

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Form 13F File Number	Name
1	028-02725	SUNAMERICA ASSET MANAGEMENT, LLC
2	028-13934	AIG Asset Management (U.S.), LLC

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

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

OMB APPROVAL

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

FORM 13F INFORMATION TABLE

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 VALUE (x\$1000)	COLUMN 5			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	201	17,031	SH		SOLE	1	17,031	0	0
1ST SOURCE CORP	COM	336901103	522	10,303	SH		SOLE	1	10,303	0	0
2U INC	COM	90214J101	2,584	30,755	SH		SOLE	1	30,755	0	0
3D SYSTEMS CORP	COM	88554D205	3,422	295,275	SH		SOLE	1	295,275	0	0
3M CO	COM	88579Y101	41,485	188,979	SH		SOLE	1	188,979	0	0
8X8 INC	COM	282914100	1,067	57,220	SH		SOLE	1	57,220	0	0
A10 NETWORKS INC	COM	002121101	186	31,991	SH		SOLE	1	31,991	0	0
AAC HOLDINGS INC	COM	000307108	84	7,324	SH		SOLE	1	7,324	0	0
AAON INC	COM	000360206	1,033	26,489	SH		SOLE	1	26,489	0	0
AAR CORP	COM	000361105	918	20,816	SH		SOLE	1	20,816	0	0
AARON S INC	COM	002535300	7,578	162,609	SH		SOLE	1	162,609	0	0
ABAXIS INC	COM	002567105	990	14,024	SH		SOLE	1	14,024	0	0
ABBOTT LABORATORIES	COM	002824100	43,167	720,404	SH		SOLE	1	720,404	0	0
ABBVIE INC	COM	00287Y109	523,974	5,535,907	SH		SOLE	1	5,535,907	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	258	17,986	SH		SOLE	1	17,986	0	0
ABERCROMBIE & FITCH CO CL A	COM	002896207	1,058	43,685	SH		SOLE	1	43,685	0	0
ABIOMED INC	COM	003654100	24,503	84,207	SH		SOLE	1	84,207	0	0
ABM INDUSTRIES INC	COM	000957100	1,197	35,759	SH		SOLE	1	35,759	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	218	98,066	SH		SOLE	1	98,066	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	463	12,042	SH		SOLE	1	12,042	0	0
ACACIA RESEARCH CORP	COM	003881307	111	31,638	SH		SOLE	1	31,638	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	6,408	163,563	SH		SOLE	1	163,563	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	50	2,242	SH		SOLE	1	2,242	0	0
ACADIA REALTY TRUST	COM	004239109	1,305	53,041	SH		SOLE	1	53,041	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	385	16,841	SH		SOLE	1	16,841	0	0

ACCELERON PHARMA INC	COM	00434H108	938	23,997	SH	SOLE	1	23,997	0	0
ACCENTURE PLC CL A	COM	G1151C101	36,733	239,300	SH	SOLE	1	239,300	0	0
ACCESS NATIONAL CORP	COM	004337101	271	9,496	SH	SOLE	1	9,496	0	0
ACCO BRANDS CORP	COM	00081T108	844	67,266	SH	SOLE	1	67,266	0	0
ACCURAY INC	COM	004397105	267	53,488	SH	SOLE	1	53,488	0	0
ACETO CORP	COM	004446100	145	19,120	SH	SOLE	1	19,120	0	0
ACHAOGEN INC	COM	004449104	283	21,839	SH	SOLE	1	21,839	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	322	86,667	SH	SOLE	1	86,667	0	0
ACI WORLDWIDE INC	COM	004498101	7,211	303,989	SH	SOLE	1	303,989	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	260	14,860	SH	SOLE	1	14,860	0	0
ACNB CORP	COM	000868109	129	4,409	SH	SOLE	1	4,409	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	655	27,697	SH	SOLE	1	27,697	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	20,569	304,911	SH	SOLE	1	304,911	0	0
ACTUANT CORP A	COM	00508X203	886	38,092	SH	SOLE	1	38,092	0	0
ACUITY BRANDS INC	COM	00508Y102	2,121	15,238	SH	SOLE	1	15,238	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	465	20,160	SH	SOLE	1	20,160	0	0
ACXIOM CORP	COM	005125109	4,711	207,444	SH	SOLE	1	207,444	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	263	10,988	SH	SOLE	1	10,988	0	0
ADAMS RESOURCES & ENERGY INC	COM	006351308	60	1,386	SH	SOLE	1	1,386	0	0
ADDUS HOMECARE CORP	COM	006739106	233	4,783	SH	SOLE	1	4,783	0	0
ADIANT PLC	COM	G0084W101	118	1,968	SH	SOLE	1	1,968	0	0
ADOBE SYSTEMS INC	COM	00724F101	46,823	216,694	SH	SOLE	1	216,694	0	0
ADT INC	COM	00090Q103	18	2,282	SH	SOLE	1	2,282	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	7,507	157,867	SH	SOLE	1	157,867	0	0
ADTRAN INC	COM	00738A106	483	31,061	SH	SOLE	1	31,061	0	0
ADURO BIOTECH INC	COM	00739L101	268	28,779	SH	SOLE	1	28,779	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,195	26,953	SH	SOLE	1	26,953	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	720	32,316	SH	SOLE	1	32,316	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	597	23,049	SH	SOLE	1	23,049	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	144	12,645	SH	SOLE	1	12,645	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,623	25,399	SH	SOLE	1	25,399	0	0
ADVANCED MICRO DEVICES	COM	007903107	3,001	298,588	SH	SOLE	1	298,588	0	0
ADVANSIX INC	COM	00773T101	666	19,158	SH	SOLE	1	19,158	0	0
ADVAXIS INC	COM	007624208	41	24,059	SH	SOLE	1	24,059	0	0
AECOM	COM	00766T100	11,345	318,410	SH	SOLE	1	318,410	0	0

AEGION CORP	COM	00770F104	473	20,652	SH	SOLE	1	20,652	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,032	20,341	SH	SOLE	1	20,341	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	1,180	21,753	SH	SOLE	1	21,753	0	0
AEROHIVE NETWORKS INC	COM	007786106	83	20,475	SH	SOLE	1	20,475	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,237	44,217	SH	SOLE	1	44,217	0	0
AEROVIRONMENT INC	COM	008073108	611	13,426	SH	SOLE	1	13,426	0	0
AES CORP	COM	00130H105	5,916	520,327	SH	SOLE	1	520,327	0	0
AETNA INC	COM	00817Y108	17,452	103,267	SH	SOLE	1	103,267	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	5,243	27,657	SH	SOLE	1	27,657	0	0
AFLAC INC	COM	001055102	16,239	371,088	SH	SOLE	1	371,088	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	311	17,923	SH	SOLE	1	17,923	0	0
AGCO CORP	COM	001084102	8,567	132,098	SH	SOLE	1	132,098	0	0
AGENUS INC	COM	00847G705	229	48,619	SH	SOLE	1	48,619	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	8,399	125,548	SH	SOLE	1	125,548	0	0
AGILYSYS INC	COM	00847J105	117	9,807	SH	SOLE	1	9,807	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	92	1,120	SH	SOLE	1	1,120	0	0
AGNC INVESTMENT CORP	COM	00123Q104	329	17,366	SH	SOLE	1	17,366	0	0
AGNICO EAGLE MINES LTD	COM	008474959	224	5,318	SH	SOLE	1	5,318	0	0
AGREE REALTY CORP	COM	008492100	870	18,102	SH	SOLE	1	18,102	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	104	14,086	SH	SOLE	1	14,086	0	0
AILERON THERAPEUTICS INC	COM	00887A105	28	3,409	SH	SOLE	1	3,409	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	723	22,726	SH	SOLE	1	22,726	0	0
AIR LEASE CORP	COM	00912X302	86	2,029	SH	SOLE	1	2,029	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	13,166	82,790	SH	SOLE	1	82,790	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	877	37,592	SH	SOLE	1	37,592	0	0
AIRCASTLE LTD	COM	G0129K104	604	30,422	SH	SOLE	1	30,422	0	0
AK STEEL HOLDING CORP	COM	001547108	914	201,720	SH	SOLE	1	201,720	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,305	60,649	SH	SOLE	1	60,649	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	246	9,588	SH	SOLE	1	9,588	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	273	28,613	SH	SOLE	1	28,613	0	0
AKORN INC	COM	009728106	3,518	188,010	SH	SOLE	1	188,010	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	45	7,666	SH	SOLE	1	7,666	0	0
ALAMO GROUP INC	COM	011311107	666	6,061	SH	SOLE	1	6,061	0	0

ALARM.COM HOLDINGS INC	COM	011642105	499	13,219	SH	SOLE	1	13,219	0	0
ALASKA AIR GROUP INC	COM	011659109	2,623	42,339	SH	SOLE	1	42,339	0	0
ALBANY INTL CORP CL A	COM	012348108	1,151	18,354	SH	SOLE	1	18,354	0	0
ALBEMARLE CORP	COM	012653101	3,757	40,516	SH	SOLE	1	40,516	0	0
ALCOA CORP	COM	013872106	174	3,871	SH	SOLE	1	3,871	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	515	40,525	SH	SOLE	1	40,525	0	0
ALEXANDER & BALDWIN INC	COM	014491104	4,105	177,486	SH	SOLE	1	177,486	0	0
ALEXANDER S INC	COM	014752109	519	1,362	SH	SOLE	1	1,362	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	4,249	34,023	SH	SOLE	1	34,023	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	11,035	99,006	SH	SOLE	1	99,006	0	0
ALICO INC	COM	016230104	54	1,986	SH	SOLE	1	1,986	0	0
ALIGN TECHNOLOGY INC	COM	016255101	8,620	34,326	SH	SOLE	1	34,326	0	0
ALKERMES PLC	COM	G01767105	439	7,578	SH	SOLE	1	7,578	0	0
ALLEGHANY CORP	COM	017175100	19,156	31,177	SH	SOLE	1	31,177	0	0
Alleghany Corporation	COM	017175100	11	18	SH	SOLE	2	18	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	7,794	329,121	SH	SOLE	1	329,121	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	286	7,318	SH	SOLE	1	7,318	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,397	8,096	SH	SOLE	1	8,096	0	0
ALLEGION PLC	COM	G0176J109	2,735	32,062	SH	SOLE	1	32,062	0	0
ALLENA PHARMACEUTICALS INC	COM	018119107	38	3,445	SH	SOLE	1	3,445	0	0
ALLERGAN PLC	COM	G0177J108	17,913	106,441	SH	SOLE	1	106,441	0	0
ALLETE INC	COM	018522300	9,639	133,407	SH	SOLE	1	133,407	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	3,662	17,203	SH	SOLE	1	17,203	0	0
ALLIANT ENERGY CORP	COM	018802108	3,244	79,399	SH	SOLE	1	79,399	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	168	4,232	SH	SOLE	1	4,232	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	111	2,842	SH	SOLE	1	2,842	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	5,856	474,171	SH	SOLE	1	474,171	0	0
ALLSTATE CORP	COM	020002101	17,681	186,508	SH	SOLE	1	186,508	0	0
ALLY FINANCIAL INC	COM	02005N100	249	9,182	SH	SOLE	1	9,182	0	0
ALMOST FAMILY INC	COM	020409108	457	8,165	SH	SOLE	1	8,165	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	346	2,906	SH	SOLE	1	2,906	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	197	12,781	SH	SOLE	1	12,781	0	0
ALPHABET INC CL A	COM	02079K305	133,352	128,577	SH	SOLE	1	128,577	0	0
ALPHABET INC CL C	COM	02079K107	134,217	130,082	SH	SOLE	1	130,082	0	0
ALTAGAS LTD	COM	021361951	137	7,389	SH	SOLE	1	7,389	0	0

ALTERYX INC CLASS A	COM	02156B103	513	15,015	SH	SOLE	1	15,015	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	185	6,977	SH	SOLE	1	6,977	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	842	18,328	SH	SOLE	1	18,328	0	0
ALTRIA GROUP INC	COM	02209S103	509,366	8,173,402	SH	SOLE	1	8,173,402	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	452	22,423	SH	SOLE	1	22,423	0	0
AMAZON.COM INC	COM	023135106	219,705	151,799	SH	SOLE	1	151,799	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	455	29,035	SH	SOLE	1	29,035	0	0
AMBARELLA INC	COM	G037AX101	1,017	20,752	SH	SOLE	1	20,752	0	0
AMBER ROAD INC	COM	02318Y108	114	12,821	SH	SOLE	1	12,821	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	479	34,071	SH	SOLE	1	34,071	0	0
AMC NETWORKS INC A	COM	00164V103	5,097	98,592	SH	SOLE	1	98,592	0	0
AMDOCS LTD	COM	G02602103	198	2,970	SH	SOLE	1	2,970	0	0
AMEDISYS INC	COM	023436108	1,099	18,218	SH	SOLE	1	18,218	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	196	5,222	SH	SOLE	1	5,222	0	0
AMERCO	COM	023586100	36	105	SH	SOLE	1	105	0	0
AMEREN CORPORATION	COM	023608102	4,715	83,267	SH	SOLE	1	83,267	0	0
AMERESCO INC CL A	COM	02361E108	155	11,942	SH	SOLE	1	11,942	0	0
AMERICA S CAR MART INC	COM	03062T105	222	4,406	SH	SOLE	1	4,406	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	9,935	191,197	SH	SOLE	1	191,197	0	0
American Airlines Group Inc.	COM	02376R102	611	11,757	SH	SOLE	2	11,757	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	863	25,824	SH	SOLE	1	25,824	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	961	63,140	SH	SOLE	1	63,140	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	10,545	273,057	SH	SOLE	1	273,057	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	8,714	437,213	SH	SOLE	1	437,213	0	0
AMERICAN ELECTRIC POWER	COM	025537101	10,874	158,543	SH	SOLE	1	158,543	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,625	55,349	SH	SOLE	1	55,349	0	0
AMERICAN EXPRESS CO	COM	025816109	27,537	295,213	SH	SOLE	1	295,213	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,487	138,007	SH	SOLE	1	138,007	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	101	5,020	SH	SOLE	1	5,020	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	15,764	289,678	SH	SOLE	1	289,678	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	18	155	SH	SOLE	1	155	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	355	34,365	SH	SOLE	1	34,365	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	435	10,108	SH	SOLE	1	10,108	0	0

AMERICAN RAILCAR INDUSTRIES	COM	02916P103	174	4,641	SH	SOLE	1	4,641	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	117	6,204	SH	SOLE	1	6,204	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	228	17,515	SH	SOLE	1	17,515	0	0
AMERICAN STATES WATER CO	COM	029899101	1,232	23,218	SH	SOLE	1	23,218	0	0
AMERICAN TOWER CORP	COM	03027X100	29,414	202,378	SH	SOLE	1	202,378	0	0
AMERICAN VANGUARD CORP	COM	030371108	371	18,359	SH	SOLE	1	18,359	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,084	74,073	SH	SOLE	1	74,073	0	0
AMERICAN WOODMARK CORP	COM	030506109	878	8,914	SH	SOLE	1	8,914	0	0
AMERICOLD REALTY TRUST	COM	03064D108	642	33,649	SH	SOLE	1	33,649	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	9,610	64,957	SH	SOLE	1	64,957	0	0
AMERIS BANCORP	COM	03076K108	1,228	23,220	SH	SOLE	1	23,220	0	0
AMERISAFE INC	COM	03071H100	675	12,220	SH	SOLE	1	12,220	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,828	56,005	SH	SOLE	1	56,005	0	0
AMES NATIONAL CORP	COM	031001100	151	5,475	SH	SOLE	1	5,475	0	0
AMETEK INC	COM	031100100	6,180	81,350	SH	SOLE	1	81,350	0	0
AMGEN INC	COM	031162100	57,658	338,212	SH	SOLE	1	338,212	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,792	119,167	SH	SOLE	1	119,167	0	0
AMKOR TECHNOLOGY INC	COM	031652100	660	65,148	SH	SOLE	1	65,148	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,712	30,161	SH	SOLE	1	30,161	0	0
AMPCO PITTSBURGH CORP	COM	032037103	49	5,560	SH	SOLE	1	5,560	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	435	23,199	SH	SOLE	1	23,199	0	0
AMPHENOL CORP CL A	COM	032095101	9,011	104,621	SH	SOLE	1	104,621	0	0
AMTRUST FINANCIAL SERVICES	COM	032359309	671	54,527	SH	SOLE	1	54,527	0	0
ANADARKO PETROLEUM CORP	COM	032511107	13,136	217,440	SH	SOLE	1	217,440	0	0
ANALOG DEVICES INC	COM	032654105	16,489	180,942	SH	SOLE	1	180,942	0	0
ANALOGIC CORP	COM	032657207	769	8,021	SH	SOLE	1	8,021	0	0
ANAPTYSBIO INC	COM	032724106	1,188	11,411	SH	SOLE	1	11,411	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	70	25,210	SH	SOLE	1	25,210	0	0
ANDEAVOR	COM	03349M105	4,913	48,853	SH	SOLE	1	48,853	0	0
ANDERSONS INC/THE	COM	034164103	571	17,252	SH	SOLE	1	17,252	0	0
ANGIODYNAMICS INC	COM	03475V101	403	23,352	SH	SOLE	1	23,352	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	299	5,129	SH	SOLE	1	5,129	0	0
ANIKA THERAPEUTICS INC	COM	035255108	457	9,190	SH	SOLE	1	9,190	0	0

ANIXTER INTERNATIONAL INC	COM	035290105	1,406	18,567	SH	SOLE	1	18,567	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	423	40,564	SH	SOLE	1	40,564	0	0
ANSYS INC	COM	03662Q105	5,108	32,601	SH	SOLE	1	32,601	0	0
ANTARES PHARMA INC	COM	036642106	202	91,853	SH	SOLE	1	91,853	0	0
ANTERO RESOURCES CORP	COM	03674X106	1,944	97,952	SH	SOLE	1	97,952	0	0
ANTHEM INC	COM	036752103	17,724	80,673	SH	SOLE	1	80,673	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	298	62,186	SH	SOLE	1	62,186	0	0
AON PLC	COM	G0408V102	11,898	84,786	SH	SOLE	1	84,786	0	0
APACHE CORP	COM	037411105	6,354	165,123	SH	SOLE	1	165,123	0	0
APARTMENT INVT & MGMT CO A	COM	03748R101	2,163	53,081	SH	SOLE	1	53,081	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	156	7,071	SH	SOLE	1	7,071	0	0
APOGEE ENTERPRISES INC	COM	037598109	775	17,873	SH	SOLE	1	17,873	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,236	68,759	SH	SOLE	1	68,759	0	0
APPFOLIO INC A	COM	03783C100	246	6,025	SH	SOLE	1	6,025	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	77	4,391	SH	SOLE	1	4,391	0	0
APPLE INC	COM	037833100	311,732	1,857,982	SH	SOLE	1	1,857,982	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,785	24,492	SH	SOLE	1	24,492	0	0
APPLIED MATERIALS INC	COM	038222105	25,387	456,521	SH	SOLE	1	456,521	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	300	11,976	SH	SOLE	1	11,976	0	0
APPROACH RESOURCES INC	COM	03834A103	72	27,507	SH	SOLE	1	27,507	0	0
APPTIO INC CLASS A	COM	03835C108	423	14,910	SH	SOLE	1	14,910	0	0
APTARGROUP INC	COM	038336103	11,163	124,264	SH	SOLE	1	124,264	0	0
APTIV PLC	COM	G6095L109	9,019	106,145	SH	SOLE	1	106,145	0	0
AQUA AMERICA INC	COM	03836W103	12,112	355,598	SH	SOLE	1	355,598	0	0
AQUA METALS INC	COM	03837J101	38	14,545	SH	SOLE	1	14,545	0	0
AQUANTIA CORP	COM	03842Q108	72	4,563	SH	SOLE	1	4,563	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	92	7,404	SH	SOLE	1	7,404	0	0
ARAMARK	COM	03852U106	209	5,281	SH	SOLE	1	5,281	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	117	26,462	SH	SOLE	1	26,462	0	0
ARC DOCUMENT SOLUTIONS INC	COM	00191G103	56	25,562	SH	SOLE	1	25,562	0	0
ARCBEST CORP	COM	03937C105	531	16,564	SH	SOLE	1	16,564	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	662	7,737	SH	SOLE	1	7,737	0	0
ARCH COAL INC A	COM	039380407	1,129	12,286	SH	SOLE	1	12,286	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	7,816	180,211	SH	SOLE	1	180,211	0	0

