	1	5,120	0	0
TUTOR PERINI CORP	COM	901109108	450	24,385	SH	SOLE	1	24,385	0	0
TWENTY FIRST CENTURY FOX B	COM	90130A200	9,180	186,315	SH	SOLE	1	186,315	0	0
TWENTY FIRST CENTURY FOX A	COM	90130A101	22,631	455,441	SH	SOLE	1	455,441	0	0
TWILIO INC A	COM	90138F102	97	1,731	SH	SOLE	1	1,731	0	0
TWIN DISC INC	COM	901476101	137	5,514	SH	SOLE	1	5,514	0	0
TWITTER INC	COM	90184L102	9,892	226,522	SH	SOLE	1	226,522	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	51	3,231	SH	SOLE	1	3,231	0	0
TYLER TECHNOLOGIES INC	COM	902252105	15,971	71,911	SH	SOLE	1	71,911	0	0
TYME TECHNOLOGIES INC	COM	90238J103	86	27,366	SH	SOLE	1	27,366	0	0
TYSON FOODS INC CL A	COM	902494103	7,962	115,639	SH	SOLE	1	115,639	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	924	9,630	SH	SOLE	1	9,630	0	0
UBIQUITI NETWORKS INC	COM	90347A100	39	465	SH	SOLE	1	465	0	0
UDR INC	COM	902653104	3,328	88,640	SH	SOLE	1	88,640	0	0
UFP TECHNOLOGIES INC	COM	902673102	133	4,314	SH	SOLE	1	4,314	0	0
UGI CORP	COM	902681105	18,444	354,208	SH	SOLE	1	354,208	0	0
ULTA BEAUTY INC	COM	90384S303	6,188	26,506	SH	SOLE	1	26,506	0	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	15,107	58,713	SH	SOLE	1	58,713	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	492	29,647	SH	SOLE	1	29,647	0	0
ULTRA PETROLEUM CORP	COM	903914208	240	103,733	SH	SOLE	1	103,733	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,355	30,630	SH	SOLE	1	30,630	0	0
UMB FINANCIAL CORP	COM	902788108	8,948	117,377	SH	SOLE	1	117,377	0	0
UMH PROPERTIES INC	COM	903002103	327	21,322	SH	SOLE	1	21,322	0	0
UMPQUA HOLDINGS CORP	COM	904214103	10,010	443,107	SH	SOLE	1	443,107	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,435	63,830	SH	SOLE	1	63,830	0	0

UNDER ARMOUR INC CLASS C	COM	904311206	0	0	SH	SOLE	1	0	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,763	83,615	SH	SOLE	1	83,615	0	0
UNIFI INC	COM	904677200	387	12,207	SH	SOLE	1	12,207	0	0
UNIFIRST CORP/MA	COM	904708104	2,083	11,777	SH	SOLE	1	11,777	0	0
UNION BANKSHARES CORP	COM	90539J109	1,659	42,676	SH	SOLE	1	42,676	0	0
UNION BANKSHARES INC /VT	COM	905400107	132	2,536	SH	SOLE	1	2,536	0	0
UNION PACIFIC CORP	COM	907818108	44,471	313,883	SH	SOLE	1	313,883	0	0
UNISYS CORP	COM	909214306	424	32,886	SH	SOLE	1	32,886	0	0
UNIT CORP	COM	909218109	1,036	40,531	SH	SOLE	1	40,531	0	0
UNITED BANKSHARES INC	COM	909907107	10,032	275,614	SH	SOLE	1	275,614	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,836	59,859	SH	SOLE	1	59,859	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	347	31,596	SH	SOLE	1	31,596	0	0
UNITED CONTINENTAL HOLDINGS	COM	910047109	6,092	87,371	SH	SOLE	1	87,371	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	579	33,044	SH	SOLE	1	33,044	0	0
UNITED FIRE GROUP INC	COM	910340108	885	16,227	SH	SOLE	1	16,227	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	310	15,829	SH	SOLE	1	15,829	0	0