ARCHROCK INC	COM	03957W106	391	44,680	SH	SOLE	1	44,680	0	0
ARCONIC INC	COM	03965L100	4,929	213,948	SH	SOLE	1	213,948	0	0
ARDAGH GROUP SA	COM	L0223L101	8	407	SH	SOLE	1	407	0	0
ARDELYX INC	COM	039697107	108	21,350	SH	SOLE	1	21,350	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	157	20,625	SH	SOLE	1	20,625	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,212	30,671	SH	SOLE	1	30,671	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	212	17,127	SH	SOLE	1	17,127	0	0
ARGAN INC	COM	04010E109	399	9,293	SH	SOLE	1	9,293	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,203	20,966	SH	SOLE	1	20,966	0	0
ARISTA NETWORKS INC	COM	040413106	488	1,910	SH	SOLE	1	1,910	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	194	17,601	SH	SOLE	1	17,601	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	391	28,587	SH	SOLE	1	28,587	0	0
ARMO BIOSCIENCES INC	COM	04225U104	164	4,377	SH	SOLE	1	4,377	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	620	26,626	SH	SOLE	1	26,626	0	0
ARMSTRONG FLOORING INC	COM	04238R106	188	13,861	SH	SOLE	1	13,861	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	57	1,007	SH	SOLE	1	1,007	0	0
ARRAY BIOPHARMA INC	COM	04269X105	2,077	127,263	SH	SOLE	1	127,263	0	0
ARRIS INTERNATIONAL PLC	COM	G0551A103	9,257	348,402	SH	SOLE	1	348,402	0	0
ARROW ELECTRONICS INC	COM	042735100	13,514	175,457	SH	SOLE	1	175,457	0	0
ARROW FINANCIAL CORP	COM	042744102	257	7,573	SH	SOLE	1	7,573	0	0
ARSANIS INC	COM	042873109	68	2,971	SH	SOLE	1	2,971	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	183	5,020	SH	SOLE	1	5,020	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	4,210	61,258	SH	SOLE	1	61,258	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	973	29,223	SH	SOLE	1	29,223	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	801	11,861	SH	SOLE	1	11,861	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	222	110,325	SH	SOLE	1	110,325	0	0
ASCENT CAPITAL GROUP INC A	COM	043632108	26	7,040	SH	SOLE	1	7,040	0	0
ASHFORD HOSPITALITY PRIME IN	COM	044102101	165	16,955	SH	SOLE	1	16,955	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	318	49,158	SH	SOLE	1	49,158	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,688	124,484	SH	SOLE	1	124,484	0	0
ASML HOLDING NV NY REG SHS	COM	N07059210	832	4,190	SH	SOLE	1	4,190	0	0
ASPEN INSURANCE HOLDINGS LTD	COM	G05384105	5,338	119,013	SH	SOLE	1	119,013	0	0

ASPEN TECHNOLOGY INC	COM	045327103	3,690	46,772	SH	SOLE	1	46,772	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	511	10,404	SH	SOLE	1	10,404	0	0
ASSOCIATED BANC CORP	COM	045487105	8,478	341,171	SH	SOLE	1	341,171	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	93	2,494	SH	SOLE	1	2,494	0	0
ASSURANT INC	COM	04621X108	2,185	23,899	SH	SOLE	1	23,899	0	0
ASSURED GUARANTY LTD	COM	G0585R106	88	2,423	SH	SOLE	1	2,423	0	0
ASTEC INDUSTRIES INC	COM	046224101	752	13,621	SH	SOLE	1	13,621	0	0
ASTERIAS BIOTHERAPEUTICS	COM	04624N107	27	18,910	SH	SOLE	1	18,910	0	0
ASTRAZENECA PLC	COM	046353AQ1	1,932	2,000,000	SH	SOLE	1	2,000,000	0	0
ASTRONICS CORP	COM	046433108	499	13,366	SH	SOLE	1	13,366	0	0
AT HOME GROUP INC	COM	04650Y100	223	6,969	SH	SOLE	1	6,969	0	0
AT&T INC	COM	00206R102	549,650	15,417,945	SH	SOLE	1	15,417,945	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	820	21,033	SH	SOLE	1	21,033	0	0
ATHENAHEALTH INC	COM	04685W103	129	899	SH	SOLE	1	899	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	118	2,464	SH	SOLE	1	2,464	0	0
ATHENEX INC	COM	04685N103	83	4,884	SH	SOLE	1	4,884	0	0
ATHERSYS INC	COM	04744L106	119	65,277	SH	SOLE	1	65,277	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	421	21,195	SH	SOLE	1	21,195	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	242	13,347	SH	SOLE	1	13,347	0	0
ATLANTIC POWER CORP	COM	04878Q863	154	73,255	SH	SOLE	1	73,255	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	900	14,888	SH	SOLE	1	14,888	0	0
ATLAS FINANCIAL HOLDINGS INC	COM	G06207115	70	6,740	SH	SOLE	1	6,740	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	113	2,087	SH	SOLE	1	2,087	0	0
ATMOS ENERGY CORP	COM	049560105	19,078	226,474	SH	SOLE	1	226,474	0	0
ATN INTERNATIONAL INC	COM	00215F107	400	6,712	SH	SOLE	1	6,712	0	0
ATRICURE INC	COM	04963C209	421	20,524	SH	SOLE	1	20,524	0	0
ATRION CORPORATION	COM	049904105	564	893	SH	SOLE	1	893	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	386	12,829	SH	SOLE	1	12,829	0	0
AUTODESK INC	COM	052769106	11,937	95,053	SH	SOLE	1	95,053	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	24,192	213,186	SH	SOLE	1	213,186	0	0
AUTONATION INC	COM	05329W102	5,584	119,367	SH	SOLE	1	119,367	0	0
AUTOZONE INC	COM	053332102	6,000	9,250	SH	SOLE	1	9,250	0	0
AV HOMES INC	COM	00234P102	144	7,785	SH	SOLE	1	7,785	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	9,189	55,871	SH	SOLE	1	55,871	0	0

AVANGRID INC	COM	05351W103	61	1,187	SH	SOLE	1	1,187	0	0
AVERY DENNISON CORP	COM	053611109	3,494	32,889	SH	SOLE	1	32,889	0	0
AVEXIS INC	COM	05366U100	2,219	17,959	SH	SOLE	1	17,959	0	0
AVID TECHNOLOGY INC	COM	05367P100	97	21,367	SH	SOLE	1	21,367	0	0
AVIS BUDGET GROUP INC	COM	053774105	8,774	187,316	SH	SOLE	1	187,316	0	0
AVISTA CORP	COM	05379B107	2,110	41,171	SH	SOLE	1	41,171	0	0
AVNET INC	COM	053807103	10,021	239,962	SH	SOLE	1	239,962	0	0
AVX CORP	COM	002444107	488	29,472	SH	SOLE	1	29,472	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	307	10,159	SH	SOLE	1	10,159	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	482	19,591	SH	SOLE	1	19,591	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	293	5,089	SH	SOLE	1	5,089	0	0
AXOGEN INC	COM	05463X106	657	17,987	SH	SOLE	1	17,987	0	0
AXON ENTERPRISE INC	COM	05464C101	1,310	33,336	SH	SOLE	1	33,336	0	0
AXOVANT SCIENCES LTD	COM	G0750W104	28	20,731	SH	SOLE	1	20,731	0	0
AXT INC	COM	00246W103	172	23,791	SH	SOLE	1	23,791	0	0
AZZ INC	COM	002474104	726	16,602	SH	SOLE	1	16,602	0	0
B. RILEY FINANCIAL INC	COM	05580M108	259	13,270	SH	SOLE	1	13,270	0	0
B&G FOODS INC	COM	05508R106	996	42,030	SH	SOLE	1	42,030	0	0
BABCOCK & WILCOX ENTERPR	COM	05614L100	297	68,077	SH	SOLE	1	68,077	0	0
BADGER METER INC	COM	056525108	846	17,946	SH	SOLE	1	17,946	0	0
BAIDU INC SPON ADR	ADR	056752108	3,553	15,917	SH	SOLE	1	15,917	0	0
BAKER HUGHES A GE CO	COM	05722G100	4,968	178,882	SH	SOLE	1	178,882	0	0
BALCHEM CORP	COM	057665200	1,656	20,258	SH	SOLE	1	20,258	0	0
BALDWIN & LYONS INC CL B	COM	057755209	131	5,963	SH	SOLE	1	5,963	0	0
BALL CORP	COM	058498106	5,034	126,771	SH	SOLE	1	126,771	0	0
BANC OF CALIFORNIA INC	COM	05990K106	536	27,794	SH	SOLE	1	27,794	0	0
BANCFIRST CORP	COM	05945F103	570	10,742	SH	SOLE	1	10,742	0	0
BANCO LATINOAMERICANO COME E	COM	P16994132	553	19,388	SH	SOLE	1	19,388	0	0
BANCORP INC/THE	COM	05969A105	340	31,442	SH	SOLE	1	31,442	0	0
BANCORPSOUTH BANK	COM	05971J102	7,021	220,791	SH	SOLE	1	220,791	0	0
BANK OF AMERICA CORP	COM	060505104	94,864	3,163,172	SH	SOLE	1	3,163,172	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	115	9,900	SH	SOLE	1	9,900	0	0
BANK OF HAWAII CORP	COM	062540109	7,036	84,667	SH	SOLE	1	84,667	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	296	4,300	SH	SOLE	1	4,300	0	0
BANK OF MONTREAL	COM	063671952	574	7,598	SH	SOLE	1	7,598	0	0
BANK OF MONTREAL	COM	06367TYL8	1,962	2,000,000	SH	SOLE	1	2,000,000	0	0

BANK OF NEW YORK MELLON CORP	COM	064058100	26,683	517,823	SH	SOLE	1	517,823	0	0
BANK OF NT BUTTERFIELD & SON	COM	G0772R208	1,544	34,396	SH	SOLE	1	34,396	0	0
BANK OF THE OZARKS	COM	063904106	11,730	243,013	SH	SOLE	1	243,013	0	0
BANKFINANCIAL CORP	COM	06643P104	153	9,017	SH	SOLE	1	9,017	0	0
BANKUNITED INC	COM	06652K103	87	2,179	SH	SOLE	1	2,179	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	124	3,836	SH	SOLE	1	3,836	0	0
BANNER CORPORATION	COM	06652V208	1,153	20,780	SH	SOLE	1	20,780	0	0
BAR HARBOR BANKSHARES	COM	066849100	267	9,616	SH	SOLE	1	9,616	0	0
BARCLAYS PLC	COM	06738EAP0	1,008	1,000,000	SH	SOLE	1	1,000,000	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	170	24,692	SH	SOLE	1	24,692	0	0
BARNES & NOBLE INC	COM	067774109	188	38,033	SH	SOLE	1	38,033	0	0
BARNES GROUP INC	COM	067806109	1,925	32,141	SH	SOLE	1	32,141	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	375	4,523	SH	SOLE	1	4,523	0	0
BASIC ENERGY SERVICES INC	COM	06985P209	161	11,131	SH	SOLE	1	11,131	0	0
BASSETT FURNITURE INDS	COM	070203104	197	6,501	SH	SOLE	1	6,501	0	0
BAXTER INTERNATIONAL INC	COM	071813109	13,864	213,155	SH	SOLE	1	213,155	0	0
BB&T CORP	COM	054937107	20,192	388,003	SH	SOLE	1	388,003	0	0
BCB BANCORP INC	COM	055298103	126	8,064	SH	SOLE	1	8,064	0	0
BCE INC	COM	05534B950	1,952	45,367	SH	SOLE	1	45,367	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	2,314	43,599	SH	SOLE	1	43,599	0	0
BEAR STATE FINANCIAL INC	COM	073844102	136	13,262	SH	SOLE	1	13,262	0	0
BEASLEY BROADCAST GRP INC A	COM	074014101	35	3,121	SH	SOLE	1	3,121	0	0
BEAZER HOMES USA INC	COM	07556Q881	319	19,997	SH	SOLE	1	19,997	0	0
BECTON DICKINSON AND CO	COM	075887109	17,855	82,396	SH	SOLE	1	82,396	0	0
BED BATH & BEYOND INC	COM	075896100	5,978	284,789	SH	SOLE	1	284,789	0	0
BEL FUSE INC CL B	COM	077347300	116	6,149	SH	SOLE	1	6,149	0	0
BELDEN INC	COM	077454106	7,578	109,915	SH	SOLE	1	109,915	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	114	17,369	SH	SOLE	1	17,369	0	0
BELMOND LTD CLASS A	COM	G1154H107	638	57,216	SH	SOLE	1	57,216	0	0
BEMIS COMPANY	COM	081437105	7,920	181,986	SH	SOLE	1	181,986	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	954	31,974	SH	SOLE	1	31,974	0	0
BENEFICIAL BANCORP INC	COM	08171T102	676	43,463	SH	SOLE	1	43,463	0	0
BENEFITFOCUS INC	COM	08180D106	248	10,159	SH	SOLE	1	10,159	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	146,905	736,442	SH	SOLE	1	736,442	0	0

BERKSHIRE HILLS BANCORP INC	COM	084680107	969	25,544	SH	SOLE	1	25,544	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	164	2,993	SH	SOLE	1	2,993	0	0
BEST BUY CO INC	COM	086516101	8,083	115,493	SH	SOLE	1	115,493	0	0
BG STAFFING INC	COM	05544A109	84	4,425	SH	SOLE	1	4,425	0	0
BGC PARTNERS INC CL A	COM	05541T101	68	5,024	SH	SOLE	1	5,024	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	94	12,998	SH	SOLE	1	12,998	0	0
BIG LOTS INC	COM	089302103	4,808	110,460	SH	SOLE	1	110,460	0	0
BIGLARI HOLDINGS INC	COM	08986R101	265	650	SH	SOLE	1	650	0	0
BIO RAD LABORATORIES A	COM	090572207	10,117	40,456	SH	SOLE	1	40,456	0	0
BIO TECHNE CORP	COM	09073M104	11,332	75,028	SH	SOLE	1	75,028	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	299	62,634	SH	SOLE	1	62,634	0	0
BIOGEN INC	COM	09062X103	26,306	96,070	SH	SOLE	1	96,070	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	523	20,303	SH	SOLE	1	20,303	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,385	17,089	SH	SOLE	1	17,089	0	0
BIOSCRIP INC	COM	09069N108	183	74,254	SH	SOLE	1	74,254	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	160	3,612	SH	SOLE	1	3,612	0	0
BIOTELEMETRY INC	COM	090672106	631	20,314	SH	SOLE	1	20,314	0	0
BIOTIME INC	COM	09066L105	149	55,366	SH	SOLE	1	55,366	0	0
BJ S RESTAURANTS INC	COM	09180C106	578	12,879	SH	SOLE	1	12,879	0	0
BLACK HILLS CORP	COM	092113109	7,613	140,209	SH	SOLE	1	140,209	0	0
BLACK KNIGHT INC	COM	09215C105	135	2,876	SH	SOLE	1	2,876	0	0
BLACKBAUD INC	COM	09227Q100	12,794	125,670	SH	SOLE	1	125,670	0	0
BLACKHAWK NETWORK HOLDINGS I	COM	09238E104	1,563	34,973	SH	SOLE	1	34,973	0	0
BLACKLINE INC	COM	09239B109	710	18,104	SH	SOLE	1	18,104	0	0
BLACKROCK INC	COM	09247X101	28,239	52,128	SH	SOLE	1	52,128	0	0
BLOOMIN BRANDS INC	COM	094235108	1,407	57,933	SH	SOLE	1	57,933	0	0
BLUCORA INC	COM	095229100	697	28,327	SH	SOLE	1	28,327	0	0
BLUE BIRD CORP	COM	095306106	178	7,502	SH	SOLE	1	7,502	0	0
BLUE BUFFALO PET PRODUCTS IN	COM	09531U102	85	2,134	SH	SOLE	1	2,134	0	0
BLUE CAPITAL REINSURANCE HOL	COM	G1190F107	46	3,769	SH	SOLE	1	3,769	0	0
BLUE HILLS BANCORP INC	COM	095573101	318	15,234	SH	SOLE	1	15,234	0	0
BLUEBIRD BIO INC	COM	09609G100	5,342	31,285	SH	SOLE	1	31,285	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	102	4,826	SH	SOLE	1	4,826	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,493	27,189	SH	SOLE	1	27,189	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	125	14,683	SH	SOLE	1	14,683	0	0

BMC STOCK HOLDINGS INC	COM	05591B109	818	41,864	SH	SOLE	1	41,864	0	0
BOEING CO/THE	COM	097023105	70,625	215,400	SH	SOLE	1	215,400	0	0
BOFI HOLDING INC	COM	05566U108	1,532	37,807	SH	SOLE	1	37,807	0	0
BOINGO WIRELESS INC	COM	09739C102	602	24,322	SH	SOLE	1	24,322	0	0
BOISE CASCADE CO	COM	09739D100	955	24,736	SH	SOLE	1	24,736	0	0
BOJANGLES INC	COM	097488100	155	11,207	SH	SOLE	1	11,207	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	52	522	SH	SOLE	1	522	0	0
BONANZA CREEK ENERGY INC	COM	097793400	360	12,992	SH	SOLE	1	12,992	0	0
BOOKING HOLDINGS INC	COM	09857L108	42,804	20,575	SH	SOLE	1	20,575	0	0
BOOT BARN HOLDINGS INC	COM	099406100	223	12,555	SH	SOLE	1	12,555	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	125	3,226	SH	SOLE	1	3,226	0	0
BORGWARNER INC	COM	099724106	4,965	98,855	SH	SOLE	1	98,855	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,305	22,773	SH	SOLE	1	22,773	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	802	53,314	SH	SOLE	1	53,314	0	0
BOSTON PROPERTIES INC	COM	101121101	7,127	57,839	SH	SOLE	1	57,839	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	11,625	425,507	SH	SOLE	1	425,507	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	986	25,442	SH	SOLE	1	25,442	0	0
BOX INC CLASS A	COM	10316T104	1,064	51,756	SH	SOLE	1	51,756	0	0
BOYD GAMING CORP	COM	103304101	6,873	215,721	SH	SOLE	1	215,721	0	0
BP PLC	COM	079805909	16,130	2,395,538	SH	SOLE	1	2,395,538	0	0
BRADY CORPORATION CL A	COM	104674106	2,149	57,844	SH	SOLE	1	57,844	0	0
BRANDYWINE REALTY TRUST	COM	105368203	57	3,612	SH	SOLE	1	3,612	0	0
BRIDGE BANCORP INC	COM	108035106	404	12,055	SH	SOLE	1	12,055	0	0
BRIDGEPOINT EDUCATION INC	COM	10807M105	113	16,778	SH	SOLE	1	16,778	0	0
BRIGGS & STRATTON	COM	109043109	571	26,687	SH	SOLE	1	26,687	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	122	1,224	SH	SOLE	1	1,224	0	0
BRIGHTCOVE	COM	10921T101	153	21,982	SH	SOLE	1	21,982	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	1,587	30,876	SH	SOLE	1	30,876	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	G1644T109	759	48,187	SH	SOLE	1	48,187	0	0
BRINK S CO/THE	COM	109696104	9,236	129,445	SH	SOLE	1	129,445	0	0
BRINKER INTERNATIONAL INC	COM	109641100	4,387	121,518	SH	SOLE	1	121,518	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	34,442	544,544	SH	SOLE	1	544,544	0	0
BRISTOW GROUP INC	COM	110394103	269	20,695	SH	SOLE	1	20,695	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	300	19,644	SH	SOLE	1	19,644	0	0

BROADCOM LTD	COM	Y09827109	40,747	172,913	SH	SOLE	1	172,913	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	25,932	236,408	SH	SOLE	1	236,408	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	26	3,851	SH	SOLE	1	3,851	0	0
BROOKFIELD ASSET MANAGE CL A	COM	112585955	554	14,200	SH	SOLE	1	14,200	0	0
BROOKLINE BANCORP INC	COM	11373M107	778	48,011	SH	SOLE	1	48,011	0	0
BROOKS AUTOMATION INC	COM	114340102	1,204	44,473	SH	SOLE	1	44,473	0	0
BROWN & BROWN INC	COM	115236101	11,643	457,668	SH	SOLE	1	457,668	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	65	1,223	SH	SOLE	1	1,223	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,753	87,366	SH	SOLE	1	87,366	0	0
BRUKER CORP	COM	116794108	66	2,204	SH	SOLE	1	2,204	0	0
BRUNSWICK CORP	COM	117043109	10,410	175,289	SH	SOLE	1	175,289	0	0
BRYN MAWR BANK CORP	COM	117665109	534	12,156	SH	SOLE	1	12,156	0	0
BSB BANCORP INC/MA	COM	05573H108	163	5,341	SH	SOLE	1	5,341	0	0
BUCKLE INC/THE	COM	118440106	407	18,392	SH	SOLE	1	18,392	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	80	8,698	SH	SOLE	1	8,698	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,400	70,577	SH	SOLE	1	70,577	0	0
BUNGE LTD	COM	G16962105	217	2,938	SH	SOLE	1	2,938	0	0
BURLINGTON STORES INC	COM	122017106	197	1,478	SH	SOLE	1	1,478	0	0
BWX TECHNOLOGIES INC	COM	05605H100	136	2,143	SH	SOLE	1	2,143	0	0
BYLINE BANCORP INC	COM	124411109	246	10,737	SH	SOLE	1	10,737	0	0
C & F FINANCIAL CORP	COM	12466Q104	110	2,089	SH	SOLE	1	2,089	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	4,904	52,336	SH	SOLE	1	52,336	0	0
C&J ENERGY SERVICES INC	COM	12674R100	830	32,131	SH	SOLE	1	32,131	0	0
CA INC	COM	12673P105	18,380	542,194	SH	SOLE	1	542,194	0	0
CABLE ONE INC	COM	12685J105	6,454	9,393	SH	SOLE	1	9,393	0	0
CABOT CORP	COM	127055101	6,888	123,618	SH	SOLE	1	123,618	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	1,729	16,141	SH	SOLE	1	16,141	0	0
CABOT OIL & GAS CORP	COM	127097103	4,359	181,795	SH	SOLE	1	181,795	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	2,363	15,615	SH	SOLE	1	15,615	0	0
CACTUS INC A	COM	127203107	400	14,856	SH	SOLE	1	14,856	0	0
CADENCE BANCORP	COM	12739A100	506	18,570	SH	SOLE	1	18,570	0	0
CADENCE DESIGN SYS INC	COM	127387108	4,042	109,916	SH	SOLE	1	109,916	0	0
CADIZ INC	COM	127537207	185	13,686	SH	SOLE	1	13,686	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	982	87,298	SH	SOLE	1	87,298	0	0

CAESARSTONE LTD	COM	M20598104	285	14,499	SH	SOLE	1	14,499	0	0
CAI INTERNATIONAL INC	COM	12477X106	223	10,468	SH	SOLE	1	10,468	0	0
CAL MAINE FOODS INC	COM	128030202	803	18,375	SH	SOLE	1	18,375	0	0
CALAMP CORP	COM	128126109	506	22,115	SH	SOLE	1	22,115	0	0
CALAVO GROWERS INC	COM	128246105	945	10,250	SH	SOLE	1	10,250	0	0
CALERES INC	COM	129500104	904	26,909	SH	SOLE	1	26,909	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	467	27,259	SH	SOLE	1	27,259	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,144	30,716	SH	SOLE	1	30,716	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	123	19,579	SH	SOLE	1	19,579	0	0
CALIX INC	COM	13100M509	190	27,743	SH	SOLE	1	27,743	0	0
CALLAWAY GOLF COMPANY	COM	131193104	978	59,802	SH	SOLE	1	59,802	0	0
CALLIDUS SOFTWARE INC	COM	13123E500	1,556	43,289	SH	SOLE	1	43,289	0	0
CALLON PETROLEUM CO	COM	13123X102	6,997	528,463	SH	SOLE	1	528,463	0	0
CALYXT INC	COM	13173L107	40	3,050	SH	SOLE	1	3,050	0	0
CAMBIUM LEARNING GROUP INC	COM	13201A107	99	8,838	SH	SOLE	1	8,838	0	0
CAMBREX CORP	COM	132011107	1,086	20,768	SH	SOLE	1	20,768	0	0
CAMDEN NATIONAL CORP	COM	133034108	435	9,785	SH	SOLE	1	9,785	0	0
CAMDEN PROPERTY TRUST	COM	133131102	15,602	185,343	SH	SOLE	1	185,343	0	0
CAMPBELL SOUP CO	COM	134429109	16,477	380,449	SH	SOLE	1	380,449	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	655	20,303	SH	SOLE	1	20,303	0	0
CANNAE HOLDINGS INC	COM	13765N107	745	39,525	SH	SOLE	1	39,525	0	0
CANTEL MEDICAL CORP	COM	138098108	10,427	93,591	SH	SOLE	1	93,591	0	0
CAPELLA EDUCATION CO	COM	139594105	643	7,356	SH	SOLE	1	7,356	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	175	7,066	SH	SOLE	1	7,066	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	21,305	222,344	SH	SOLE	1	222,344	0	0
CAPITAL SENIOR LIVING CORP	COM	140475104	169	15,698	SH	SOLE	1	15,698	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,015	82,154	SH	SOLE	1	82,154	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	107	5,683	SH	SOLE	1	5,683	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	528	60,998	SH	SOLE	1	60,998	0	0
CARA THERAPEUTICS INC	COM	140755109	211	17,081	SH	SOLE	1	17,081	0	0
CARBO CERAMICS INC	COM	140781105	106	14,678	SH	SOLE	1	14,678	0	0
CARBONITE INC	COM	141337105	463	16,060	SH	SOLE	1	16,060	0	0
CARDINAL HEALTH INC	COM	14149Y108	495,527	7,905,663	SH	SOLE	1	7,905,663	0	0

CARDIOVASCULAR SYSTEMS INC	COM	141619106	456	20,800	SH	SOLE	1	20,800	0	0
CARDLYTICS INC	COM	14161W105	51	3,488	SH	SOLE	1	3,488	0	0
CARDTRONICS PLC A	COM	G1991C105	650	29,148	SH	SOLE	1	29,148	0	0
CARE.COM INC	COM	141633107	143	8,780	SH	SOLE	1	8,780	0	0
CAREER EDUCATION CORP	COM	141665109	568	43,250	SH	SOLE	1	43,250	0	0
CARETRUST REIT INC	COM	14174T107	646	48,221	SH	SOLE	1	48,221	0	0
CARLISLE COS INC	COM	142339100	12,904	123,591	SH	SOLE	1	123,591	0	0
CARMAX INC	COM	143130102	4,234	68,351	SH	SOLE	1	68,351	0	0
CARNIVAL CORP	COM	143658300	8,426	128,488	SH	SOLE	1	128,488	0	0
CAROLINA FINANCIAL CORP	COM	143873107	475	12,102	SH	SOLE	1	12,102	0	0
CARPENTER TECHNOLOGY	COM	144285103	5,406	122,527	SH	SOLE	1	122,527	0	0
CARRIAGE SERVICES INC	COM	143905107	262	9,469	SH	SOLE	1	9,469	0	0
CARRIZO OIL & GAS INC	COM	144577103	792	49,469	SH	SOLE	1	49,469	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	247	22,062	SH	SOLE	1	22,062	0	0
CARS.COM INC	COM	14575E105	5,318	187,725	SH	SOLE	1	187,725	0	0
CARTER S INC	COM	146229109	9,863	94,743	SH	SOLE	1	94,743	0	0
CARVANA CO	COM	146869102	209	9,127	SH	SOLE	1	9,127	0	0
CASA SYSTEMS INC	COM	14713L102	131	4,457	SH	SOLE	1	4,457	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	585	25,013	SH	SOLE	1	25,013	0	0
CASEY S GENERAL STORES INC	COM	147528103	8,245	75,108	SH	SOLE	1	75,108	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	456	7,657	SH	SOLE	1	7,657	0	0
CASTLE BRANDS INC	COM	148435100	71	57,278	SH	SOLE	1	57,278	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	149	40,906	SH	SOLE	1	40,906	0	0
CATALENT INC	COM	148806102	14,349	349,456	SH	SOLE	1	349,456	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	134	55,935	SH	SOLE	1	55,935	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	345	27,698	SH	SOLE	1	27,698	0	0
CATERPILLAR INC	COM	149123101	35,492	240,818	SH	SOLE	1	240,818	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,983	199,687	SH	SOLE	1	199,687	0	0
CATO CORP CLASS A	COM	149205106	215	14,559	SH	SOLE	1	14,559	0	0
CAVCO INDUSTRIES INC	COM	149568107	949	5,463	SH	SOLE	1	5,463	0	0
CAVIUM INC	COM	14964U108	122	1,531	SH	SOLE	1	1,531	0	0
CBIZ INC	COM	124805102	597	32,697	SH	SOLE	1	32,697	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	450	107,807	SH	SOLE	1	107,807	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,271	37,431	SH	SOLE	1	37,431	0	0
CBRE GROUP INC A	COM	12504L109	6,055	128,237	SH	SOLE	1	128,237	0	0

CBS CORP CLASS B NON VOTING	COM	124857202	7,003	136,281	SH	SOLE	1	136,281	0	0
CBTX INC	COM	12481V104	52	1,783	SH	SOLE	1	1,783	0	0
CDK GLOBAL INC	COM	12508E101	16,040	253,233	SH	SOLE	1	253,233	0	0
CDW CORP/DE	COM	12514G108	556	7,905	SH	SOLE	1	7,905	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	85	19,087	SH	SOLE	1	19,087	0	0
CEDAR REALTY TRUST INC	COM	150602209	222	56,382	SH	SOLE	1	56,382	0	0
CELANESE CORP SERIES A	COM	150870103	825	8,235	SH	SOLE	1	8,235	0	0
CELCUITY INC	COM	15102K100	29	1,783	SH	SOLE	1	1,783	0	0
CELGENE CORP	COM	151020104	29,491	330,579	SH	SOLE	1	330,579	0	0
CELLDEX THERAPEUTICS INC	COM	15117B103	196	84,091	SH	SOLE	1	84,091	0	0
CENTENE CORP	COM	15135B101	7,001	65,507	SH	SOLE	1	65,507	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	60	3,291	SH	SOLE	1	3,291	0	0
CENTERPOINT ENERGY INC	COM	15189T107	7,051	257,326	SH	SOLE	1	257,326	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,026	38,676	SH	SOLE	1	38,676	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	221	52,705	SH	SOLE	1	52,705	0	0
CENTRAL GARDEN & PET CO	COM	153527106	290	6,752	SH	SOLE	1	6,752	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	894	22,563	SH	SOLE	1	22,563	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	532	18,678	SH	SOLE	1	18,678	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	124	6,333	SH	SOLE	1	6,333	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	527	31,877	SH	SOLE	1	31,877	0	0
CENTURY BANCORP INC CL A	COM	156432106	148	1,870	SH	SOLE	1	1,870	0	0
CENTURY CASINOS INC	COM	156492100	121	16,213	SH	SOLE	1	16,213	0	0
CENTURY COMMUNITIES INC	COM	156504300	391	13,060	SH	SOLE	1	13,060	0	0
CENTURYLINK INC	COM	156700106	7,579	461,266	SH	SOLE	1	461,266	0	0
CERNER CORP	COM	156782104	8,655	149,230	SH	SOLE	1	149,230	0	0
CERUS CORP	COM	157085101	445	81,287	SH	SOLE	1	81,287	0	0
CEVA INC	COM	157210105	506	13,974	SH	SOLE	1	13,974	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,671	97,296	SH	SOLE	1	97,296	0	0
CHANNELADVISOR CORP	COM	159179100	149	16,369	SH	SOLE	1	16,369	0	0
CHARLES RIVER LABORATORIES	COM	159864107	10,137	94,966	SH	SOLE	1	94,966	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,157	19,601	SH	SOLE	1	19,601	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	22,127	71,098	SH	SOLE	1	71,098	0	0
CHARTER FINANCIAL CORP	COM	16122W108	160	7,870	SH	SOLE	1	7,870	0	0

CHASE CORP	COM	16150R104	532	4,570	SH	SOLE	1	4,570	0	0
CHATHAM LODGING TRUST	COM	16208T102	547	28,560	SH	SOLE	1	28,560	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,731	27,496	SH	SOLE	1	27,496	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	5,396	111,907	SH	SOLE	1	111,907	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	311	13,540	SH	SOLE	1	13,540	0	0
CHEGG INC	COM	163092109	1,283	62,099	SH	SOLE	1	62,099	0	0
CHEMED CORP	COM	16359R103	2,745	10,060	SH	SOLE	1	10,060	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	10,197	186,480	SH	SOLE	1	186,480	0	0
CHEMOCENTRYX INC	COM	16383L106	215	15,795	SH	SOLE	1	15,795	0	0
CHEMOURS CO/THE	COM	163851108	18,060	370,763	SH	SOLE	1	370,763	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	95	2,040	SH	SOLE	1	2,040	0	0
CHENIERE ENERGY INC	COM	16411R208	464	8,685	SH	SOLE	1	8,685	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	132	7,500	SH	SOLE	1	7,500	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	5,493	1,818,990	SH	SOLE	1	1,818,990	0	0
CHESAPEAKE LODGING TRUST	COM	165240102	1,052	37,832	SH	SOLE	1	37,832	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	711	10,112	SH	SOLE	1	10,112	0	0
CHEVRON CORP	COM	166764100	552,260	4,842,685	SH	SOLE	1	4,842,685	0	0
CHICAGO BRIDGE & IRON CO NV	COM	167250109	928	64,443	SH	SOLE	1	64,443	0	0
CHICO S FAS INC	COM	168615102	734	81,177	SH	SOLE	1	81,177	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,492	11,032	SH	SOLE	1	11,032	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	68	3,922	SH	SOLE	1	3,922	0	0
CHIMERIX INC	COM	16934W106	156	30,092	SH	SOLE	1	30,092	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	3,058	9,465	SH	SOLE	1	9,465	0	0
CHOICE HOTELS INTL INC	COM	169905106	61	763	SH	SOLE	1	763	0	0
CHUBB LTD	COM	H1467J104	29,647	216,765	SH	SOLE	1	216,765	0	0
CHURCH & DWIGHT CO INC	COM	171340102	4,459	88,539	SH	SOLE	1	88,539	0	0
CHURCHILL DOWNS INC	COM	171484108	7,585	31,080	SH	SOLE	1	31,080	0	0
CHUY S HOLDINGS INC	COM	171604101	278	10,606	SH	SOLE	1	10,606	0	0
CIENA CORP	COM	171779309	9,775	377,430	SH	SOLE	1	377,430	0	0
CIGNA CORP	COM	125509109	12,608	75,165	SH	SOLE	1	75,165	0	0
CIMAREX ENERGY CO	COM	171798101	5,401	57,760	SH	SOLE	1	57,760	0	0
CIMPRESS NV	COM	N20146101	2,433	15,726	SH	SOLE	1	15,726	0	0
CINCINNATI BELL INC	COM	171871502	372	26,847	SH	SOLE	1	26,847	0	0

CINCINNATI FINANCIAL CORP	COM	172062101	4,747	63,922	SH	SOLE	1	63,922	0	0
CINEMARK HOLDINGS INC	COM	17243V102	8,691	230,724	SH	SOLE	1	230,724	0	0
CINTAS CORP	COM	172908105	8,309	48,712	SH	SOLE	1	48,712	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	451	10,561	SH	SOLE	1	10,561	0	0
CIRRUS LOGIC INC	COM	172755100	6,750	166,136	SH	SOLE	1	166,136	0	0
CISCO SYSTEMS INC	COM	17275R102	706,433	16,470,812	SH	SOLE	1	16,470,812	0	0
CIT GROUP INC	COM	125581801	441	8,562	SH	SOLE	1	8,562	0	0
CITI TRENDS INC	COM	17306X102	263	8,508	SH	SOLE	1	8,508	0	0
CITIGROUP INC	COM	172967424	55,902	828,171	SH	SOLE	1	828,171	0	0
CITIZENS & NORTHERN CORP	COM	172922106	174	7,516	SH	SOLE	1	7,516	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	8,522	202,996	SH	SOLE	1	202,996	0	0
CITIZENS INC	COM	174740100	218	29,787	SH	SOLE	1	29,787	0	0
CITRIX SYSTEMS INC	COM	177376100	5,494	59,204	SH	SOLE	1	59,204	0	0
CITY HOLDING CO	COM	177835105	665	9,699	SH	SOLE	1	9,699	0	0
CITY OFFICE REIT INC	COM	178587101	260	22,495	SH	SOLE	1	22,495	0	0
CIVISTA BANCSHARES INC	COM	178867107	145	6,342	SH	SOLE	1	6,342	0	0
CIVITAS SOLUTIONS INC	COM	17887R102	158	10,274	SH	SOLE	1	10,274	0	0
CLARUS CORP	COM	18270P109	89	13,134	SH	SOLE	1	13,134	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	144	87,274	SH	SOLE	1	87,274	0	0
CLEAN HARBORS INC	COM	184496107	5,025	102,960	SH	SOLE	1	102,960	0	0
CLEAR CHANNEL OUTDOOR CL A	COM	18451C109	115	23,548	SH	SOLE	1	23,548	0	0
CLEARFIELD INC	COM	18482P103	95	7,355	SH	SOLE	1	7,355	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	142	13,217	SH	SOLE	1	13,217	0	0
CLEARWATER PAPER CORP	COM	18538R103	405	10,355	SH	SOLE	1	10,355	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,324	190,566	SH	SOLE	1	190,566	0	0
CLIFTON BANCORP INC	COM	186873105	196	12,549	SH	SOLE	1	12,549	0	0
CLIPPER REALTY INC	COM	18885T306	85	10,070	SH	SOLE	1	10,070	0	0
CLOROX COMPANY	COM	189054109	18,717	140,613	SH	SOLE	1	140,613	0	0
CLOUD PEAK ENERGY INC	COM	18911Q102	138	47,280	SH	SOLE	1	47,280	0	0
CLOUDERA INC	COM	18914U100	1,365	63,244	SH	SOLE	1	63,244	0	0
CLOVIS ONCOLOGY INC	COM	189464100	1,483	28,090	SH	SOLE	1	28,090	0	0
CME GROUP INC	COM	12572Q105	22,706	140,384	SH	SOLE	1	140,384	0	0
CMS ENERGY CORP	COM	125896100	7,320	161,619	SH	SOLE	1	161,619	0	0
CNA FINANCIAL CORP	COM	126117100	2,429	49,212	SH	SOLE	1	49,212	0	0
CNB FINANCIAL CORP/PA	COM	126128107	275	9,441	SH	SOLE	1	9,441	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	9,469	436,960	SH	SOLE	1	436,960	0	0

CNX RESOURCES CORP	COM	12653C108	6,223	403,289	SH	SOLE	1	403,289	0	0
COBIZ FINANCIAL INC	COM	190897108	483	24,618	SH	SOLE	1	24,618	0	0
COCA COLA BOTTLING CO CONSOL	COM	191098102	519	3,008	SH	SOLE	1	3,008	0	0
COCA COLA CO/THE	COM	191216100	517,723	11,920,863	SH	SOLE	1	11,920,863	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,089	26,131	SH	SOLE	1	26,131	0	0
CODEXIS INC	COM	192005106	287	26,073	SH	SOLE	1	26,073	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	153	5,455	SH	SOLE	1	5,455	0	0
COEUR MINING INC	COM	192108504	948	118,492	SH	SOLE	1	118,492	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,166	26,871	SH	SOLE	1	26,871	0	0
COGINT INC	COM	19241Q101	36	14,209	SH	SOLE	1	14,209	0	0
COGNEX CORP	COM	192422103	18,295	351,891	SH	SOLE	1	351,891	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	19,851	246,595	SH	SOLE	1	246,595	0	0
COHEN & STEERS INC	COM	19247A100	555	13,646	SH	SOLE	1	13,646	0	0
COHERENT INC	COM	192479103	9,311	49,687	SH	SOLE	1	49,687	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	280	25,321	SH	SOLE	1	25,321	0	0
COHU INC	COM	192576106	406	17,780	SH	SOLE	1	17,780	0	0
COLFAX CORP	COM	194014106	59	1,850	SH	SOLE	1	1,850	0	0
COLGATE PALMOLIVE CO	COM	194162103	27,515	383,853	SH	SOLE	1	383,853	0	0
COLLECTORS UNIVERSE	COM	19421R200	76	4,839	SH	SOLE	1	4,839	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	409	16,017	SH	SOLE	1	16,017	0	0
COLONY NORTHSTAR INC CLASS A	COM	19625W104	63	11,267	SH	SOLE	1	11,267	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,935	46,124	SH	SOLE	1	46,124	0	0
COLUMBIA PROPERTY TRUST INC	COM	198287203	51	2,507	SH	SOLE	1	2,507	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	1,427	18,666	SH	SOLE	1	18,666	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	505	14,083	SH	SOLE	1	14,083	0	0
COMCAST CORP CLASS A	COM	20030N101	69,475	2,033,212	SH	SOLE	1	2,033,212	0	0
COMERICA INC	COM	200340107	7,286	75,953	SH	SOLE	1	75,953	0	0
COMFORT SYSTEMS USA INC	COM	199908104	972	23,561	SH	SOLE	1	23,561	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,255	187,867	SH	SOLE	1	187,867	0	0
COMMERCEHUB INC SERIES A	COM	20084V108	198	8,778	SH	SOLE	1	8,778	0	0
COMMERCEHUB INC SERIES C	COM	20084V306	418	18,587	SH	SOLE	1	18,587	0	0
COMMERCIAL METALS CO	COM	201723103	6,236	304,813	SH	SOLE	1	304,813	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	125	16,090	SH	SOLE	1	16,090	0	0