UNITED NATURAL FOODS INC	COM	911163103	5,689	133,365	SH	SOLE	1	133,365	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	32,013	301,356	SH	SOLE	1	301,356	0	0
UNITED RENTALS INC	COM	911363109	4,512	30,562	SH	SOLE	1	30,562	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	96	8,550	SH	SOLE	1	8,550	0	0
UNITED STATES LIME & MINERAL	COM	911922102	109	1,302	SH	SOLE	1	1,302	0	0
UNITED STATES STEEL CORP	COM	912909108	12,365	355,813	SH	SOLE	1	355,813	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	46,785	374,189	SH	SOLE	1	374,189	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	10,162	89,807	SH	SOLE	1	89,807	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	72,814	296,788	SH	SOLE	1	296,788	0	0
UNITI GROUP INC	COM	91325V108	6,658	332,405	SH	SOLE	1	332,405	0	0
UNITIL CORP	COM	913259107	484	9,486	SH	SOLE	1	9,486	0	0
UNITY BANCORP INC	COM	913290102	115	5,033	SH	SOLE	1	5,033	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	50	3,288	SH	SOLE	1	3,288	0	0
UNIVAR INC	COM	91336L107	59	2,242	SH	SOLE	1	2,242	0	0
UNIVERSAL CORP/VA	COM	913456109	1,259	19,059	SH	SOLE	1	19,059	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	88	1,028	SH	SOLE	1	1,028	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	352	10,645	SH	SOLE	1	10,645	0	0

UNIVERSAL FOREST PRODUCTS	COM	913543104	1,699	46,395	SH	SOLE	1	46,395	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	630	9,854	SH	SOLE	1	9,854	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,288	29,501	SH	SOLE	1	29,501	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	860	24,495	SH	SOLE	1	24,495	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	142	5,415	SH	SOLE	1	5,415	0	0
UNIVERSAL STAINLESS & ALLOY	COM	913837100	108	4,571	SH	SOLE	1	4,571	0	0
UNIVEST CORP OF PENNSYLVANIA	COM	915271100	517	18,790	SH	SOLE	1	18,790	0	0
UNUM GROUP	COM	91529Y106	2,766	74,775	SH	SOLE	1	74,775	0	0
UNUM THERAPEUTICS INC	COM	903214104	33	2,308	SH	SOLE	1	2,308	0	0
UPLAND SOFTWARE INC	COM	91544A109	352	10,256	SH	SOLE	1	10,256	0	0
URANIUM ENERGY CORP	COM	916896103	163	101,542	SH	SOLE	1	101,542	0	0
URBAN EDGE PROPERTIES	COM	91704F104	6,463	282,577	SH	SOLE	1	282,577	0	0
URBAN OUTFITTERS INC	COM	917047102	7,223	162,137	SH	SOLE	1	162,137	0	0
URSTADT BIDDLE CLASS A	COM	917286205	516	22,813	SH	SOLE	1	22,813	0	0
US BANCORP	COM	902973304	37,662	752,931	SH	SOLE	1	752,931	0	0
US CELLULAR CORP	COM	911684108	9	241	SH	SOLE	1	241	0	0
US CONCRETE INC	COM	90333L201	649	12,360	SH	SOLE	1	12,360	0	0
US ECOLOGY INC	COM	91732J102	1,076	16,886	SH	SOLE	1	16,886	0	0
US FOODS HOLDING CORP	COM	912008109	154	4,082	SH	SOLE	1	4,082	0	0
US SILICA HOLDINGS INC	COM	90346E103	1,549	60,303	SH	SOLE	1	60,303	0	0
USA TECHNOLOGIES INC	COM	90328S500	472	33,713	SH	SOLE	1	33,713	0	0