COMMSCOPE HOLDING CO INC	COM	20337X109	165	4,135	SH	SOLE	1	4,135	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,682	31,398	SH	SOLE	1	31,398	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	123	13,721	SH	SOLE	1	13,721	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	94	2,529	SH	SOLE	1	2,529	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	241	60,834	SH	SOLE	1	60,834	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	283	10,997	SH	SOLE	1	10,997	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	445	9,845	SH	SOLE	1	9,845	0	0
COMMVAULT SYSTEMS INC	COM	204166102	6,152	107,556	SH	SOLE	1	107,556	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	5,346	88,649	SH	SOLE	1	88,649	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	212	7,266	SH	SOLE	1	7,266	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,055	SH	SOLE	1	1,055	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	439	14,679	SH	SOLE	1	14,679	0	0
CONAGRA BRANDS INC	COM	205887102	5,056	137,105	SH	SOLE	1	137,105	0	0
CONATUS PHARMACEUTICALS INC	COM	20600T108	99	16,804	SH	SOLE	1	16,804	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	262	11,455	SH	SOLE	1	11,455	0	0
CONCHO RESOURCES INC	COM	20605P101	8,352	55,559	SH	SOLE	1	55,559	0	0
CONDUENT INC	COM	206787103	74	3,968	SH	SOLE	1	3,968	0	0
CONFORMIS INC	COM	20717E101	52	35,556	SH	SOLE	1	35,556	0	0
CONMED CORP	COM	207410101	1,112	17,552	SH	SOLE	1	17,552	0	0
CONN S INC	COM	208242107	409	12,027	SH	SOLE	1	12,027	0	0
CONNECTICUT WATER SVC INC	COM	207797101	460	7,594	SH	SOLE	1	7,594	0	0
CONNECTONE BANCORP INC	COM	20786W107	556	19,311	SH	SOLE	1	19,311	0	0
CONOCOPHILLIPS	COM	20825C104	22,441	378,492	SH	SOLE	1	378,492	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	156	2,484	SH	SOLE	1	2,484	0	0
CONSOL ENERGY INC	COM	20854L108	17	580	SH	SOLE	1	580	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	458	41,800	SH	SOLE	1	41,800	0	0
CONSOLIDATED EDISON INC	COM	209115104	8,304	106,541	SH	SOLE	1	106,541	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	136	9,339	SH	SOLE	1	9,339	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	12,089	53,039	SH	SOLE	1	53,039	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	56	10,237	SH	SOLE	1	10,237	0	0
CONTANGO OIL & GAS	COM	21075N204	54	15,091	SH	SOLE	1	15,091	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	694	24,296	SH	SOLE	1	24,296	0	0

CONTINENTAL RESOURCES INC/OK	COM	212015101	452	7,666	SH	SOLE	1	7,666	0	0
CONTROL4 CORP	COM	21240D107	356	16,562	SH	SOLE	1	16,562	0	0
CONVERGYS CORP	COM	212485106	5,437	240,365	SH	SOLE	1	240,365	0	0
COOPER COS INC/THE	COM	216648402	3,959	17,302	SH	SOLE	1	17,302	0	0
COOPER STANDARD HOLDING	COM	21676P103	1,353	11,013	SH	SOLE	1	11,013	0	0
COOPER TIRE & RUBBER	COM	216831107	3,910	133,459	SH	SOLE	1	133,459	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	84	655	SH	SOLE	1	655	0	0
COPART INC	COM	217204106	20,580	404,088	SH	SOLE	1	404,088	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	192	31,396	SH	SOLE	1	31,396	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	958	58,267	SH	SOLE	1	58,267	0	0
CORE LABORATORIES N.V.	COM	N22717107	9,450	87,320	SH	SOLE	1	87,320	0	0
CORE MARK HOLDING CO INC	COM	218681104	620	29,165	SH	SOLE	1	29,165	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	84	4,694	SH	SOLE	1	4,694	0	0
CORECIVIC INC	COM	21871N101	4,616	236,462	SH	SOLE	1	236,462	0	0
CORELOGIC INC	COM	21871D103	7,378	163,111	SH	SOLE	1	163,111	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	285	7,605	SH	SOLE	1	7,605	0	0
CORESITE REALTY CORP	COM	21870Q105	6,874	68,562	SH	SOLE	1	68,562	0	0
CORINDUS VASCULAR ROBOTICS I	COM	218730109	89	65,162	SH	SOLE	1	65,162	0	0
CORIUM INTERNATIONAL INC	COM	21887L107	149	13,006	SH	SOLE	1	13,006	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,327	33,930	SH	SOLE	1	33,930	0	0
CORNING INC	COM	219350105	9,858	353,597	SH	SOLE	1	353,597	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,233	202,585	SH	SOLE	1	202,585	0	0
CORVEL CORP	COM	221006109	300	5,936	SH	SOLE	1	5,936	0	0
CORVUS PHARMACEUTICALS INC	COM	221015100	62	5,387	SH	SOLE	1	5,387	0	0
COSTAMARE INC	COM	Y1771G102	203	32,482	SH	SOLE	1	32,482	0	0
COSTAR GROUP INC	COM	22160N109	628	1,732	SH	SOLE	1	1,732	0	0
COSTCO WHOLESALE CORP	COM	22160K105	31,353	166,392	SH	SOLE	1	166,392	0	0
COTIVITI HOLDINGS INC	COM	22164K101	808	23,470	SH	SOLE	1	23,470	0	0
COTY INC CL A	COM	222070203	2,964	161,940	SH	SOLE	1	161,940	0	0
COUNTY BANCORP INC	COM	221907108	87	2,993	SH	SOLE	1	2,993	0	0
COUPA SOFTWARE INC	COM	22266L106	942	20,654	SH	SOLE	1	20,654	0	0
COUSINS PROPERTIES INC	COM	222795106	9,538	1,098,813	SH	SOLE	1	1,098,813	0	0
COVANTA HOLDING CORP	COM	22282E102	1,087	74,951	SH	SOLE	1	74,951	0	0

COVENANT TRANSPORT GRP CL A	COM	22284P105	227	7,594	SH	SOLE	1	7,594	0	0
COWEN INC	COM	223622606	219	16,566	SH	SOLE	1	16,566	0	0
CPI CARD GROUP INC	COM	12634H200	8	2,613	SH	SOLE	1	2,613	0	0
CRA INTERNATIONAL INC	COM	12618T105	264	5,046	SH	SOLE	1	5,046	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,522	59,814	SH	SOLE	1	59,814	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	151	8,110	SH	SOLE	1	8,110	0	0
CRANE CO	COM	224399105	11,053	119,180	SH	SOLE	1	119,180	0	0
CRAWFORD & CO CL B	COM	224633107	63	7,644	SH	SOLE	1	7,644	0	0
CRAY INC	COM	225223304	531	25,641	SH	SOLE	1	25,641	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	84	254	SH	SOLE	1	254	0	0
CREE INC	COM	225447101	10,349	256,730	SH	SOLE	1	256,730	0	0
CROCS INC	COM	227046109	723	44,499	SH	SOLE	1	44,499	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	252	22,638	SH	SOLE	1	22,638	0	0
CROWN CASTLE INTL CORP	COM	22822V101	19,817	180,793	SH	SOLE	1	180,793	0	0
CROWN HOLDINGS INC	COM	228368106	146	2,882	SH	SOLE	1	2,882	0	0
CRYOLIFE INC	COM	228903100	412	20,536	SH	SOLE	1	20,536	0	0
CSG SYSTEMS INTL INC	COM	126349109	966	21,327	SH	SOLE	1	21,327	0	0
CSRA INC	COM	12650T104	2,330	56,516	SH	SOLE	1	56,516	0	0
CSS INDUSTRIES INC	COM	125906107	100	5,703	SH	SOLE	1	5,703	0	0
CSW INDUSTRIALS INC	COM	126402106	417	9,261	SH	SOLE	1	9,261	0	0
CSX CORP	COM	126408103	21,775	390,868	SH	SOLE	1	390,868	0	0
CTrip.COM INTERNATIONAL ADR	ADR	22943F100	1,222	26,204	SH	SOLE	1	26,204	0	0
CTS CORP	COM	126501105	556	20,435	SH	SOLE	1	20,435	0	0
CUBESMART	COM	229663109	113	4,002	SH	SOLE	1	4,002	0	0
CUBIC CORP	COM	229669106	1,027	16,143	SH	SOLE	1	16,143	0	0
CUE BIOPHARMA INC	COM	22978P106	80	5,697	SH	SOLE	1	5,697	0	0
CULLEN/FROST BANKERS INC	COM	229899109	12,293	115,897	SH	SOLE	1	115,897	0	0
CULP INC	COM	230215105	214	7,003	SH	SOLE	1	7,003	0	0
CUMMINS INC	COM	231021106	14,442	89,101	SH	SOLE	1	89,101	0	0
CURIS INC	COM	231269101	55	84,533	SH	SOLE	1	84,533	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	85	4,952	SH	SOLE	1	4,952	0	0
CURTISS WRIGHT CORP	COM	231561101	15,625	115,682	SH	SOLE	1	115,682	0	0
CUSTOMERS BANCORP INC	COM	23204G100	538	18,459	SH	SOLE	1	18,459	0	0
CUTERA INC	COM	232109108	425	8,453	SH	SOLE	1	8,453	0	0
CVB FINANCIAL CORP	COM	126600105	1,499	66,216	SH	SOLE	1	66,216	0	0
CVR ENERGY INC	COM	12662P108	305	10,097	SH	SOLE	1	10,097	0	0
CVS HEALTH CORP	COM	126650100	438,021	7,041,006	SH	SOLE	1	7,041,006	0	0

CYBEROPTICS CORP	COM	232517102	79	4,394	SH	SOLE	1	4,394	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	12,037	709,755	SH	SOLE	1	709,755	0	0
CYRUSONE INC	COM	23283R100	9,849	192,331	SH	SOLE	1	192,331	0	0
CYS INVESTMENTS INC	COM	12673A108	665	98,960	SH	SOLE	1	98,960	0	0
CYTOKINETICS INC	COM	23282W605	191	26,556	SH	SOLE	1	26,556	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	528	18,571	SH	SOLE	1	18,571	0	0
DAILY JOURNAL CORP	COM	233912104	162	710	SH	SOLE	1	710	0	0
DAKTRONICS INC	COM	234264109	200	22,698	SH	SOLE	1	22,698	0	0
DANA INC	COM	235825205	9,802	380,506	SH	SOLE	1	380,506	0	0
DANAHER CORP	COM	235851102	27,739	283,314	SH	SOLE	1	283,314	0	0
DARDEN RESTAURANTS INC	COM	237194105	498,434	5,846,736	SH	SOLE	1	5,846,736	0	0
DARLING INGREDIENTS INC	COM	237266101	1,816	104,977	SH	SOLE	1	104,977	0	0
DASEKE INC	COM	23753F107	206	21,044	SH	SOLE	1	21,044	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,087	26,047	SH	SOLE	1	26,047	0	0
DAVITA INC	COM	23918K108	3,295	49,976	SH	SOLE	1	49,976	0	0
DCT INDUSTRIAL TRUST INC	COM	233153204	10,561	187,454	SH	SOLE	1	187,454	0	0
DDR CORP	COM	23317H102	47	6,474	SH	SOLE	1	6,474	0	0
DEAN FOODS CO	COM	242370203	501	58,137	SH	SOLE	1	58,137	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	106	5,275	SH	SOLE	1	5,275	0	0
DECKERS OUTDOOR CORP	COM	243537107	7,481	83,100	SH	SOLE	1	83,100	0	0
DEERE & CO	COM	244199105	21,517	138,535	SH	SOLE	1	138,535	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	206	13,521	SH	SOLE	1	13,521	0	0
DEL TACO RESTAURANTS INC	COM	245496104	218	21,086	SH	SOLE	1	21,086	0	0
DELEK US HOLDINGS INC	COM	24665A103	2,082	51,158	SH	SOLE	1	51,158	0	0
DELL TECHNOLOGIES INC CL V	COM	24703L103	524	7,160	SH	SOLE	1	7,160	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	8,682	182,208	SH	SOLE	1	182,208	0	0
DELTA AIR LINES INC	COM	247361702	15,035	274,313	SH	SOLE	1	274,313	0	0
DELTA APPAREL INC	COM	247368103	76	4,219	SH	SOLE	1	4,219	0	0
DELUXE CORP	COM	248019101	9,292	125,552	SH	SOLE	1	125,552	0	0
DENALI THERAPEUTICS INC	COM	24823R105	203	10,317	SH	SOLE	1	10,317	0	0
DENBURY RESOURCES INC	COM	247916208	697	254,223	SH	SOLE	1	254,223	0	0
DENNY S CORP	COM	24869P104	632	40,936	SH	SOLE	1	40,936	0	0
DENTSPLY SIRONA INC	COM	24906P109	6,080	120,846	SH	SOLE	1	120,846	0	0
DEPOMED INC	COM	249908104	243	36,874	SH	SOLE	1	36,874	0	0
DERMIRA INC	COM	24983L104	195	24,364	SH	SOLE	1	24,364	0	0
DEVON ENERGY CORP	COM	25179M103	7,636	240,214	SH	SOLE	1	240,214	0	0

DEXCOM INC	COM	252131107	145	1,952	SH	SOLE	1	1,952	0	0
DHI GROUP INC	COM	23331S100	50	31,001	SH	SOLE	1	31,001	0	0
DHT HOLDINGS INC	COM	Y2065G121	186	54,641	SH	SOLE	1	54,641	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	419	2,027	SH	SOLE	1	2,027	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	2,478	169,037	SH	SOLE	1	169,037	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	536	4,240	SH	SOLE	1	4,240	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,335	127,913	SH	SOLE	1	127,913	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,801	165,507	SH	SOLE	1	165,507	0	0
DIEBOLD NIXDORF INC	COM	253651103	3,059	198,663	SH	SOLE	1	198,663	0	0
DIGI INTERNATIONAL INC	COM	253798102	177	17,227	SH	SOLE	1	17,227	0	0
DIGIMARC CORP	COM	25381B101	158	6,591	SH	SOLE	1	6,591	0	0
DIGITAL REALTY TRUST INC	COM	253868103	8,121	77,062	SH	SOLE	1	77,062	0	0
DILLARDS INC CL A	COM	254067101	3,969	49,400	SH	SOLE	1	49,400	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	373	20,251	SH	SOLE	1	20,251	0	0
DINE BRANDS GLOBAL INC	COM	254423106	722	11,008	SH	SOLE	1	11,008	0	0
DIODES INC	COM	254543101	759	24,920	SH	SOLE	1	24,920	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	626	31,043	SH	SOLE	1	31,043	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	10,840	150,696	SH	SOLE	1	150,696	0	0
DISCOVERY INC A	COM	25470F104	1,456	67,955	SH	SOLE	1	67,955	0	0
DISCOVERY INC C	COM	25470F302	2,440	124,975	SH	SOLE	1	124,975	0	0
DISH NETWORK CORP A	COM	25470M109	4,542	119,870	SH	SOLE	1	119,870	0	0
DMC GLOBAL INC	COM	23291C103	241	9,021	SH	SOLE	1	9,021	0	0
DNB FINANCIAL CORP	COM	233237106	71	1,983	SH	SOLE	1	1,983	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	77	1,204	SH	SOLE	1	1,204	0	0
DOLLAR GENERAL CORP	COM	256677105	8,181	87,448	SH	SOLE	1	87,448	0	0
DOLLAR TREE INC	COM	256746108	10,601	111,706	SH	SOLE	1	111,706	0	0
DOMINION ENERGY INC	COM	25746U109	13,944	206,786	SH	SOLE	1	206,786	0	0
DOMINO S PIZZA INC	COM	25754A201	20,453	87,569	SH	SOLE	1	87,569	0	0
DOMTAR CORP	COM	257559203	5,335	125,412	SH	SOLE	1	125,412	0	0
DONALDSON CO INC	COM	257651109	11,718	260,113	SH	SOLE	1	260,113	0	0
DONEGAL GROUP INC CL A	COM	257701201	89	5,635	SH	SOLE	1	5,635	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	368	21,420	SH	SOLE	1	21,420	0	0
DORIAN LPG LTD	COM	Y2106R110	108	14,357	SH	SOLE	1	14,357	0	0
DORMAN PRODUCTS INC	COM	258278100	1,140	17,224	SH	SOLE	1	17,224	0	0

DOUGLAS DYNAMICS INC	COM	25960R105	612	14,121	SH	SOLE	1	14,121	0	0
DOUGLAS EMMETT INC	COM	25960P109	11,730	319,105	SH	SOLE	1	319,105	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	108	3,994	SH	SOLE	1	3,994	0	0
DOVER CORP	COM	260003108	5,985	60,931	SH	SOLE	1	60,931	0	0
DOWDUPONT INC	COM	26078J100	48,039	754,031	SH	SOLE	1	754,031	0	0
DR HORTON INC	COM	23331A109	5,223	119,140	SH	SOLE	1	119,140	0	0
DR PEPPER SNAPPLE GROUP INC	COM	26138E109	24,691	208,577	SH	SOLE	1	208,577	0	0
DRIL QUIP INC	COM	262037104	4,467	99,719	SH	SOLE	1	99,719	0	0
DRIVE SHACK INC	COM	262077100	190	39,739	SH	SOLE	1	39,739	0	0
DSP GROUP INC	COM	23332B106	165	13,966	SH	SOLE	1	13,966	0	0
DST SYSTEMS INC	COM	233326107	9,918	118,569	SH	SOLE	1	118,569	0	0
DSW INC CLASS A	COM	23334L102	943	42,007	SH	SOLE	1	42,007	0	0
DTE ENERGY COMPANY	COM	233331107	6,426	61,555	SH	SOLE	1	61,555	0	0
DUCOMMUN INC	COM	264147109	204	6,730	SH	SOLE	1	6,730	0	0
DUKE ENERGY CORP	COM	26441C204	17,477	225,596	SH	SOLE	1	225,596	0	0
DUKE REALTY CORP	COM	264411505	3,243	122,481	SH	SOLE	1	122,481	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	115	6,138	SH	SOLE	1	6,138	0	0
DUN & BRADSTREET CORP	COM	26483E100	8,663	74,039	SH	SOLE	1	74,039	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	10,487	175,687	SH	SOLE	1	175,687	0	0
DURECT CORPORATION	COM	266605104	196	91,707	SH	SOLE	1	91,707	0	0
DXC TECHNOLOGY CO	COM	23355L106	10,950	108,924	SH	SOLE	1	108,924	0	0
DXP ENTERPRISES INC	COM	233377407	393	10,078	SH	SOLE	1	10,078	0	0
DYCOM INDUSTRIES INC	COM	267475101	8,721	81,030	SH	SOLE	1	81,030	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	772	38,909	SH	SOLE	1	38,909	0	0
DYNEGY INC	COM	26817R108	1,114	82,396	SH	SOLE	1	82,396	0	0
DYNEX CAPITAL INC	COM	26817Q506	221	33,375	SH	SOLE	1	33,375	0	0
E TRADE FINANCIAL CORP	COM	269246401	5,306	95,765	SH	SOLE	1	95,765	0	0
EAGLE BANCORP INC	COM	268948106	1,207	20,163	SH	SOLE	1	20,163	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	122	24,568	SH	SOLE	1	24,568	0	0
EAGLE MATERIALS INC	COM	26969P108	10,030	97,330	SH	SOLE	1	97,330	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	271	5,139	SH	SOLE	1	5,139	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	119	11,775	SH	SOLE	1	11,775	0	0
EAST WEST BANCORP INC	COM	27579R104	18,084	289,163	SH	SOLE	1	289,163	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	550	26,970	SH	SOLE	1	26,970	0	0
EASTERN CO/THE	COM	276317104	102	3,568	SH	SOLE	1	3,568	0	0

EASTGROUP PROPERTIES INC	COM	277276101	1,799	21,759	SH	SOLE	1	21,759	0	0
EASTMAN CHEMICAL CO	COM	277432100	7,089	67,145	SH	SOLE	1	67,145	0	0
EASTMAN KODAK CO	COM	277461406	56	10,554	SH	SOLE	1	10,554	0	0
EATON CORP PLC	COM	G29183103	15,488	193,812	SH	SOLE	1	193,812	0	0
EATON VANCE CORP	COM	278265103	13,787	247,652	SH	SOLE	1	247,652	0	0
EBAY INC	COM	278642103	15,365	381,840	SH	SOLE	1	381,840	0	0
EBIX INC	COM	278715206	1,145	15,369	SH	SOLE	1	15,369	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	466	16,884	SH	SOLE	1	16,884	0	0
ECHOSTAR CORP A	COM	278768106	52	987	SH	SOLE	1	987	0	0
ECLIPSE RESOURCES CORP	COM	27890G100	80	55,868	SH	SOLE	1	55,868	0	0
ECOLAB INC	COM	278865100	15,830	115,486	SH	SOLE	1	115,486	0	0
EDGE THERAPEUTICS INC	COM	279870109	15	12,697	SH	SOLE	1	12,697	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	7,279	149,091	SH	SOLE	1	149,091	0	0
EDISON INTERNATIONAL	COM	281020107	7,107	111,647	SH	SOLE	1	111,647	0	0
EDITAS MEDICINE INC	COM	28106W103	786	23,710	SH	SOLE	1	23,710	0	0
EDUCATION REALTY TRUST INC	COM	28140H203	6,507	198,681	SH	SOLE	1	198,681	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	12,292	88,101	SH	SOLE	1	88,101	0	0
EHEALTH INC	COM	28238P109	144	10,053	SH	SOLE	1	10,053	0	0
EL PASO ELECTRIC CO	COM	283677854	1,319	25,859	SH	SOLE	1	25,859	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	123	12,999	SH	SOLE	1	12,999	0	0
ELDORADO RESORTS INC	COM	28470R102	988	29,935	SH	SOLE	1	29,935	0	0
ELECTRO SCIENTIFIC INDS INC	COM	285229100	400	20,714	SH	SOLE	1	20,714	0	0
ELECTRONIC ARTS INC	COM	285512109	15,342	126,540	SH	SOLE	1	126,540	0	0
ELECTRONICS FOR IMAGING	COM	286082102	796	29,115	SH	SOLE	1	29,115	0	0
ELEVATE CREDIT INC	COM	28621V101	78	11,076	SH	SOLE	1	11,076	0	0
ELF BEAUTY INC	COM	26856L103	260	13,410	SH	SOLE	1	13,410	0	0
ELI LILLY & CO	COM	532457108	23,456	303,173	SH	SOLE	1	303,173	0	0
ELLIE MAE INC	COM	28849P100	1,990	21,647	SH	SOLE	1	21,647	0	0
ELLINGTON RESIDENTIAL MORTGA	COM	288578107	64	5,842	SH	SOLE	1	5,842	0	0
EMC INS GROUP INC	COM	268664109	152	5,603	SH	SOLE	1	5,603	0	0
EMCOR GROUP INC	COM	29084Q100	11,943	153,257	SH	SOLE	1	153,257	0	0
EMCORE CORP	COM	290846203	100	17,462	SH	SOLE	1	17,462	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	226	11,591	SH	SOLE	1	11,591	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,128	21,419	SH	SOLE	1	21,419	0	0
EMERSON ELECTRIC CO	COM	291011104	31,964	467,992	SH	SOLE	1	467,992	0	0

EMPIRE RESORTS INC	COM	292052305	38	2,177	SH	SOLE	1	2,177	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	45	2,700	SH	SOLE	1	2,700	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	822	20,330	SH	SOLE	1	20,330	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	803	9,921	SH	SOLE	1	9,921	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	14,707	257,252	SH	SOLE	1	257,252	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	694	15,347	SH	SOLE	1	15,347	0	0
ENCORE WIRE CORP	COM	292562105	735	12,958	SH	SOLE	1	12,958	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	2,391	402,574	SH	SOLE	1	402,574	0	0
ENDOLOGIX INC	COM	29266S106	222	52,569	SH	SOLE	1	52,569	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	270	36,427	SH	SOLE	1	36,427	0	0
ENERGEN CORP	COM	29265N108	12,223	194,443	SH	SOLE	1	194,443	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	7,120	119,499	SH	SOLE	1	119,499	0	0
ENERGOUS CORP	COM	29272C103	193	12,034	SH	SOLE	1	12,034	0	0
ENERGY RECOVERY INC	COM	29270J100	191	23,179	SH	SOLE	1	23,179	0	0
ENERGY XXI GULF COAST INC	COM	29276K101	73	18,904	SH	SOLE	1	18,904	0	0
ENERSYS	COM	29275Y102	7,624	109,902	SH	SOLE	1	109,902	0	0
ENGLITY HOLDINGS INC	COM	29286C107	281	11,534	SH	SOLE	1	11,534	0	0
ENNIS INC	COM	293389102	315	16,000	SH	SOLE	1	16,000	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	466	21,139	SH	SOLE	1	21,139	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,047	13,529	SH	SOLE	1	13,529	0	0
ENSCO PLC CL A	COM	G3157S106	4,989	1,136,540	SH	SOLE	1	1,136,540	0	0
ENSIGN GROUP INC/THE	COM	29358P101	822	31,263	SH	SOLE	1	31,263	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,512	7,190	SH	SOLE	1	7,190	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	124	4,288	SH	SOLE	1	4,288	0	0
ENTEGRIS INC	COM	29362U104	3,162	90,859	SH	SOLE	1	90,859	0	0
ENTERCOM COMMUNICATIONS CL A	COM	293639100	782	81,084	SH	SOLE	1	81,084	0	0
ENERGY CORP	COM	29364G103	4,885	62,014	SH	SOLE	1	62,014	0	0
ENTERPRISE BANCORP INC	COM	293668109	213	6,047	SH	SOLE	1	6,047	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	664	14,151	SH	SOLE	1	14,151	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	199	42,343	SH	SOLE	1	42,343	0	0
ENVESTNET INC	COM	29404K106	1,596	27,845	SH	SOLE	1	27,845	0	0
ENVIROSTAR INC	COM	29414M100	92	2,337	SH	SOLE	1	2,337	0	0
ENVISION HEALTHCARE CORP	COM	29414D100	1,595	41,494	SH	SOLE	1	41,494	0	0
ENZO BIOCHEM INC	COM	294100102	154	28,136	SH	SOLE	1	28,136	0	0
EOG RESOURCES INC	COM	26875P101	23,024	218,714	SH	SOLE	1	218,714	0	0

EP ENERGY CORP CL A	COM	268785102	33	24,609	SH	SOLE	1	24,609	0	0
EPAM SYSTEMS INC	COM	29414B104	3,648	31,854	SH	SOLE	1	31,854	0	0
EPIZYME INC	COM	29428V104	556	31,313	SH	SOLE	1	31,313	0	0
EPLUS INC	COM	294268107	643	8,271	SH	SOLE	1	8,271	0	0
EPR PROPERTIES	COM	26884U109	7,164	129,306	SH	SOLE	1	129,306	0	0
EQT CORP	COM	26884L109	4,531	95,362	SH	SOLE	1	95,362	0	0
EQUIFAX INC	COM	294429105	4,772	40,507	SH	SOLE	1	40,507	0	0
EQUINIX INC	COM	29444U700	12,710	30,396	SH	SOLE	1	30,396	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	272	6,934	SH	SOLE	1	6,934	0	0
EQUITY COMMONWEALTH	COM	294628102	77	2,520	SH	SOLE	1	2,520	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	165	1,878	SH	SOLE	1	1,878	0	0
EQUITY RESIDENTIAL	COM	29476L107	8,477	137,570	SH	SOLE	1	137,570	0	0
ERA GROUP INC	COM	26885G109	118	12,588	SH	SOLE	1	12,588	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	65	551	SH	SOLE	1	551	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	214	19,624	SH	SOLE	1	19,624	0	0
ESCALADE INC	COM	296056104	93	6,785	SH	SOLE	1	6,785	0	0
ESCO TECHNOLOGIES INC	COM	296315104	954	16,294	SH	SOLE	1	16,294	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	800	11,061	SH	SOLE	1	11,061	0	0
ESSA BANCORP INC	COM	29667D104	83	5,672	SH	SOLE	1	5,672	0	0
ESSENDANT INC	COM	296689102	186	23,898	SH	SOLE	1	23,898	0	0
ESSENT GROUP LTD	COM	G3198U102	2,214	52,031	SH	SOLE	1	52,031	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,524	22,950	SH	SOLE	1	22,950	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	11,234	75,031	SH	SOLE	1	75,031	0	0
ESTERLINE TECHNOLOGIES CORP	COM	297425100	5,012	68,521	SH	SOLE	1	68,521	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	365	15,891	SH	SOLE	1	15,891	0	0
ETSY INC	COM	29786A106	2,169	77,293	SH	SOLE	1	77,293	0	0
EURONET WORLDWIDE INC	COM	298736109	90	1,146	SH	SOLE	1	1,146	0	0
EVANS BANCORP INC	COM	29911Q208	134	2,954	SH	SOLE	1	2,954	0	0
EVERBRIDGE INC	COM	29978A104	401	10,967	SH	SOLE	1	10,967	0	0
EVERCORE INC A	COM	29977A105	9,266	106,259	SH	SOLE	1	106,259	0	0
EVEREST RE GROUP LTD	COM	G3223R108	4,292	16,711	SH	SOLE	1	16,711	0	0
EVERI HOLDINGS INC	COM	30034T103	273	41,497	SH	SOLE	1	41,497	0	0
EVERSOURCE ENERGY	COM	30040W108	10,362	175,861	SH	SOLE	1	175,861	0	0
EVERTEC INC	COM	30040P103	632	38,680	SH	SOLE	1	38,680	0	0
EVOLENT HEALTH INC A	COM	30050B101	545	38,213	SH	SOLE	1	38,213	0	0
EVOLUS INC	COM	30052C107	29	3,229	SH	SOLE	1	3,229	0	0

EVOLUTION PETROLEUM CORP	COM	30049A107	130	16,186	SH	SOLE	1	16,186	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	677	31,797	SH	SOLE	1	31,797	0	0
EW SCRIPPS CO/THE A	COM	811054402	443	36,981	SH	SOLE	1	36,981	0	0
EXACT SCIENCES CORP	COM	30063P105	3,033	75,195	SH	SOLE	1	75,195	0	0
EXELIXIS INC	COM	30161Q104	148	6,667	SH	SOLE	1	6,667	0	0
EXELON CORP	COM	30161N101	12,131	310,968	SH	SOLE	1	310,968	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,167	20,927	SH	SOLE	1	20,927	0	0
EXONE CO/THE	COM	302104104	52	7,114	SH	SOLE	1	7,114	0	0
EXPEDIA GROUP INC	COM	30212P303	6,001	54,355	SH	SOLE	1	54,355	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,515	71,326	SH	SOLE	1	71,326	0	0
EXPONENT INC	COM	30214U102	1,290	16,399	SH	SOLE	1	16,399	0	0
EXPRESS INC	COM	30219E103	353	49,331	SH	SOLE	1	49,331	0	0
EXPRESS SCRIPTS HOLDING CO	COM	30219G108	17,809	257,806	SH	SOLE	1	257,806	0	0
EXTENDED STAY AMERICA INC	COM	30224P200	83	4,211	SH	SOLE	1	4,211	0	0
EXTERRAN CORP	COM	30227H106	548	20,531	SH	SOLE	1	20,531	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	3,989	45,659	SH	SOLE	1	45,659	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	29	2,517	SH	SOLE	1	2,517	0	0
EXTREME NETWORKS INC	COM	30226D106	808	73,033	SH	SOLE	1	73,033	0	0
EXXON MOBIL CORP	COM	30231G102	558,618	7,487,167	SH	SOLE	1	7,487,167	0	0
EZCORP INC CL A	COM	302301106	421	31,920	SH	SOLE	1	31,920	0	0
F5 NETWORKS INC	COM	315616102	3,020	20,882	SH	SOLE	1	20,882	0	0
FABRINET	COM	G3323L100	728	23,205	SH	SOLE	1	23,205	0	0
FACEBOOK INC A	COM	30303M102	158,983	994,948	SH	SOLE	1	994,948	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	15,579	78,121	SH	SOLE	1	78,121	0	0
FAIR ISAAC CORP	COM	303250104	13,313	78,606	SH	SOLE	1	78,606	0	0
FAIRMOUNT SANTROL HOLDINGS I	COM	30555Q108	422	99,190	SH	SOLE	1	99,190	0	0
FARMER BROS CO	COM	307675108	168	5,553	SH	SOLE	1	5,553	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	229	5,668	SH	SOLE	1	5,668	0	0
FARMERS CAPITAL BANK CORP	COM	309562106	188	4,702	SH	SOLE	1	4,702	0	0
FARMERS NATL BANC CORP	COM	309627107	227	16,391	SH	SOLE	1	16,391	0	0
FARMLAND PARTNERS INC	COM	31154R109	170	20,310	SH	SOLE	1	20,310	0	0
FARO TECHNOLOGIES INC	COM	311642102	619	10,597	SH	SOLE	1	10,597	0	0
FASTENAL CO	COM	311900104	19,365	354,734	SH	SOLE	1	354,734	0	0
FATE THERAPEUTICS INC	COM	31189P102	301	30,864	SH	SOLE	1	30,864	0	0
FB FINANCIAL CORP	COM	30257X104	338	8,326	SH	SOLE	1	8,326	0	0

FBL FINANCIAL GROUP INC CL A	COM	30239F106	439	6,328	SH	SOLE	1	6,328	0	0
FCB FINANCIAL HOLDINGS CL A	COM	30255G103	1,198	23,443	SH	SOLE	1	23,443	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	490	5,636	SH	SOLE	1	5,636	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,225	27,776	SH	SOLE	1	27,776	0	0
FEDERAL SIGNAL CORP	COM	313855108	831	37,729	SH	SOLE	1	37,729	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	6,344	189,936	SH	SOLE	1	189,936	0	0
FEDERATED NATIONAL HOLDING C	COM	31422T101	119	7,574	SH	SOLE	1	7,574	0	0
FEDEX CORP	COM	31428X106	18,639	77,625	SH	SOLE	1	77,625	0	0
FERRO CORP	COM	315405100	1,243	53,548	SH	SOLE	1	53,548	0	0
FIBROGEN INC	COM	31572Q808	2,058	44,553	SH	SOLE	1	44,553	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	13,577	140,984	SH	SOLE	1	140,984	0	0
FIDELITY SOUTHERN CORP	COM	316394105	326	14,152	SH	SOLE	1	14,152	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	305	16,500	SH	SOLE	1	16,500	0	0
FIFTH THIRD BANCORP	COM	316773100	11,613	365,754	SH	SOLE	1	365,754	0	0
FINANCIAL ENGINES INC	COM	317485100	1,310	37,436	SH	SOLE	1	37,436	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	283	9,554	SH	SOLE	1	9,554	0	0
FINISAR CORPORATION	COM	31787A507	1,153	72,911	SH	SOLE	1	72,911	0	0
FINISH LINE/THE CL A	COM	317923100	344	25,428	SH	SOLE	1	25,428	0	0
FIREEYE INC	COM	31816Q101	64	3,798	SH	SOLE	1	3,798	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	12,994	221,433	SH	SOLE	1	221,433	0	0
FIRST BANCORP INC/ME	COM	31866P102	183	6,523	SH	SOLE	1	6,523	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	740	122,841	SH	SOLE	1	122,841	0	0
FIRST BANCORP/NC	COM	318910106	641	17,981	SH	SOLE	1	17,981	0	0
FIRST BANCSHARES INC/MS	COM	318916103	214	6,645	SH	SOLE	1	6,645	0	0
FIRST BUSEY CORP	COM	319383204	774	26,042	SH	SOLE	1	26,042	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	132	5,259	SH	SOLE	1	5,259	0	0
FIRST CITIZENS BCSHS CL A	COM	31946M103	1,960	4,742	SH	SOLE	1	4,742	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	874	61,877	SH	SOLE	1	61,877	0	0
FIRST COMMUNITY BANCSHARES	COM	31983A103	317	10,621	SH	SOLE	1	10,621	0	0
FIRST CONNECTICUT BANCORP	COM	319850103	231	9,015	SH	SOLE	1	9,015	0	0
FIRST DATA CORP CLASS A	COM	32008D106	173	10,841	SH	SOLE	1	10,841	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	364	6,345	SH	SOLE	1	6,345	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,156	39,401	SH	SOLE	1	39,401	0	0

FIRST FINANCIAL CORP/INDIANA	COM	320218100	281	6,761	SH	SOLE	1	6,761	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	87	5,174	SH	SOLE	1	5,174	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	1,878	40,562	SH	SOLE	1	40,562	0	0
FIRST FOUNDATION INC	COM	32026V104	353	19,048	SH	SOLE	1	19,048	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	75	2,884	SH	SOLE	1	2,884	0	0
FIRST HAWAIIAN INC	COM	32051X108	31	1,111	SH	SOLE	1	1,111	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	12,298	653,094	SH	SOLE	1	653,094	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,177	313,971	SH	SOLE	1	313,971	0	0
FIRST INTERNET BANCORP	COM	320557101	189	5,095	SH	SOLE	1	5,095	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	652	16,477	SH	SOLE	1	16,477	0	0
FIRST MERCHANTS CORP	COM	320817109	1,093	26,203	SH	SOLE	1	26,203	0	0
FIRST MID ILLINOIS BNCSHS	COM	320866106	237	6,514	SH	SOLE	1	6,514	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,606	65,300	SH	SOLE	1	65,300	0	0
FIRST NORTHWEST BANCORP	COM	335834107	106	6,305	SH	SOLE	1	6,305	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	419	15,276	SH	SOLE	1	15,276	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	693	7,478	SH	SOLE	1	7,478	0	0
FIRST SOLAR INC	COM	336433107	11,572	163,025	SH	SOLE	1	163,025	0	0
FIRSTCASH INC	COM	33767D105	2,409	29,647	SH	SOLE	1	29,647	0	0
FIRSTENERGY CORP	COM	337932107	6,717	197,498	SH	SOLE	1	197,498	0	0
FISERV INC	COM	337738108	14,799	207,524	SH	SOLE	1	207,524	0	0
FITBIT INC A	COM	33812L102	632	123,900	SH	SOLE	1	123,900	0	0
FIVE BELOW	COM	33829M101	2,534	34,551	SH	SOLE	1	34,551	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	361	21,026	SH	SOLE	1	21,026	0	0
FIVE9 INC	COM	338307101	1,015	34,063	SH	SOLE	1	34,063	0	0
FLAGSTAR BANCORP INC	COM	337930705	482	13,625	SH	SOLE	1	13,625	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	664	3,279	SH	SOLE	1	3,279	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	469	20,949	SH	SOLE	1	20,949	0	0
FLEXSTEEL INDS	COM	339382103	193	4,866	SH	SOLE	1	4,866	0	0
FLIR SYSTEMS INC	COM	302445101	2,330	46,586	SH	SOLE	1	46,586	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	35	672	SH	SOLE	1	672	0	0
FLOTEK INDUSTRIES INC	COM	343389102	216	35,373	SH	SOLE	1	35,373	0	0
FLOWERS FOODS INC	COM	343498101	8,101	370,591	SH	SOLE	1	370,591	0	0

FLOWERVE CORP	COM	34354P105	2,119	48,902	SH	SOLE	1	48,902	0	0
FLUIDIGM CORP	COM	34385P108	145	24,785	SH	SOLE	1	24,785	0	0
FLUOR CORP	COM	343412102	2,747	48,009	SH	SOLE	1	48,009	0	0
FLUSHING FINANCIAL CORP	COM	343873105	479	17,757	SH	SOLE	1	17,757	0	0
FMC CORP	COM	302491303	3,417	44,625	SH	SOLE	1	44,625	0	0
FNB BANCORP	COM	302515101	127	3,447	SH	SOLE	1	3,447	0	0
FNB CORP	COM	302520101	8,703	647,048	SH	SOLE	1	647,048	0	0
FOGO DE CHAO INC	COM	344177100	95	6,024	SH	SOLE	1	6,024	0	0
FONAR CORP	COM	344437405	118	3,952	SH	SOLE	1	3,952	0	0
FOOT LOCKER INC	COM	344849104	18,762	411,986	SH	SOLE	1	411,986	0	0
FORD MOTOR CO	COM	345370860	18,902	1,705,945	SH	SOLE	1	1,705,945	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	113	3,492	SH	SOLE	1	3,492	0	0
FOREST CITY REALTY TRUST A	COM	345605109	107	5,277	SH	SOLE	1	5,277	0	0
FORESTAR GROUP INC	COM	346232101	142	6,718	SH	SOLE	1	6,718	0	0
FORMFACTOR INC	COM	346375108	628	46,030	SH	SOLE	1	46,030	0	0
FORRESTER RESEARCH INC	COM	346563109	270	6,511	SH	SOLE	1	6,511	0	0
FORTERRA INC	COM	34960W106	99	11,933	SH	SOLE	1	11,933	0	0
FORTINET INC	COM	34959E109	15,505	289,372	SH	SOLE	1	289,372	0	0
FORTIS INC	COM	349553958	289	8,562	SH	SOLE	1	8,562	0	0
FORTIVE CORP	COM	34959J108	10,520	135,710	SH	SOLE	1	135,710	0	0
FORTRESS BIOTECH INC	COM	34960Q109	96	21,062	SH	SOLE	1	21,062	0	0
FORTUM OYJ	COM	557955903	1,206	56,084	SH	SOLE	1	56,084	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	2,972	50,468	SH	SOLE	1	50,468	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	567	51,541	SH	SOLE	1	51,541	0	0
FORWARD AIR CORP	COM	349853101	1,000	18,913	SH	SOLE	1	18,913	0	0
FOSSIL GROUP INC	COM	34988V106	360	28,312	SH	SOLE	1	28,312	0	0
FOSTER (LB) CO A	COM	350060109	125	5,322	SH	SOLE	1	5,322	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	142	9,493	SH	SOLE	1	9,493	0	0
FOUNDATION MEDICINE INC	COM	350465100	729	9,256	SH	SOLE	1	9,256	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	911	39,446	SH	SOLE	1	39,446	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	782	22,402	SH	SOLE	1	22,402	0	0
FRANCESCAS HOLDINGS CORP	COM	351793104	112	23,264	SH	SOLE	1	23,264	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	173	31,859	SH	SOLE	1	31,859	0	0
FRANKLIN COVEY CO	COM	353469109	167	6,207	SH	SOLE	1	6,207	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,207	29,618	SH	SOLE	1	29,618	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	248	7,615	SH	SOLE	1	7,615	0	0