USA TRUCK INC	COM	902925106	121	5,157	SH	SOLE	1	5,157	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	951	8,248	SH	SOLE	1	8,248	0	0
USG CORP	COM	903293405	65	1,518	SH	SOLE	1	1,518	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	247	2,238	SH	SOLE	1	2,238	0	0
VAIL RESORTS INC	COM	91879Q109	749	2,730	SH	SOLE	1	2,730	0	0
VALERO ENERGY CORP	COM	91913Y100	20,025	180,682	SH	SOLE	1	180,682	0	0
VALHI INC	COM	918905100	78	16,457	SH	SOLE	1	16,457	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,983	738,752	SH	SOLE	1	738,752	0	0
VALMONT INDUSTRIES	COM	920253101	6,841	45,380	SH	SOLE	1	45,380	0	0
VALUE LINE INC	COM	920437100	17	705	SH	SOLE	1	705	0	0
VALVOLINE INC	COM	92047W101	8,495	393,839	SH	SOLE	1	393,839	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	637	33,452	SH	SOLE	1	33,452	0	0
VANGUARD RUSSELL 2000 ETF	VAN RUSS	92206C664	1,273	9,700	SH	SOLE	1	9,700	0	0

VAREX IMAGING CORP	COM	92214X106	1,090	29,387	SH	SOLE	1	29,387	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	3,880	34,117	SH	SOLE	1	34,117	0	0
VARONIS SYSTEMS INC	COM	922280102	1,348	18,098	SH	SOLE	1	18,098	0	0
VECTOR GROUP LTD	COM	92240M108	2,129	111,578	SH	SOLE	1	111,578	0	0
VECTREN CORP	COM	92240G101	11,948	167,215	SH	SOLE	1	167,215	0	0
VECTRUS INC	COM	92242T101	224	7,267	SH	SOLE	1	7,267	0	0
VEECO INSTRUMENTS INC	COM	922417100	531	37,295	SH	SOLE	1	37,295	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	339	4,405	SH	SOLE	1	4,405	0	0
VENTAS INC	COM	92276F100	9,266	162,701	SH	SOLE	1	162,701	0	0
VERA BRADLEY INC	COM	92335C106	239	17,021	SH	SOLE	1	17,021	0	0
VERACYTE INC	COM	92337F107	147	15,751	SH	SOLE	1	15,751	0	0
VERASTEM INC	COM	92337C104	237	34,433	SH	SOLE	1	34,433	0	0
VEREIT INC	COM	92339V100	134	18,059	SH	SOLE	1	18,059	0	0
VERICEL CORP	COM	92346J108	233	24,031	SH	SOLE	1	24,031	0	0
VERIFONE SYSTEMS INC	COM	92342Y109	6,673	292,422	SH	SOLE	1	292,422	0	0
VERINT SYSTEMS INC	COM	92343X100	1,840	41,488	SH	SOLE	1	41,488	0	0
VERISIGN INC	COM	92343E102	5,128	37,319	SH	SOLE	1	37,319	0	0
VERISK ANALYTICS INC	COM	92345Y106	7,379	68,556	SH	SOLE	1	68,556	0	0
VERITEX HOLDINGS INC	COM	923451108	470	15,140	SH	SOLE	1	15,140	0	0
VERITIV CORP	COM	923454102	352	8,832	SH	SOLE	1	8,832	0	0
VERITONE INC	COM	92347M100	78	4,657	SH	SOLE	1	4,657	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	558,010	11,091,430	SH	SOLE	1	11,091,430	0	0
VERMILION ENERGY INC	COM	923725956	202	5,604	SH	SOLE	1	5,604	0	0
VERSO CORP A	COM	92531L207	489	22,463	SH	SOLE	1	22,463	0	0
VERSUM MATERIALS INC	COM	92532W103	8,168	219,862	SH	SOLE	1	219,862	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	18,866	111,005	SH	SOLE	1	111,005	0	0
VF CORP	COM	918204108	10,186	124,948	SH	SOLE	1	124,948	0	0
VIACOM INC CLASS A	COM	92553P102	7	187	SH	SOLE	1	187	0	0
VIACOM INC CLASS B	COM	92553P201	17,854	591,966	SH	SOLE	1	591,966	0	0