FRANKLIN RESOURCES INC	COM	354613101	7,800	224,912	SH	SOLE	1	224,912	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	562	66,839	SH	SOLE	1	66,839	0	0
FRED S INC CLASS A	COM	356108100	69	22,998	SH	SOLE	1	22,998	0	0
FREEMPORT MCMORAN INC	COM	35671D857	8,131	462,779	SH	SOLE	1	462,779	0	0
FREIGHTCAR AMERICA INC	COM	357023100	104	7,757	SH	SOLE	1	7,757	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	937	20,715	SH	SOLE	1	20,715	0	0
FRESHPET INC	COM	358039105	261	15,888	SH	SOLE	1	15,888	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	319	31,728	SH	SOLE	1	31,728	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	373	50,295	SH	SOLE	1	50,295	0	0
FRONTLINE LTD	COM	G3682E192	218	49,224	SH	SOLE	1	49,224	0	0
FRP HOLDINGS INC	COM	30292L107	235	4,191	SH	SOLE	1	4,191	0	0
FTD COS INC	COM	30281V108	39	10,797	SH	SOLE	1	10,797	0	0
FTI CONSULTING INC	COM	302941109	1,171	24,191	SH	SOLE	1	24,191	0	0
FTS INTERNATIONAL INC	COM	30283W104	266	14,485	SH	SOLE	1	14,485	0	0
FULTON FINANCIAL CORP	COM	360271100	8,106	456,671	SH	SOLE	1	456,671	0	0
FUNKO INC CLASS A	COM	361008105	55	6,728	SH	SOLE	1	6,728	0	0
FUTUREFUEL CORP	COM	36116M106	192	16,001	SH	SOLE	1	16,001	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,043	27,684	SH	SOLE	1	27,684	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	320	8,637	SH	SOLE	1	8,637	0	0
GAIA INC	COM	36269P104	87	5,603	SH	SOLE	1	5,603	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	148	21,872	SH	SOLE	1	21,872	0	0
GAMCO INVESTORS INC A	COM	361438104	83	3,329	SH	SOLE	1	3,329	0	0
GAMESTOP CORP CLASS A	COM	36467W109	10,280	814,591	SH	SOLE	1	814,591	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	145	4,328	SH	SOLE	1	4,328	0	0
GANNETT CO INC	COM	36473H104	717	71,890	SH	SOLE	1	71,890	0	0
GAP INC/THE	COM	364760108	547,496	17,547,958	SH	SOLE	1	17,547,958	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	52	1,681	SH	SOLE	1	1,681	0	0
GARMIN LTD	COM	H2906T109	3,301	56,009	SH	SOLE	1	56,009	0	0
GARTNER INC	COM	366651107	3,763	31,990	SH	SOLE	1	31,990	0	0
GASLOG LTD	COM	G37585109	430	26,130	SH	SOLE	1	26,130	0	0
GASTAR EXPLORATION LTD	COM	36729W202	79	115,312	SH	SOLE	1	115,312	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	15	881	SH	SOLE	1	881	0	0
GATX CORP	COM	361448103	6,827	99,679	SH	SOLE	1	99,679	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	1,688	31,927	SH	SOLE	1	31,927	0	0

GCP APPLIED TECHNOLOGIES	COM	36164Y101	1,332	45,858	SH	SOLE	1	45,858	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	70	4,913	SH	SOLE	1	4,913	0	0
GENCOR INDUSTRIES INC	COM	368678108	90	5,603	SH	SOLE	1	5,603	0	0
GENER8 MARITIME INC	COM	Y26889108	170	30,172	SH	SOLE	1	30,172	0	0
GENERAC HOLDINGS INC	COM	368736104	1,787	38,926	SH	SOLE	1	38,926	0	0
GENERAL CABLE CORP	COM	369300108	951	32,118	SH	SOLE	1	32,118	0	0
GENERAL DYNAMICS CORP	COM	369550108	22,211	100,550	SH	SOLE	1	100,550	0	0
GENERAL ELECTRIC CO	COM	369604103	375,163	27,831,117	SH	SOLE	1	27,831,117	0	0
GENERAL MILLS INC	COM	370334104	445,811	9,893,716	SH	SOLE	1	9,893,716	0	0
GENERAL MOTORS CO	COM	37045V100	17,601	484,345	SH	SOLE	1	484,345	0	0
GENESCO INC	COM	371532102	505	12,441	SH	SOLE	1	12,441	0	0
GENESEE & WYOMING INC CL A	COM	371559105	8,772	123,909	SH	SOLE	1	123,909	0	0
GENESIS HEALTHCARE INC	COM	37185X106	44	29,017	SH	SOLE	1	29,017	0	0
GENIE ENERGY LTD B	COM	372284208	43	8,628	SH	SOLE	1	8,628	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	177	32,592	SH	SOLE	1	32,592	0	0
GENOCEA BIOSCIENCES INC	COM	372427104	55	52,705	SH	SOLE	1	52,705	0	0
GENOMIC HEALTH INC	COM	37244C101	400	12,789	SH	SOLE	1	12,789	0	0
GENPACT LTD	COM	G3922B107	111	3,465	SH	SOLE	1	3,465	0	0
GENTEX CORP	COM	371901109	14,137	614,097	SH	SOLE	1	614,097	0	0
GENTHERM INC	COM	37253A103	795	23,426	SH	SOLE	1	23,426	0	0
GENUINE PARTS CO	COM	372460105	15,860	176,534	SH	SOLE	1	176,534	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	3,707	1,309,736	SH	SOLE	1	1,309,736	0	0
GEO GROUP INC/THE	COM	36162J106	6,628	323,815	SH	SOLE	1	323,815	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	83	8,379	SH	SOLE	1	8,379	0	0
GERMAN AMERICAN BANCORP	COM	373865104	452	13,550	SH	SOLE	1	13,550	0	0
GERON CORP	COM	374163103	404	95,040	SH	SOLE	1	95,040	0	0
GETTY REALTY CORP	COM	374297109	499	19,785	SH	SOLE	1	19,785	0	0
GGP INC	COM	36174X101	5,179	253,125	SH	SOLE	1	253,125	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	687	20,304	SH	SOLE	1	20,304	0	0
GILEAD SCIENCES INC	COM	375558103	495,050	6,566,527	SH	SOLE	1	6,566,527	0	0
GLACIER BANCORP INC	COM	37637Q105	1,921	50,054	SH	SOLE	1	50,054	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	311	17,951	SH	SOLE	1	17,951	0	0
GLATFELTER	COM	377316104	570	27,770	SH	SOLE	1	27,770	0	0
GLAUKOS CORP	COM	377322102	564	18,310	SH	SOLE	1	18,310	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,203	24,897	SH	SOLE	1	24,897	0	0

GLOBAL BRASS & COPPER HOLDIN	COM	37953G103	464	13,866	SH	SOLE	1	13,866	0	0
GLOBAL EAGLE ENTERTAINMENT I	COM	37951D102	47	32,277	SH	SOLE	1	32,277	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	183	5,291	SH	SOLE	1	5,291	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	81	11,618	SH	SOLE	1	11,618	0	0
GLOBAL NET LEASE INC	COM	379378201	732	43,347	SH	SOLE	1	43,347	0	0
GLOBAL PAYMENTS INC	COM	37940X102	5,879	52,721	SH	SOLE	1	52,721	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	58	6,487	SH	SOLE	1	6,487	0	0
GLOBALSTAR INC	COM	378973408	250	363,913	SH	SOLE	1	363,913	0	0
GLOBUS MEDICAL INC A	COM	379577208	9,396	188,603	SH	SOLE	1	188,603	0	0
GLU MOBILE INC	COM	379890106	255	67,517	SH	SOLE	1	67,517	0	0
GMS INC	COM	36251C103	636	20,796	SH	SOLE	1	20,796	0	0
GNC HOLDINGS INC CL A	COM	36191G107	167	43,364	SH	SOLE	1	43,364	0	0
GODADDY INC CLASS A	COM	380237107	176	2,873	SH	SOLE	1	2,873	0	0
GOGO INC	COM	38046C109	315	36,446	SH	SOLE	1	36,446	0	0
GOLAR LNG LTD	COM	G9456A100	1,681	61,444	SH	SOLE	1	61,444	0	0
GOLD RESOURCE CORP	COM	38068T105	151	33,545	SH	SOLE	1	33,545	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	264	11,369	SH	SOLE	1	11,369	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	28,673	113,844	SH	SOLE	1	113,844	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	2,192	82,478	SH	SOLE	1	82,478	0	0
GOPRO INC CLASS A	COM	38268T103	334	69,753	SH	SOLE	1	69,753	0	0
GORMAN RUPP CO	COM	383082104	330	11,281	SH	SOLE	1	11,281	0	0
GOVERNMENT PROPERTIES INCOME	COM	38376A103	851	62,329	SH	SOLE	1	62,329	0	0
GP STRATEGIES CORP	COM	36225V104	182	8,026	SH	SOLE	1	8,026	0	0
GRACO INC	COM	384109104	15,509	339,221	SH	SOLE	1	339,221	0	0
GRAHAM CORP	COM	384556106	131	6,104	SH	SOLE	1	6,104	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	5,570	9,249	SH	SOLE	1	9,249	0	0
GRAMERCY PROPERTY TRUST	COM	385002308	2,224	102,365	SH	SOLE	1	102,365	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	3,148	30,000	SH	SOLE	1	30,000	0	0
GRANITE CONSTRUCTION INC	COM	387328107	5,829	104,354	SH	SOLE	1	104,354	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	456	27,568	SH	SOLE	1	27,568	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	106	6,900	SH	SOLE	1	6,900	0	0
GRAY TELEVISION INC	COM	389375106	653	51,409	SH	SOLE	1	51,409	0	0
GREAT AJAX CORP	COM	38983D300	136	10,031	SH	SOLE	1	10,031	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	167	36,313	SH	SOLE	1	36,313	0	0
GREAT PLAINS ENERGY INC	COM	391164100	13,715	431,425	SH	SOLE	1	431,425	0	0

GREAT SOUTHERN BANCORP INC	COM	390905107	347	6,940	SH	SOLE	1	6,940	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,525	37,867	SH	SOLE	1	37,867	0	0
GREEN BANCORP INC	COM	39260X100	346	15,564	SH	SOLE	1	15,564	0	0
GREEN BRICK PARTNERS INC	COM	392709101	166	15,194	SH	SOLE	1	15,194	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,902	29,642	SH	SOLE	1	29,642	0	0
GREEN PLAINS INC	COM	393222104	418	24,898	SH	SOLE	1	24,898	0	0
GREENBRIER COMPANIES INC	COM	393657101	889	17,691	SH	SOLE	1	17,691	0	0
GREENE COUNTY BANCORP INC	COM	394357107	71	1,946	SH	SOLE	1	1,946	0	0
GREENHILL & CO INC	COM	395259104	288	15,554	SH	SOLE	1	15,554	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	309	19,280	SH	SOLE	1	19,280	0	0
GREIF INC CL A	COM	397624107	3,534	67,642	SH	SOLE	1	67,642	0	0
GREIF INC CL B	COM	397624206	209	3,595	SH	SOLE	1	3,595	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	17	444	SH	SOLE	1	444	0	0
GRIFFON CORP	COM	398433102	342	18,744	SH	SOLE	1	18,744	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	829	12,694	SH	SOLE	1	12,694	0	0
GROUPON INC	COM	399473107	943	217,208	SH	SOLE	1	217,208	0	0
GRUBHUB INC	COM	400110102	5,575	54,939	SH	SOLE	1	54,939	0	0
GSI TECHNOLOGY INC	COM	36241U106	71	9,527	SH	SOLE	1	9,527	0	0
GTT COMMUNICATIONS INC	COM	362393100	1,123	19,802	SH	SOLE	1	19,802	0	0
GUARANTY BANCORP	COM	40075T607	446	15,723	SH	SOLE	1	15,723	0	0
GUARANTY BANCSHARES INC	COM	400764106	168	5,046	SH	SOLE	1	5,046	0	0
GUESS INC	COM	401617105	795	38,323	SH	SOLE	1	38,323	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	132	1,639	SH	SOLE	1	1,639	0	0
GULF ISLAND FABRICATION INC	COM	402307102	62	8,734	SH	SOLE	1	8,734	0	0
GULFPORT ENERGY CORP	COM	402635304	4,934	511,298	SH	SOLE	1	511,298	0	0
H.B. FULLER CO.	COM	359694106	1,604	32,260	SH	SOLE	1	32,260	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	775	20,147	SH	SOLE	1	20,147	0	0
H&R BLOCK INC	COM	093671105	13,473	530,209	SH	SOLE	1	530,209	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	114	12,911	SH	SOLE	1	12,911	0	0
HACKETT GROUP INC/THE	COM	404609109	241	14,994	SH	SOLE	1	14,994	0	0
HAEMONETICS CORP/MASS	COM	405024100	2,519	34,433	SH	SOLE	1	34,433	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	6,666	207,846	SH	SOLE	1	207,846	0	0
HALCON RESOURCES CORP	COM	40537Q605	428	87,936	SH	SOLE	1	87,936	0	0

HALLADOR ENERGY CO	COM	40609P105	71	10,364	SH	SOLE	1	10,364	0	0
HALLIBURTON CO	COM	406216101	13,198	281,165	SH	SOLE	1	281,165	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	76	8,521	SH	SOLE	1	8,521	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,494	76,288	SH	SOLE	1	76,288	0	0
HALYARD HEALTH INC	COM	40650V100	5,658	122,782	SH	SOLE	1	122,782	0	0
HAMILTON BEACH BRAND A	COM	40701T104	39	1,826	SH	SOLE	1	1,826	0	0
HAMILTON LANE INC CLASS A	COM	407497106	336	9,014	SH	SOLE	1	9,014	0	0
HANCOCK HOLDING CO	COM	410120109	11,512	222,676	SH	SOLE	1	222,676	0	0
HANESBRANDS INC	COM	410345102	3,723	202,112	SH	SOLE	1	202,112	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	620	20,155	SH	SOLE	1	20,155	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	632	32,434	SH	SOLE	1	32,434	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	13,559	115,011	SH	SOLE	1	115,011	0	0
HARBORONE BANCORP INC	COM	41165F101	149	8,438	SH	SOLE	1	8,438	0	0
HARDINGE INC	COM	412324303	135	7,393	SH	SOLE	1	7,393	0	0
HARLEY DAVIDSON INC	COM	412822108	2,488	58,026	SH	SOLE	1	58,026	0	0
HARMONIC INC	COM	413160102	195	51,401	SH	SOLE	1	51,401	0	0
HARRIS CORP	COM	413875105	6,428	39,857	SH	SOLE	1	39,857	0	0
HARSCO CORP	COM	415864107	1,062	51,410	SH	SOLE	1	51,410	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,309	122,465	SH	SOLE	1	122,465	0	0
HASBRO INC	COM	418056107	15,897	188,581	SH	SOLE	1	188,581	0	0
HAVERTY FURNITURE	COM	419596101	242	12,014	SH	SOLE	1	12,014	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	7,485	217,727	SH	SOLE	1	217,727	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	1,255	32,428	SH	SOLE	1	32,428	0	0
HAWAIIAN TELCOM HOLDCO INC	COM	420031106	102	3,819	SH	SOLE	1	3,819	0	0
HAWKINS INC	COM	420261109	217	6,164	SH	SOLE	1	6,164	0	0
HAYNES INTERNATIONAL INC	COM	420877201	294	7,933	SH	SOLE	1	7,933	0	0
HC2 HOLDINGS INC	COM	404139107	140	26,587	SH	SOLE	1	26,587	0	0
HCA HEALTHCARE INC	COM	40412C101	10,698	110,290	SH	SOLE	1	110,290	0	0
HCI GROUP INC	COM	40416E103	192	5,029	SH	SOLE	1	5,029	0	0
HCP INC	COM	40414L109	5,289	227,699	SH	SOLE	1	227,699	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	294	7,752	SH	SOLE	1	7,752	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	218	7,546	SH	SOLE	1	7,546	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,025	325,697	SH	SOLE	1	325,697	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	8,323	191,422	SH	SOLE	1	191,422	0	0

HEALTHCARE TRUST OF AME CL A	COM	42225P501	112	4,246	SH	SOLE	1	4,246	0	0
HEALTHEQUITY INC	COM	42226A107	1,954	32,272	SH	SOLE	1	32,272	0	0
HEALTHSTREAM INC	COM	42222N103	409	16,484	SH	SOLE	1	16,484	0	0
HEARTLAND EXPRESS INC	COM	422347104	544	30,234	SH	SOLE	1	30,234	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	833	15,701	SH	SOLE	1	15,701	0	0
HECLA MINING CO	COM	422704106	925	252,043	SH	SOLE	1	252,043	0	0
HEICO CORP	COM	422806109	61	699	SH	SOLE	1	699	0	0
HEICO CORP CLASS A	COM	422806208	98	1,377	SH	SOLE	1	1,377	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	367	11,732	SH	SOLE	1	11,732	0	0
HELEN OF TROY LTD	COM	G4388N106	6,161	70,818	SH	SOLE	1	70,818	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	521	89,932	SH	SOLE	1	89,932	0	0
HELMERICH & PAYNE	COM	423452101	2,662	39,998	SH	SOLE	1	39,998	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	104	9,268	SH	SOLE	1	9,268	0	0
Hemisphere Media Group Inc	COM	42365Q103	10,892	968,149	SH	SOLE	2	968,149	0	0
HENRY SCHEIN INC	COM	806407102	4,154	61,805	SH	SOLE	1	61,805	0	0
HERBALIFE LTD	COM	G4412G101	143	1,464	SH	SOLE	1	1,464	0	0
HERC HOLDINGS INC	COM	42704L104	1,006	15,487	SH	SOLE	1	15,487	0	0
HERITAGE COMMERCE CORP	COM	426927109	381	23,146	SH	SOLE	1	23,146	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	217	9,205	SH	SOLE	1	9,205	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	576	18,818	SH	SOLE	1	18,818	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	210	13,833	SH	SOLE	1	13,833	0	0
HERMAN MILLER INC	COM	600544100	4,993	156,282	SH	SOLE	1	156,282	0	0
HERON THERAPEUTICS INC	COM	427746102	958	34,709	SH	SOLE	1	34,709	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	444	24,809	SH	SOLE	1	24,809	0	0
HERSHEY CO/THE	COM	427866108	16,516	166,893	SH	SOLE	1	166,893	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	695	34,989	SH	SOLE	1	34,989	0	0
HESKA CORP	COM	42805E306	332	4,198	SH	SOLE	1	4,198	0	0
HESS CORP	COM	42809H107	7,153	141,302	SH	SOLE	1	141,302	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	10,509	599,125	SH	SOLE	1	599,125	0	0
HEXCEL CORP	COM	428291108	128	1,986	SH	SOLE	1	1,986	0	0
HFF INC CLASS A	COM	40418F108	1,168	23,496	SH	SOLE	1	23,496	0	0
HIBBETT SPORTS INC	COM	428567101	293	12,235	SH	SOLE	1	12,235	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	323	63,537	SH	SOLE	1	63,537	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	9,053	206,588	SH	SOLE	1	206,588	0	0

HILL INTERNATIONAL INC	COM	431466101	124	21,812	SH	SOLE	1	21,812	0	0
HILL ROM HOLDINGS INC	COM	431475102	11,527	132,493	SH	SOLE	1	132,493	0	0
HILLENBRAND INC	COM	431571108	1,859	40,494	SH	SOLE	1	40,494	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,100	46,879	SH	SOLE	1	46,879	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	90	2,082	SH	SOLE	1	2,082	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	5,433	68,976	SH	SOLE	1	68,976	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	171	829	SH	SOLE	1	829	0	0
HMS HOLDINGS CORP	COM	40425J101	903	53,625	SH	SOLE	1	53,625	0	0
HNI CORP	COM	404251100	4,090	113,319	SH	SOLE	1	113,319	0	0
HOLLYFRONTIER CORP	COM	436106108	18,972	388,283	SH	SOLE	1	388,283	0	0
HOLOGIC INC	COM	436440101	4,010	107,324	SH	SOLE	1	107,324	0	0
HOME BANCORP INC	COM	43689E107	181	4,194	SH	SOLE	1	4,194	0	0
HOME BANCSHARES INC	COM	436893200	9,436	413,671	SH	SOLE	1	413,671	0	0
HOME DEPOT INC	COM	437076102	65,548	367,752	SH	SOLE	1	367,752	0	0
HOMESTREET INC	COM	43785V102	494	17,259	SH	SOLE	1	17,259	0	0
HOMETRUST BANCSHARES INC	COM	437872104	278	10,664	SH	SOLE	1	10,664	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	38,924	269,352	SH	SOLE	1	269,352	0	0
HOOKER FURNITURE CORP	COM	439038100	271	7,377	SH	SOLE	1	7,377	0	0
HOPE BANCORP INC	COM	43940T109	2,928	160,991	SH	SOLE	1	160,991	0	0
HORACE MANN EDUCATORS	COM	440327104	1,118	26,145	SH	SOLE	1	26,145	0	0
HORIZON BANCORP INDIANA	COM	440407104	441	14,685	SH	SOLE	1	14,685	0	0
HORIZON GLOBAL CORP	COM	44052W104	131	15,902	SH	SOLE	1	15,902	0	0
HORIZON PHARMA PLC	COM	G4617B105	1,482	104,383	SH	SOLE	1	104,383	0	0
HORMEL FOODS CORP	COM	440452100	4,233	123,340	SH	SOLE	1	123,340	0	0
HORTONWORKS INC	COM	440894103	673	33,024	SH	SOLE	1	33,024	0	0
HOSPITALITY PROPERTIES TRUST	COM	44106M102	8,330	328,741	SH	SOLE	1	328,741	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	6,440	345,513	SH	SOLE	1	345,513	0	0
HOSTESS BRANDS INC	COM	44109J106	757	51,176	SH	SOLE	1	51,176	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	460	66,130	SH	SOLE	1	66,130	0	0
HOULIHAN LOKEY INC	COM	441593100	763	17,117	SH	SOLE	1	17,117	0	0
HOVNANIAN ENTERPRISES A	COM	442487203	145	78,995	SH	SOLE	1	78,995	0	0
HOWARD BANCORP INC	COM	442496105	111	5,629	SH	SOLE	1	5,629	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	107	767	SH	SOLE	1	767	0	0
HP INC	COM	40434L105	503,287	22,960,159	SH	SOLE	1	22,960,159	0	0
HRG GROUP INC	COM	40434J100	1,254	76,052	SH	SOLE	1	76,052	0	0
HUB GROUP INC CL A	COM	443320106	873	20,868	SH	SOLE	1	20,868	0	0