VIAD CORP	COM	92552R406	852	15,698	SH	SOLE	1	15,698	0	0
VIASAT INC	COM	92552V100	9,524	144,918	SH	SOLE	1	144,918	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,793	175,076	SH	SOLE	1	175,076	0	0
VICI PROPERTIES INC	COM	925652109	105	5,082	SH	SOLE	1	5,082	0	0
VICOR CORP	COM	925815102	574	13,173	SH	SOLE	1	13,173	0	0
VIEWRAY INC	COM	92672L107	223	32,267	SH	SOLE	1	32,267	0	0
VIKING THERAPEUTICS INC	COM	92686J106	269	28,367	SH	SOLE	1	28,367	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	158	5,354	SH	SOLE	1	5,354	0	0
VIRNETX HOLDING CORP	COM	92823T108	120	35,156	SH	SOLE	1	35,156	0	0



VIRTU FINANCIAL INC CLASS A	COM	928254101	25	944	SH	SOLE	1	944	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	688	5,377	SH	SOLE	1	5,377	0	0
VIRTUSA CORP	COM	92827P102	1,052	21,613	SH	SOLE	1	21,613	0	0
VISA INC CLASS A SHARES	COM	92826C839	92,639	699,428	SH	SOLE	1	699,428	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	8,115	349,801	SH	SOLE	1	349,801	0	0
VISHAY PRECISION GROUP	COM	92835K103	257	6,735	SH	SOLE	1	6,735	0	0
VISTA OUTDOOR INC	COM	928377100	682	44,030	SH	SOLE	1	44,030	0	0
VISTEON CORP	COM	92839U206	84	653	SH	SOLE	1	653	0	0
VISTRA ENERGY CORP	COM	92840M102	181	7,633	SH	SOLE	1	7,633	0	0
VITAL THERAPIES INC	COM	92847R104	136	19,804	SH	SOLE	1	19,804	0	0
VITAMIN SHOPPE INC	COM	92849E101	20	2,883	SH	SOLE	1	2,883	0	0
VIVINT SOLAR INC	COM	92854Q106	99	19,971	SH	SOLE	1	19,971	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	572	19,150	SH	SOLE	1	19,150	0	0
VODAFONE GROUP PLC SP ADR	ADR	92857W308	659	27,109	SH	SOLE	1	27,109	0	0
VONAGE HOLDINGS CORP	COM	92886T201	2,189	169,799	SH	SOLE	1	169,799	0	0
VORNADO REALTY TRUST	COM	929042109	5,381	72,792	SH	SOLE	1	72,792	0	0
VOYA FINANCIAL INC	COM	929089100	3,020	64,246	SH	SOLE	1	64,246	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	273	13,975	SH	SOLE	1	13,975	0	0
VSE CORP	COM	918284100	270	5,647	SH	SOLE	1	5,647	0	0
VULCAN MATERIALS CO	COM	929160109	7,063	54,727	SH	SOLE	1	54,727	0	0
VUZIX CORP	COM	92921W300	114	15,342	SH	SOLE	1	15,342	0	0
W&T OFFSHORE INC	COM	92922P106	433	60,585	SH	SOLE	1	60,585	0	0
WABASH NATIONAL CORP	COM	929566107	826	44,291	SH	SOLE	1	44,291	0	0
WABCO HOLDINGS INC	COM	92927K102	151	1,294	SH	SOLE	1	1,294	0	0
WABTEC CORP	COM	929740108	17,021	172,657	SH	SOLE	1	172,657	0	0
WADDELL & REED FINANCIAL A	COM	930059100	1,112	61,887	SH	SOLE	1	61,887	0	0
WAGEWORKS INC	COM	930427109	1,528	30,566	SH	SOLE	1	30,566	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	25,745	428,983	SH	SOLE	1	428,983	0	0
WALKER & DUNLOP INC	COM	93148P102	1,190	21,391	SH	SOLE	1	21,391	0	0
WALMART INC	COM	931142103	43,535	508,286	SH	SOLE	1	508,286	0	0
WALT DISNEY CO/THE	COM	254687106	64,558	615,951	SH	SOLE	1	615,951	0	0
WARRIOR MET COAL INC	COM	93627C101	645	23,401	SH	SOLE	1	23,401	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,307	223,463	SH	SOLE	1	223,463	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	1,167	143,934	SH	SOLE	1	143,934	0	0
WASHINGTON REIT	COM	939653101	1,558	51,355	SH	SOLE	1	51,355	0	0

WASHINGTON TRUST BANCORP	COM	940610108	570	9,810	SH	SOLE	1	9,810	0	0
WASTE CONNECTIONS INC	COM	94106B101	279	3,708	SH	SOLE	1	3,708	0	0
WASTE MANAGEMENT INC	COM	94106L109	13,823	169,947	SH	SOLE	1	169,947	0	0
WATERS CORP	COM	941848103	5,298	27,369	SH	SOLE	1	27,369	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	283	16,605	SH	SOLE	1	16,605	0	0
WATSCO INC	COM	942622200	11,522	64,630	SH	SOLE	1	64,630	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,679	21,414	SH	SOLE	1	21,414	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	439	11,482	SH	SOLE	1	11,482	0	0
WAYFAIR INC CLASS A	COM	94419L101	161	1,355	SH	SOLE	1	1,355	0	0
WD 40 CO	COM	929236107	1,542	10,547	SH	SOLE	1	10,547	0	0
WEATHERFORD INTERNATIONAL PL	COM	G48833100	61	18,543	SH	SOLE	1	18,543	0	0
WEB.COM GROUP INC	COM	94733A104	680	26,306	SH	SOLE	1	26,306	0	0
WEBSTER FINANCIAL CORP	COM	947890109	11,807	185,346	SH	SOLE	1	185,346	0	0
WEC ENERGY GROUP INC	COM	92939U106	10,008	154,804	SH	SOLE	1	154,804	0	0
WEIGHT WATCHERS INTL INC	COM	948626106	2,539	25,112	SH	SOLE	1	25,112	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	7,390	239,868	SH	SOLE	1	239,868	0	0
WEIS MARKETS INC	COM	948849104	332	6,220	SH	SOLE	1	6,220	0	0
WELBILT INC	COM	949090104	70	3,145	SH	SOLE	1	3,145	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	23,448	95,226	SH	SOLE	1	95,226	0	0
WELLS FARGO & CO	COM	949746101	77,903	1,405,168	SH	SOLE	1	1,405,168	0	0
WELLTOWER INC	COM	95040Q104	9,960	158,878	SH	SOLE	1	158,878	0	0
WENDY S CO/THE	COM	95058W100	6,224	362,294	SH	SOLE	1	362,294	0	0
WERNER ENTERPRISES INC	COM	950755108	4,526	120,541	SH	SOLE	1	120,541	0	0
WESBANCO INC	COM	950810101	1,307	29,015	SH	SOLE	1	29,015	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	397	35,304	SH	SOLE	1	35,304	0	0
WESCO INTERNATIONAL INC	COM	95082P105	50	874	SH	SOLE	1	874	0	0
WEST BANCORPORATION	COM	95123P106	260	10,349	SH	SOLE	1	10,349	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	14,712	148,171	SH	SOLE	1	148,171	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,128	19,956	SH	SOLE	1	19,956	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	122	2,158	SH	SOLE	1	2,158	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	275	26,360	SH	SOLE	1	26,360	0	0
WESTERN DIGITAL CORP	COM	958102105	11,320	146,235	SH	SOLE	1	146,235	0	0

WESTERN NEW ENGLAND BANCORP	COM	958892101	193	17,545	SH	SOLE	1	17,545	0	0
WESTERN UNION CO	COM	959802109	3,384	166,452	SH	SOLE	1	166,452	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	93	864	SH	SOLE	1	864	0	0