HUBBELL INC	COM	443510607	13,335	109,498	SH	SOLE	1	109,498	0	0
HUBSPOT INC	COM	443573100	2,414	22,288	SH	SOLE	1	22,288	0	0
HUDSON LTD CLASS A	COM	G46408103	405	25,460	SH	SOLE	1	25,460	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	107	3,301	SH	SOLE	1	3,301	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	117	23,730	SH	SOLE	1	23,730	0	0
HUMANA INC	COM	444859102	14,870	55,312	SH	SOLE	1	55,312	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,531	38,678	SH	SOLE	1	38,678	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,298	417,066	SH	SOLE	1	417,066	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,930	15,245	SH	SOLE	1	15,245	0	0
HUNTSMAN CORP	COM	447011107	128	4,389	SH	SOLE	1	4,389	0	0
HURCO COMPANIES INC	COM	447324104	182	3,963	SH	SOLE	1	3,963	0	0
HURON CONSULTING GROUP INC	COM	447462102	534	14,016	SH	SOLE	1	14,016	0	0
HUTTIG BUILDING PRODUCTS INC	COM	448451104	80	15,230	SH	SOLE	1	15,230	0	0
HYATT HOTELS CORP CL A	COM	448579102	73	959	SH	SOLE	1	959	0	0
HYSTER YALE MATERIALS	COM	449172105	462	6,602	SH	SOLE	1	6,602	0	0
IAC/INTERACTIVECORP	COM	44919P508	494	3,161	SH	SOLE	1	3,161	0	0
IBERIABANK CORP	COM	450828108	2,523	32,344	SH	SOLE	1	32,344	0	0
ICF INTERNATIONAL INC	COM	44925C103	670	11,463	SH	SOLE	1	11,463	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	289	11,918	SH	SOLE	1	11,918	0	0
ICONIX BRAND GROUP INC	COM	451055107	36	32,005	SH	SOLE	1	32,005	0	0
ICU MEDICAL INC	COM	44930G107	10,012	39,667	SH	SOLE	1	39,667	0	0
IDACORP INC	COM	451107106	11,658	132,069	SH	SOLE	1	132,069	0	0
IDERA PHARMACEUTICALS INC	COM	45168K306	166	90,176	SH	SOLE	1	90,176	0	0
IDEX CORP	COM	45167R104	21,839	153,243	SH	SOLE	1	153,243	0	0
IDEXX LABORATORIES INC	COM	45168D104	6,483	33,873	SH	SOLE	1	33,873	0	0
IDT CORP CLASS B	COM	448947507	70	11,119	SH	SOLE	1	11,119	0	0
IES HOLDINGS INC	COM	44951W106	84	5,543	SH	SOLE	1	5,543	0	0
IHS MARKIT LTD	COM	G47567105	7,245	150,195	SH	SOLE	1	150,195	0	0
II VI INC	COM	902104108	1,570	38,398	SH	SOLE	1	38,398	0	0
ILG INC	COM	44967H101	8,618	277,012	SH	SOLE	1	277,012	0	0
ILLINOIS TOOL WORKS	COM	452308109	20,308	129,629	SH	SOLE	1	129,629	0	0
ILLUMINA INC	COM	452327109	15,251	64,510	SH	SOLE	1	64,510	0	0
IMAX CORP	COM	45245E109	688	35,846	SH	SOLE	1	35,846	0	0
IMMERSION CORPORATION	COM	452521107	222	18,615	SH	SOLE	1	18,615	0	0
IMMUNE DESIGN CORP	COM	45252L103	68	20,486	SH	SOLE	1	20,486	0	0

IMMUNOGEN INC	COM	45253H101	672	63,848	SH	SOLE	1	63,848	0	0
IMMUNOMEDICS INC	COM	452907108	955	65,343	SH	SOLE	1	65,343	0	0
IMPAC MORTGAGE HOLDINGS INC	COM	45254P508	49	6,201	SH	SOLE	1	6,201	0	0
IMPAX LABORATORIES INC	COM	45256B101	913	46,929	SH	SOLE	1	46,929	0	0
IMPERVA INC	COM	45321L100	942	21,762	SH	SOLE	1	21,762	0	0
IMPINJ INC	COM	453204109	152	11,642	SH	SOLE	1	11,642	0	0
INCYTE CORP	COM	45337C102	6,499	77,997	SH	SOLE	1	77,997	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	83	21,908	SH	SOLE	1	21,908	0	0
INDEPENDENCE HOLDING CO	COM	453440307	137	3,844	SH	SOLE	1	3,844	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	492	53,631	SH	SOLE	1	53,631	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	297	12,990	SH	SOLE	1	12,990	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,238	17,301	SH	SOLE	1	17,301	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	900	12,730	SH	SOLE	1	12,730	0	0
INDUSTRIAL LOGISTICS PROPERT	COM	456237106	263	12,919	SH	SOLE	1	12,919	0	0
INFINERA CORP	COM	45667G103	1,024	94,317	SH	SOLE	1	94,317	0	0
INFINITY PROPERTY & CASUALTY	COM	45665Q103	807	6,817	SH	SOLE	1	6,817	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	87	20,721	SH	SOLE	1	20,721	0	0
INFRAREIT INC	COM	45685L100	527	27,143	SH	SOLE	1	27,143	0	0
INGERSOLL RAND PLC	COM	G47791101	9,380	109,700	SH	SOLE	1	109,700	0	0
INGEVITY CORP	COM	45688C107	2,005	27,202	SH	SOLE	1	27,202	0	0
INGLES MARKETS INC CLASS A	COM	457030104	305	9,008	SH	SOLE	1	9,008	0	0
INGREDION INC	COM	457187102	18,864	146,325	SH	SOLE	1	146,325	0	0
INNERWORKINGS INC	COM	45773Y105	266	29,443	SH	SOLE	1	29,443	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	497	12,372	SH	SOLE	1	12,372	0	0
INNOSPEC INC	COM	45768S105	1,051	15,324	SH	SOLE	1	15,324	0	0
INNOVIVA INC	COM	45781M101	799	47,936	SH	SOLE	1	47,936	0	0
INOGEN INC	COM	45780L104	1,356	11,036	SH	SOLE	1	11,036	0	0
INOVALON HOLDINGS INC A	COM	45781D101	434	40,981	SH	SOLE	1	40,981	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	245	52,073	SH	SOLE	1	52,073	0	0
INPHI CORP	COM	45772F107	809	26,867	SH	SOLE	1	26,867	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	796	22,776	SH	SOLE	1	22,776	0	0
INSMED INC	COM	457669307	1,101	48,909	SH	SOLE	1	48,909	0	0
INSPERITY INC	COM	45778Q107	1,612	23,179	SH	SOLE	1	23,179	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	34	6,164	SH	SOLE	1	6,164	0	0

INSTALLED BUILDING PRODUCTS	COM	45780R101	828	13,795	SH	SOLE	1	13,795	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	321	11,634	SH	SOLE	1	11,634	0	0
INSTRUCTURE INC	COM	45781U103	590	13,992	SH	SOLE	1	13,992	0	0
INSULET CORP	COM	45784P101	3,222	37,170	SH	SOLE	1	37,170	0	0
INSYS THERAPEUTICS INC	COM	45824V209	94	15,609	SH	SOLE	1	15,609	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,134	20,061	SH	SOLE	1	20,061	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	2,251	40,676	SH	SOLE	1	40,676	0	0
INTEGRATED DEVICE TECH INC	COM	458118106	10,625	347,663	SH	SOLE	1	347,663	0	0
INTEL CORP	COM	458140100	119,062	2,286,143	SH	SOLE	1	2,286,143	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	225	10,654	SH	SOLE	1	10,654	0	0
INTELSAT SA	COM	L5140P101	87	23,192	SH	SOLE	1	23,192	0	0
INTER PARFUMS INC	COM	458334109	521	11,059	SH	SOLE	1	11,059	0	0
INTERACTIVE BROKERS GRO CL A	COM	45841N107	9,611	142,940	SH	SOLE	1	142,940	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	25	409	SH	SOLE	1	409	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	16,494	227,434	SH	SOLE	1	227,434	0	0
INTERDIGITAL INC	COM	45867G101	6,675	90,691	SH	SOLE	1	90,691	0	0
INTERFACE INC	COM	458665304	962	38,178	SH	SOLE	1	38,178	0	0
INTERNAP CORP	COM	45885A409	143	12,964	SH	SOLE	1	12,964	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,536	142,311	SH	SOLE	1	142,311	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	60	2,259	SH	SOLE	1	2,259	0	0
INTERNATIONAL PAPER CO	COM	460146103	10,049	188,078	SH	SOLE	1	188,078	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	331	18,808	SH	SOLE	1	18,808	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	4,074	176,896	SH	SOLE	1	176,896	0	0
INTERSECT ENT INC	COM	46071F103	668	16,998	SH	SOLE	1	16,998	0	0
INTEVAC INC	COM	461148108	88	12,791	SH	SOLE	1	12,791	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	531,614	3,464,865	SH	SOLE	1	3,464,865	0	0
INTL FCSTONE INC	COM	46116V105	413	9,686	SH	SOLE	1	9,686	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	4,347	31,751	SH	SOLE	1	31,751	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,821	63,960	SH	SOLE	1	63,960	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	571	27,130	SH	SOLE	1	27,130	0	0
INTREPID POTASH INC	COM	46121Y102	223	61,343	SH	SOLE	1	61,343	0	0
INTREXON CORP	COM	46122T102	22	1,429	SH	SOLE	1	1,429	0	0
INTUIT INC	COM	461202103	18,871	108,858	SH	SOLE	1	108,858	0	0

INTUITIVE SURGICAL INC	COM	46120E602	16,976	41,121	SH	SOLE	1	41,121	0	0
INVACARE CORP	COM	461203101	362	20,812	SH	SOLE	1	20,812	0	0
INVESCO LTD	COM	G491BT108	5,273	164,726	SH	SOLE	1	164,726	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,178	71,903	SH	SOLE	1	71,903	0	0
INVESTAR HOLDING CORP	COM	46134L105	135	5,225	SH	SOLE	1	5,225	0	0
INVESTMENT TECHNOLOGY GROUP	COM	46145F105	415	21,015	SH	SOLE	1	21,015	0	0
INVESTORS BANCORP INC	COM	46146L101	2,231	163,579	SH	SOLE	1	163,579	0	0
INVESTORS REAL ESTATE TRUST	COM	461730103	400	77,102	SH	SOLE	1	77,102	0	0
INVESTORS TITLE CO	COM	461804106	187	936	SH	SOLE	1	936	0	0
INVITAE CORP	COM	46185L103	128	27,246	SH	SOLE	1	27,246	0	0
INVITATION HOMES INC	COM	46187W107	140	6,136	SH	SOLE	1	6,136	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	124	2,817	SH	SOLE	1	2,817	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	796	47,114	SH	SOLE	1	47,114	0	0
IPG PHOTONICS CORP	COM	44980X109	3,226	13,825	SH	SOLE	1	13,825	0	0
IQVIA HOLDINGS INC	COM	46266C105	5,125	52,240	SH	SOLE	1	52,240	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	574	9,117	SH	SOLE	1	9,117	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	603	53,582	SH	SOLE	1	53,582	0	0
IROBOT CORP	COM	462726100	1,104	17,200	SH	SOLE	1	17,200	0	0
IRON MOUNTAIN INC	COM	46284V101	3,284	99,949	SH	SOLE	1	99,949	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,328	86,090	SH	SOLE	1	86,090	0	0
ISHARES 1 3 YEAR TREASURY BOND	1-3 YR TR BD	464287457	2,524	30,200	SH	SOLE	1	30,200	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TR BD	464288653	212	1,600	SH	SOLE	1	1,600	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD	464287432	1,292	10,600	SH	SOLE	1	10,600	0	0
ISHARES 3 7 YEAR TREASURY BOND	3-7 YR TR BD	464288661	2,762	22,900	SH	SOLE	1	22,900	0	0
ISHARES 7 10 YEAR TREASURY BON	7-10 YR TR BD	464287440	764	7,400	SH	SOLE	1	7,400	0	0
ISHARES CORE S&P 500 ETF	CORE S&P 500	464287200	51,906	195,600	SH	SOLE	1	195,600	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV GRA	464287242	4,226	36,000	SH	SOLE	1	36,000	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE	464287465	57,817	829,750	SH	SOLE	1	829,750	0	0
ISHARES RUSSELL 2000 ETF	RUSS 2000	464287655	8,040	52,954	SH	SOLE	1	52,954	0	0
ISHARES RUSSELL MID CAP GROWTH	RUSS MID CAP	464287481	2,404	19,554	SH	SOLE	1	19,554	0	0
ISHARES RUSSELL MID CAP VALUE	RUSS MID VAL	464287473	2,075	24,012	SH	SOLE	1	24,012	0	0
ISHARES S&P 500 GROWTH ETF	GRW S&P 500	464287309	3,594	23,175	SH	SOLE	1	23,175	0	0

ISHARES S&P 500 VALUE ETF	VAL S&P 500	464287408	4,788	43,788	SH	SOLE	1	43,788	0	0
ISRAMCO INC	COM	465141406	49	469	SH	SOLE	1	469	0	0
ISTAR INC	COM	45031U101	428	42,104	SH	SOLE	1	42,104	0	0
ITERIS INC	COM	46564T107	81	16,271	SH	SOLE	1	16,271	0	0
ITRON INC	COM	465741106	1,564	21,854	SH	SOLE	1	21,854	0	0
ITT INC	COM	45073V108	8,624	176,062	SH	SOLE	1	176,062	0	0
J & J SNACK FOODS CORP	COM	466032109	1,316	9,634	SH	SOLE	1	9,634	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	94	8,237	SH	SOLE	1	8,237	0	0
J. JILL INC	COM	46620W102	40	9,160	SH	SOLE	1	9,160	0	0
J.C. PENNEY CO INC	COM	708160106	599	198,371	SH	SOLE	1	198,371	0	0
J2 GLOBAL INC	COM	48123V102	10,015	126,904	SH	SOLE	1	126,904	0	0
JABIL INC	COM	466313103	10,070	350,507	SH	SOLE	1	350,507	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	18,713	154,717	SH	SOLE	1	154,717	0	0
JACK IN THE BOX INC	COM	466367109	6,595	77,288	SH	SOLE	1	77,288	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	2,449	41,397	SH	SOLE	1	41,397	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	518	36,660	SH	SOLE	1	36,660	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	579	16,323	SH	SOLE	1	16,323	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	11,815	357,064	SH	SOLE	1	357,064	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	277	1,834	SH	SOLE	1	1,834	0	0
JBG SMITH PROPERTIES	COM	46590V100	6,292	186,652	SH	SOLE	1	186,652	0	0
JD.COM INC ADR	ADR	47215P106	2,117	52,290	SH	SOLE	1	52,290	0	0
JELD WEN HOLDING INC	COM	47580P103	1,321	43,136	SH	SOLE	1	43,136	0	0
JERNIGAN CAPITAL INC	COM	476405105	153	8,428	SH	SOLE	1	8,428	0	0
JETBLUE AIRWAYS CORP	COM	477143101	13,083	643,863	SH	SOLE	1	643,863	0	0
JM SMUCKER CO/THE	COM	832696405	5,576	44,964	SH	SOLE	1	44,964	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	317	5,483	SH	SOLE	1	5,483	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,278	20,084	SH	SOLE	1	20,084	0	0
JOHNSON & JOHNSON	COM	478160104	129,407	1,009,808	SH	SOLE	1	1,009,808	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	15,404	437,130	SH	SOLE	1	437,130	0	0
JOHNSON OUTDOORS INC A	COM	479167108	192	3,093	SH	SOLE	1	3,093	0	0
JONES ENERGY INC A	COM	48019R108	26	32,386	SH	SOLE	1	32,386	0	0
JONES LANG LASALLE INC	COM	48020Q107	16,354	93,643	SH	SOLE	1	93,643	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	207	9,253	SH	SOLE	1	9,253	0	0
JPMORGAN CHASE & CO	COM	46625H100	123,958	1,127,197	SH	SOLE	1	1,127,197	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,079	126,540	SH	SOLE	1	126,540	0	0

K12 INC	COM	48273U102	349	24,604	SH	SOLE	1	24,604	0	0
K2M GROUP HOLDINGS INC	COM	48273J107	499	26,348	SH	SOLE	1	26,348	0	0
KADANT INC	COM	48282T104	655	6,936	SH	SOLE	1	6,936	0	0
KAISER ALUMINUM CORP	COM	483007704	1,069	10,594	SH	SOLE	1	10,594	0	0
KALA PHARMACEUTICALS INC	COM	483119103	144	9,119	SH	SOLE	1	9,119	0	0
KAMAN CORP	COM	483548103	1,097	17,666	SH	SOLE	1	17,666	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,037	36,751	SH	SOLE	1	36,751	0	0
KAPSTONE PAPER AND PACKAGING	COM	48562P103	1,908	55,600	SH	SOLE	1	55,600	0	0
KAR AUCTION SERVICES INC	COM	48238T109	855	15,773	SH	SOLE	1	15,773	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	305	22,713	SH	SOLE	1	22,713	0	0
KB HOME	COM	48666K109	6,302	221,502	SH	SOLE	1	221,502	0	0
KBR INC	COM	48242W106	5,952	367,617	SH	SOLE	1	367,617	0	0
KEANE GROUP INC	COM	48669A108	505	34,103	SH	SOLE	1	34,103	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	644	49,560	SH	SOLE	1	49,560	0	0
KELLOGG CO	COM	487836108	483,066	7,430,635	SH	SOLE	1	7,430,635	0	0
KELLY SERVICES INC A	COM	488152208	567	19,515	SH	SOLE	1	19,515	0	0
KEMET CORP	COM	488360207	642	35,421	SH	SOLE	1	35,421	0	0
KEMPER CORP	COM	488401100	6,961	122,130	SH	SOLE	1	122,130	0	0
KENNAMETAL INC	COM	489170100	8,573	213,480	SH	SOLE	1	213,480	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,347	77,403	SH	SOLE	1	77,403	0	0
KERYX BIOPHARMACEUTICALS	COM	492515101	234	57,249	SH	SOLE	1	57,249	0	0
KEY ENERGY SERVICES INC	COM	49309J103	77	6,595	SH	SOLE	1	6,595	0	0
KEYCORP	COM	493267108	8,377	428,512	SH	SOLE	1	428,512	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	19,910	380,042	SH	SOLE	1	380,042	0	0
KEYW HOLDING CORP/THE	COM	493723100	242	30,811	SH	SOLE	1	30,811	0	0
KFORCE INC	COM	493732101	401	14,818	SH	SOLE	1	14,818	0	0
KILROY REALTY CORP	COM	49427F108	14,011	197,447	SH	SOLE	1	197,447	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	270	16,697	SH	SOLE	1	16,697	0	0
KIMBALL INTERNATIONAL B	COM	494274103	397	23,312	SH	SOLE	1	23,312	0	0
KIMBERLY CLARK CORP	COM	494368103	480,594	4,363,879	SH	SOLE	1	4,363,879	0	0
KIMCO REALTY CORP	COM	49446R109	2,099	145,748	SH	SOLE	1	145,748	0	0
KINDER MORGAN INC	COM	49456B101	11,070	735,038	SH	SOLE	1	735,038	0	0
KINDRED BIOSCIENCES INC	COM	494577109	141	16,262	SH	SOLE	1	16,262	0	0
KINDRED HEALTHCARE INC	COM	494580103	498	54,470	SH	SOLE	1	54,470	0	0