WESTROCK CO	COM	96145D105	5,747	100,784	SH	SOLE	1	100,784	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	321	5,397	SH	SOLE	1	5,397	0	0
WEX INC	COM	96208T104	15,408	80,891	SH	SOLE	1	80,891	0	0
WEYCO GROUP INC	COM	962149100	146	4,024	SH	SOLE	1	4,024	0	0
WEYERHAEUSER CO	COM	962166104	13,233	362,944	SH	SOLE	1	362,944	0	0
WGL HOLDINGS INC	COM	92924F106	12,055	135,828	SH	SOLE	1	135,828	0	0
WHIRLPOOL CORP	COM	963320106	3,959	27,073	SH	SOLE	1	27,073	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	52	57	SH	SOLE	1	57	0	0
WHITESTONE REIT	COM	966084204	369	29,606	SH	SOLE	1	29,606	0	0
WHITING PETROLEUM CORP	COM	966387409	88	1,670	SH	SOLE	1	1,670	0	0
WIDEPENWEST INC	COM	96758W101	192	19,908	SH	SOLE	1	19,908	0	0
WILDHORSE RESOURCE DEVELOPME	COM	96812T102	451	17,786	SH	SOLE	1	17,786	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	5,636	90,320	SH	SOLE	1	90,320	0	0
WILLDAN GROUP INC	COM	96924N100	159	5,120	SH	SOLE	1	5,120	0	0
WILLIAM LYON HOMES CL A	COM	552074700	560	24,132	SH	SOLE	1	24,132	0	0
WILLIAMS COS INC	COM	969457100	7,608	280,638	SH	SOLE	1	280,638	0	0
WILLIAMS SONOMA INC	COM	969904101	10,369	168,936	SH	SOLE	1	168,936	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	64	2,012	SH	SOLE	1	2,012	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	7,495	49,438	SH	SOLE	1	49,438	0	0
WILLSCOT CORP	COM	971375126	314	21,236	SH	SOLE	1	21,236	0	0
WINDSTREAM HOLDINGS INC	COM	97382A309	140	26,578	SH	SOLE	1	26,578	0	0
WINGSTOP INC	COM	974155103	1,167	22,398	SH	SOLE	1	22,398	0	0
WINMARK CORP	COM	974250102	241	1,623	SH	SOLE	1	1,623	0	0
WINNEBAGO INDUSTRIES	COM	974637100	958	23,586	SH	SOLE	1	23,586	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	9,860	113,268	SH	SOLE	1	113,268	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	818	90,043	SH	SOLE	1	90,043	0	0
WMIH CORP	COM	92936P100	169	126,288	SH	SOLE	1	126,288	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,484	71,447	SH	SOLE	1	71,447	0	0
WOODWARD INC	COM	980745103	11,170	145,331	SH	SOLE	1	145,331	0	0
WORKDAY INC CLASS A	COM	98138H101	1,612	13,312	SH	SOLE	1	13,312	0	0
WORKIVA INC	COM	98139A105	440	18,019	SH	SOLE	1	18,019	0	0
WORLD ACCEPTANCE CORP	COM	981419104	525	4,725	SH	SOLE	1	4,725	0	0

WORLD FUEL SERVICES CORP	COM	981475106	3,647	178,667	SH	SOLE	1	178,667	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	2,350	32,265	SH	SOLE	1	32,265	0	0
WORLDPAY INC CLASS A	COM	981558109	751	9,178	SH	SOLE	1	9,178	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,775	113,779	SH	SOLE	1	113,779	0	0
WP CAREY INC	COM	92936U109	131	1,971	SH	SOLE	1	1,971	0	0
WPX ENERGY INC	COM	98212B103	14,501	804,250	SH	SOLE	1	804,250	0	0
WR BERKLEY CORP	COM	084423102	14,565	201,143	SH	SOLE	1	201,143	0	0
WR GRACE & CO	COM	38388F108	111	1,512	SH	SOLE	1	1,512	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	1,794	69,108	SH	SOLE	1	69,108	0	0
WSFS FINANCIAL CORP	COM	929328102	1,047	19,648	SH	SOLE	1	19,648	0	0
WW GRAINGER INC	COM	384802104	5,536	17,950	SH	SOLE	1	17,950	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	9,527	215,197	SH	SOLE	1	215,197	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	11,838	201,216	SH	SOLE	1	201,216	0	0
WYNN RESORTS LTD	COM	983134107	5,831	34,847	SH	SOLE	1	34,847	0	0
XCEL ENERGY INC	COM	98389B100	9,450	206,882	SH	SOLE	1	206,882	0	0
XCERRA CORP	COM	98400J108	489	35,014	SH	SOLE	1	35,014	0	0
XENCOR INC	COM	98401F105	1,114	30,108	SH	SOLE	1	30,108	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,707	70,091	SH	SOLE	1	70,091	0	0
XEROX CORP	COM	984121608	2,262	94,242	SH	SOLE	1	94,242	0	0
XILINX INC	COM	983919101	6,528	100,038	SH	SOLE	1	100,038	0	0
XL GROUP LTD	COM	G98294104	5,487	98,062	SH	SOLE	1	98,062	0	0
XO GROUP INC	COM	983772104	599	18,717	SH	SOLE	1	18,717	0	0
XOMA CORP	COM	98419J206	78	3,719	SH	SOLE	1	3,719	0	0
XPERI CORP	COM	98421B100	608	37,748	SH	SOLE	1	37,748	0	0
XPO LOGISTICS INC	COM	983793100	288	2,878	SH	SOLE	1	2,878	0	0
XYLEM INC	COM	98419M100	4,050	60,106	SH	SOLE	1	60,106	0	0
YELP INC	COM	985817105	2,071	52,855	SH	SOLE	1	52,855	0	0
YEXT INC	COM	98585N106	1,023	52,899	SH	SOLE	1	52,899	0	0
YORK WATER CO	COM	987184108	267	8,391	SH	SOLE	1	8,391	0	0
YRC WORLDWIDE INC	COM	984249607	217	21,632	SH	SOLE	1	21,632	0	0
YUM BRANDS INC	COM	988498101	11,083	141,687	SH	SOLE	1	141,687	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	272	7,069	SH	SOLE	1	7,069	0	0
ZAFGEN INC	COM	98885E103	152	14,871	SH	SOLE	1	14,871	0	0
ZAGG INC	COM	98884U108	308	17,807	SH	SOLE	1	17,807	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	175	4,808	SH	SOLE	1	4,808	0	0
ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	15,435	107,752	SH	SOLE	1	107,752	0	0
ZENDESK INC	COM	98936J101	135	2,484	SH	SOLE	1	2,484	0	0

ZILLOW GROUP INC A	COM	98954M101	75	1,260	SH	SOLE	1	1,260	0	0
ZILLOW GROUP INC C	COM	98954M200	153	2,584	SH	SOLE	1	2,584	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	7,534	67,606	SH	SOLE	1	67,606	0	0
ZION OIL & GAS INC	COM	989696109	141	34,725	SH	SOLE	1	34,725	0	0
ZIONS BANCORPORATION	COM	989701107	3,519	66,780	SH	SOLE	1	66,780	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	259	85,715	SH	SOLE	1	85,715	0	0
ZIX CORP	COM	98974P100	183	34,041	SH	SOLE	1	34,041	0	0
ZOE S KITCHEN INC	COM	98979J109	121	12,359	SH	SOLE	1	12,359	0	0
ZOETIS INC	COM	98978V103	18,177	213,372	SH	SOLE	1	213,372	0	0
ZOGENIX INC	COM	98978L204	1,018	23,025	SH	SOLE	1	23,025	0	0
ZOMEDICA PHARMACEUTICALS COR	COM	98979F107	58	25,706	SH	SOLE	1	25,706	0	0
ZSCALER INC	COM	98980G102	324	9,074	SH	SOLE	1	9,074	0	0
ZUMIEZ INC	COM	989817101	358	14,273	SH	SOLE	1	14,273	0	0
ZYNGA INC CL A	COM	98986T108	58	14,244	SH	SOLE	1	14,244	0	0