KINGSTONE COS INC	COM	496719105	97	5,799	SH	SOLE	1	5,799	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	475	9,248	SH	SOLE	1	9,248	0	0
KIRBY CORP	COM	497266106	8,270	107,474	SH	SOLE	1	107,474	0	0
KIRKLAND S INC	COM	497498105	95	9,794	SH	SOLE	1	9,794	0	0
KITE REALTY GROUP TRUST	COM	49803T300	807	52,958	SH	SOLE	1	52,958	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	199	9,896	SH	SOLE	1	9,896	0	0
KLA TENCOR CORP	COM	482480100	8,717	79,968	SH	SOLE	1	79,968	0	0
KLONDEX MINES LTD	COM	498696103	268	113,927	SH	SOLE	1	113,927	0	0
KLX INC	COM	482539103	9,375	131,929	SH	SOLE	1	131,929	0	0
KMG CHEMICALS INC	COM	482564101	502	8,373	SH	SOLE	1	8,373	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	15,378	334,225	SH	SOLE	1	334,225	0	0
KNOLL INC	COM	498904200	624	30,921	SH	SOLE	1	30,921	0	0
KNOWLES CORP	COM	49926D109	2,938	233,375	SH	SOLE	1	233,375	0	0
KOHL S CORP	COM	500255104	7,155	109,223	SH	SOLE	1	109,223	0	0
KOPIN CORP	COM	500600101	123	39,363	SH	SOLE	1	39,363	0	0
KOPPERS HOLDINGS INC	COM	50060P106	542	13,193	SH	SOLE	1	13,193	0	0
KORN/FERRY INTERNATIONAL	COM	500643200	1,735	33,634	SH	SOLE	1	33,634	0	0
KOSMOS ENERGY LTD	COM	G5315B107	30	4,829	SH	SOLE	1	4,829	0	0
KRAFT HEINZ CO/THE	COM	500754106	380,556	6,109,428	SH	SOLE	1	6,109,428	0	0
KRATON CORP	COM	50077C106	914	19,167	SH	SOLE	1	19,167	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	563	54,740	SH	SOLE	1	54,740	0	0
KROGER CO	COM	501044101	10,560	441,092	SH	SOLE	1	441,092	0	0
KRONOS WORLDWIDE INC	COM	50105F105	328	14,504	SH	SOLE	1	14,504	0	0
KURA ONCOLOGY INC	COM	50127T109	258	13,754	SH	SOLE	1	13,754	0	0
KVH INDUSTRIES INC	COM	482738101	103	9,956	SH	SOLE	1	9,956	0	0
L BRANDS INC	COM	501797104	395,681	10,355,425	SH	SOLE	1	10,355,425	0	0
L3 TECHNOLOGIES INC	COM	502413107	5,581	26,832	SH	SOLE	1	26,832	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	333	11,176	SH	SOLE	1	11,176	0	0
LA QUINTA HOLDINGS INC	COM	50420D108	987	52,170	SH	SOLE	1	52,170	0	0
LA Z BOY INC	COM	505336107	896	29,933	SH	SOLE	1	29,933	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	7,138	44,129	SH	SOLE	1	44,129	0	0
LADDER CAPITAL CORP REIT	COM	505743104	761	50,448	SH	SOLE	1	50,448	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	215	65,824	SH	SOLE	1	65,824	0	0
LAKELAND BANCORP INC	COM	511637100	570	28,695	SH	SOLE	1	28,695	0	0
LAKELAND FINANCIAL CORP	COM	511656100	714	15,448	SH	SOLE	1	15,448	0	0
LAM RESEARCH CORP	COM	512807108	14,006	68,941	SH	SOLE	1	68,941	0	0

LAMAR ADVERTISING CO A	COM	512816109	10,685	167,842	SH	SOLE	1	167,842	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	17,029	292,490	SH	SOLE	1	292,490	0	0
LANCASTER COLONY CORP	COM	513847103	6,232	50,611	SH	SOLE	1	50,611	0	0
LANDEC CORP	COM	514766104	224	17,177	SH	SOLE	1	17,177	0	0
LANDS END INC	COM	51509F105	198	8,491	SH	SOLE	1	8,491	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,219	84,079	SH	SOLE	1	84,079	0	0
LANNETT CO INC	COM	516012101	292	18,205	SH	SOLE	1	18,205	0	0
LANTHEUS HOLDINGS INC	COM	516544103	310	19,502	SH	SOLE	1	19,502	0	0
LAREDO PETROLEUM INC	COM	516806106	32	3,698	SH	SOLE	1	3,698	0	0
LAS VEGAS SANDS CORP	COM	517834107	1,132	15,749	SH	SOLE	1	15,749	0	0
LASALLE HOTEL PROPERTIES	COM	517942108	8,614	296,923	SH	SOLE	1	296,923	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	437	78,502	SH	SOLE	1	78,502	0	0
LAUREATE EDUCATION INC A	COM	518613203	486	35,363	SH	SOLE	1	35,363	0	0
LAWSON PRODUCTS INC	COM	520776105	104	4,116	SH	SOLE	1	4,116	0	0
LAYNE CHRISTENSEN COMPANY	COM	521050104	172	11,540	SH	SOLE	1	11,540	0	0
LAZARD LTD CL A	COM	G54050102	1,025	19,499	SH	SOLE	1	19,499	0	0
LCI INDUSTRIES	COM	50189K103	1,615	15,502	SH	SOLE	1	15,502	0	0
LCNB CORPORATION	COM	50181P100	108	5,669	SH	SOLE	1	5,669	0	0
LEAF GROUP LTD	COM	52177G102	64	9,096	SH	SOLE	1	9,096	0	0
LEAR CORP	COM	521865204	2,387	12,829	SH	SOLE	1	12,829	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,294	30,222	SH	SOLE	1	30,222	0	0
LEGG MASON INC	COM	524901105	9,097	223,797	SH	SOLE	1	223,797	0	0
LEGGETT & PLATT INC	COM	524660107	2,022	45,580	SH	SOLE	1	45,580	0	0
LEIDOS HOLDINGS INC	COM	525327102	18,627	284,814	SH	SOLE	1	284,814	0	0
LEMAITRE VASCULAR INC	COM	525558201	352	9,715	SH	SOLE	1	9,715	0	0
LENDINGCLUB CORP	COM	52603A109	731	208,903	SH	SOLE	1	208,903	0	0
LENDINGTREE INC	COM	52603B107	6,348	19,344	SH	SOLE	1	19,344	0	0
LENNAR CORP B SHS	COM	526057302	15	321	SH	SOLE	1	321	0	0
LENNAR CORP A	COM	526057104	5,381	91,292	SH	SOLE	1	91,292	0	0
LENNOX INTERNATIONAL INC	COM	526107107	15,388	75,297	SH	SOLE	1	75,297	0	0
LEUCADIA NATIONAL CORP	COM	527288104	4,205	184,979	SH	SOLE	1	184,979	0	0
Leucadia National Corporation	COM	527288104	6	263	SH	SOLE	2	263	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	236	27,546	SH	SOLE	1	27,546	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,090	138,535	SH	SOLE	1	138,535	0	0
LGI HOMES INC	COM	50187T106	780	11,054	SH	SOLE	1	11,054	0	0

LHC GROUP INC	COM	50187A107	620	10,064	SH	SOLE	1	10,064	0	0
LIBBEY INC	COM	529898108	69	14,016	SH	SOLE	1	14,016	0	0
LIBERTY BROADBAND A	COM	530307107	45	534	SH	SOLE	1	534	0	0
LIBERTY BROADBAND C	COM	530307305	187	2,177	SH	SOLE	1	2,177	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	45	1,152	SH	SOLE	1	1,152	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	1,212	39,837	SH	SOLE	1	39,837	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	579	18,491	SH	SOLE	1	18,491	0	0
LIBERTY INTERACTIVE CORP Q A	COM	53071M104	2,403	95,485	SH	SOLE	1	95,485	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	76	1,860	SH	SOLE	1	1,860	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	393	9,613	SH	SOLE	1	9,613	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	145	6,363	SH	SOLE	1	6,363	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	501	21,935	SH	SOLE	1	21,935	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	15	517	SH	SOLE	1	517	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	121	3,911	SH	SOLE	1	3,911	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	160	9,456	SH	SOLE	1	9,456	0	0
LIBERTY PROPERTY TRUST	COM	531172104	11,720	294,992	SH	SOLE	1	294,992	0	0
LIBERTY TAX INC	COM	53128T102	44	4,383	SH	SOLE	1	4,383	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	499	46,448	SH	SOLE	1	46,448	0	0
LIFE STORAGE INC	COM	53223X107	7,771	93,041	SH	SOLE	1	93,041	0	0
LIFEPOINT HEALTH INC	COM	53219L109	3,663	77,935	SH	SOLE	1	77,935	0	0
LIFETIME BRANDS INC	COM	53222Q103	79	6,333	SH	SOLE	1	6,333	0	0
LIFEWAY FOODS INC	COM	531914109	18	3,002	SH	SOLE	1	3,002	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	2,164	13,104	SH	SOLE	1	13,104	0	0
LILIS ENERGY INC	COM	532403201	109	27,347	SH	SOLE	1	27,347	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	241	58,635	SH	SOLE	1	58,635	0	0
LIMONEIRA CO	COM	532746104	183	7,727	SH	SOLE	1	7,727	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	11,109	123,497	SH	SOLE	1	123,497	0	0
LINCOLN NATIONAL CORP	COM	534187109	6,408	87,715	SH	SOLE	1	87,715	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	132	12,823	SH	SOLE	1	12,823	0	0
LINDSAY CORP	COM	535555106	613	6,703	SH	SOLE	1	6,703	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	30	1,168	SH	SOLE	1	1,168	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	55	2,280	SH	SOLE	1	2,280	0	0
LIQUIDITY SERVICES INC	COM	53635B107	108	16,602	SH	SOLE	1	16,602	0	0

LITHIA MOTORS INC CL A	COM	536797103	1,513	15,054	SH	SOLE	1	15,054	0	0
LITTELFUSE INC	COM	537008104	13,447	64,593	SH	SOLE	1	64,593	0	0
LIVANOVA PLC	COM	G5509L101	10,362	117,083	SH	SOLE	1	117,083	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	11,417	270,920	SH	SOLE	1	270,920	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	414	14,901	SH	SOLE	1	14,901	0	0
LIVEPERSON INC	COM	538146101	577	35,292	SH	SOLE	1	35,292	0	0
LKQ CORP	COM	501889208	4,363	114,964	SH	SOLE	1	114,964	0	0
LOCKHEED MARTIN CORP	COM	539830109	40,090	118,635	SH	SOLE	1	118,635	0	0
LOEWS CORP	COM	540424108	9,889	198,855	SH	SOLE	1	198,855	0	0
LOGMEIN INC	COM	54142L109	12,126	104,939	SH	SOLE	1	104,939	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	342	8,218	SH	SOLE	1	8,218	0	0
LOUISIANA PACIFIC CORP	COM	546347105	12,069	419,505	SH	SOLE	1	419,505	0	0
LOWE S COS INC	COM	548661107	28,718	327,272	SH	SOLE	1	327,272	0	0
LOXO ONCOLOGY INC	COM	548862101	1,686	14,612	SH	SOLE	1	14,612	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	123	2,015	SH	SOLE	1	2,015	0	0
LSB INDUSTRIES INC	COM	502160104	85	13,900	SH	SOLE	1	13,900	0	0
LSC COMMUNICATIONS INC	COM	50218P107	411	23,552	SH	SOLE	1	23,552	0	0
LSI INDUSTRIES INC	COM	50216C108	128	15,736	SH	SOLE	1	15,736	0	0
LTC PROPERTIES INC	COM	502175102	956	25,166	SH	SOLE	1	25,166	0	0
LULULEMON ATHLETICA INC	COM	550021109	194	2,182	SH	SOLE	1	2,182	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	430	17,989	SH	SOLE	1	17,989	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	2,522	39,525	SH	SOLE	1	39,525	0	0
LUMINEX CORP	COM	55027E102	550	26,082	SH	SOLE	1	26,082	0	0
LUTHER BURBANK CORP	COM	550550107	108	9,003	SH	SOLE	1	9,003	0	0
LYDALL INC	COM	550819106	515	10,680	SH	SOLE	1	10,680	0	0
LYONDELLBASELL INDU CL A	COM	N53745100	533,088	5,044,363	SH	SOLE	1	5,044,363	0	0
M & T BANK CORP	COM	55261F104	15,287	82,919	SH	SOLE	1	82,919	0	0
M/I HOMES INC	COM	55305B101	539	16,927	SH	SOLE	1	16,927	0	0
MACATAWA BANK CORP	COM	554225102	171	16,605	SH	SOLE	1	16,605	0	0
MACERICH CO/THE	COM	554382101	2,237	39,939	SH	SOLE	1	39,939	0	0
MACK CALI REALTY CORP	COM	554489104	3,949	236,346	SH	SOLE	1	236,346	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	430	25,932	SH	SOLE	1	25,932	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	62	1,673	SH	SOLE	1	1,673	0	0
MACROGENICS INC	COM	556099109	545	21,671	SH	SOLE	1	21,671	0	0
MACY S INC	COM	55616P104	704,281	23,681,286	SH	SOLE	1	23,681,286	0	0

MADISON SQUARE GARDEN CO A	COM	55825T103	96	389	SH	SOLE	1	389	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	353	3,022	SH	SOLE	1	3,022	0	0
MAGELLAN HEALTH INC	COM	559079207	1,650	15,408	SH	SOLE	1	15,408	0	0
MAIDEN HOLDINGS LTD	COM	G5753U112	291	44,823	SH	SOLE	1	44,823	0	0
MAINSOURCE FINANCIAL GROUP I	COM	56062Y102	642	15,798	SH	SOLE	1	15,798	0	0
MAJESCO	COM	56068V102	18	3,551	SH	SOLE	1	3,551	0	0
MALIBU BOATS INC A	COM	56117J100	437	13,167	SH	SOLE	1	13,167	0	0
MALLINCKRODT PLC	COM	G5785G107	2,504	172,920	SH	SOLE	1	172,920	0	0
MALVERN BANCORP INC	COM	561409103	107	4,108	SH	SOLE	1	4,108	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	165	5,144	SH	SOLE	1	5,144	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	5,699	136,091	SH	SOLE	1	136,091	0	0
MANITOWOC COMPANY INC	COM	563571405	580	20,383	SH	SOLE	1	20,383	0	0
MANPOWERGROUP INC	COM	56418H100	15,234	132,357	SH	SOLE	1	132,357	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	914	16,473	SH	SOLE	1	16,473	0	0
MANULIFE FINANCIAL CORP	COM	56501R957	586	31,548	SH	SOLE	1	31,548	0	0
MARATHON OIL CORP	COM	565849106	7,531	466,913	SH	SOLE	1	466,913	0	0
MARATHON PETROLEUM CORP	COM	56585A102	11,919	163,023	SH	SOLE	1	163,023	0	0
MARATHON PETROLEUM CORP	COM	56585AAF9	610	500,000	SH	SOLE	1	500,000	0	0
MARCUS & MILLICHAP INC	COM	566324109	370	10,250	SH	SOLE	1	10,250	0	0
MARCUS CORPORATION	COM	566330106	363	11,952	SH	SOLE	1	11,952	0	0
MARINE PRODUCTS CORP	COM	568427108	70	5,001	SH	SOLE	1	5,001	0	0
MARINEMAX INC	COM	567908108	263	13,542	SH	SOLE	1	13,542	0	0
MARKEL CORP	COM	570535104	926	791	SH	SOLE	1	791	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	16,361	75,243	SH	SOLE	1	75,243	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	159	5,616	SH	SOLE	1	5,616	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	15,391	113,187	SH	SOLE	1	113,187	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	1,823	13,686	SH	SOLE	1	13,686	0	0
MARSH & MCLENNAN COS	COM	571748102	15,138	183,288	SH	SOLE	1	183,288	0	0
MARTEN TRANSPORT LTD	COM	573075108	568	24,921	SH	SOLE	1	24,921	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	4,854	23,415	SH	SOLE	1	23,415	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	175	8,337	SH	SOLE	1	8,337	0	0
MASCO CORP	COM	574599106	6,094	150,701	SH	SOLE	1	150,701	0	0

MASIMO CORP	COM	574795100	10,793	122,717	SH	SOLE	1	122,717	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,113	18,148	SH	SOLE	1	18,148	0	0
MASTEC INC	COM	576323109	2,003	42,580	SH	SOLE	1	42,580	0	0
MASTERCARD INC A	COM	57636Q104	63,908	364,854	SH	SOLE	1	364,854	0	0
MATADOR RESOURCES CO	COM	576485205	7,616	254,632	SH	SOLE	1	254,632	0	0
MATCH GROUP INC	COM	57665R106	37	835	SH	SOLE	1	835	0	0
MATERION CORP	COM	576690101	650	12,740	SH	SOLE	1	12,740	0	0
MATINAS BIOPHARMA HOLDINGS I	COM	576810105	32	41,786	SH	SOLE	1	41,786	0	0
MATRIX SERVICE CO	COM	576853105	230	16,786	SH	SOLE	1	16,786	0	0
MATSON INC	COM	57686G105	772	26,969	SH	SOLE	1	26,969	0	0
MATTEL INC	COM	577081102	1,868	142,057	SH	SOLE	1	142,057	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	1,012	20,005	SH	SOLE	1	20,005	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	50	4,292	SH	SOLE	1	4,292	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	1,655	27,479	SH	SOLE	1	27,479	0	0
MAXIMUS INC	COM	577933104	11,358	170,188	SH	SOLE	1	170,188	0	0
MAXLINEAR INC	COM	57776J100	895	39,361	SH	SOLE	1	39,361	0	0
MAXWELL TECHNOLOGIES INC	COM	577767106	138	23,304	SH	SOLE	1	23,304	0	0
MB FINANCIAL INC	COM	55264U108	8,828	218,079	SH	SOLE	1	218,079	0	0
MBIA INC	COM	55262C100	526	56,842	SH	SOLE	1	56,842	0	0
MBT FINANCIAL CORP	COM	578877102	123	11,399	SH	SOLE	1	11,399	0	0
MCBC HOLDINGS INC	COM	55276F107	296	11,761	SH	SOLE	1	11,761	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	4,594	43,182	SH	SOLE	1	43,182	0	0
MCDERMOTT INTL INC	COM	580037109	1,103	181,099	SH	SOLE	1	181,099	0	0
MCDONALD S CORP	COM	580135101	49,336	315,486	SH	SOLE	1	315,486	0	0
MCGRATH RENTCORP	COM	580589109	804	14,979	SH	SOLE	1	14,979	0	0
MCKESSON CORP	COM	58155Q103	9,366	66,490	SH	SOLE	1	66,490	0	0
MDC HOLDINGS INC	COM	552676108	802	28,727	SH	SOLE	1	28,727	0	0
MDC PARTNERS INC A	COM	552697104	262	36,422	SH	SOLE	1	36,422	0	0
MDU RESOURCES GROUP INC	COM	552690109	11,002	390,688	SH	SOLE	1	390,688	0	0
MEDEQUITIES REALTY TRUST INC	COM	58409L306	193	18,324	SH	SOLE	1	18,324	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	9,484	729,524	SH	SOLE	1	729,524	0	0
MEDICINES COMPANY	COM	584688105	1,468	44,564	SH	SOLE	1	44,564	0	0
MEDICINOVA INC	COM	58468P206	253	24,790	SH	SOLE	1	24,790	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	9,629	153,306	SH	SOLE	1	153,306	0	0
MEDIFAST INC	COM	58470H101	633	6,775	SH	SOLE	1	6,775	0	0
MEDLEY MANAGEMENT INC A	COM	58503T106	19	3,355	SH	SOLE	1	3,355	0	0

MEDNAX INC	COM	58502B106	10,435	187,587	SH	SOLE	1	187,587	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	210	6,022	SH	SOLE	1	6,022	0	0
MEDTRONIC PLC	COM	G5960L103	34,437	429,280	SH	SOLE	1	429,280	0	0
MEET GROUP INC/THE	COM	58513U101	89	42,812	SH	SOLE	1	42,812	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	881	30,397	SH	SOLE	1	30,397	0	0
MELINTA THERAPEUTICS INC	COM	58549G100	72	9,669	SH	SOLE	1	9,669	0	0
MENLO THERAPEUTICS INC	COM	586858102	154	4,111	SH	SOLE	1	4,111	0	0
MERCADOLIBRE INC	COM	58733R102	1,097	3,079	SH	SOLE	1	3,079	0	0
MERCANTILE BANK CORP	COM	587376104	343	10,302	SH	SOLE	1	10,302	0	0
MERCHANTS BANCORP/IN	COM	58844R108	100	4,642	SH	SOLE	1	4,642	0	0
MERCK & CO. INC.	COM	58933Y105	494,709	9,082,224	SH	SOLE	1	9,082,224	0	0
MERCURY GENERAL CORP	COM	589400100	4,450	97,009	SH	SOLE	1	97,009	0	0
MERCURY SYSTEMS INC	COM	589378108	1,448	29,963	SH	SOLE	1	29,963	0	0
MEREDITH CORP	COM	589433101	5,582	103,750	SH	SOLE	1	103,750	0	0
MERIDIAN BANCORP INC	COM	58958U103	617	30,619	SH	SOLE	1	30,619	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	378	26,626	SH	SOLE	1	26,626	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,411	31,114	SH	SOLE	1	31,114	0	0
MERITAGE HOMES CORP	COM	59001A102	1,114	24,620	SH	SOLE	1	24,620	0	0
MERITOR INC	COM	59001K100	1,101	53,562	SH	SOLE	1	53,562	0	0
MERRIMACK PHARMACEUTICALS IN	COM	590328209	66	8,202	SH	SOLE	1	8,202	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	113	7,151	SH	SOLE	1	7,151	0	0
MESA LABORATORIES INC	COM	59064R109	308	2,075	SH	SOLE	1	2,075	0	0
META FINANCIAL GROUP INC	COM	59100U108	648	5,935	SH	SOLE	1	5,935	0	0
METHODE ELECTRONICS INC	COM	591520200	895	22,891	SH	SOLE	1	22,891	0	0
METLIFE INC	COM	59156R108	15,329	334,044	SH	SOLE	1	334,044	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	97	2,302	SH	SOLE	1	2,302	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	4,860	8,452	SH	SOLE	1	8,452	0	0
MFA FINANCIAL INC	COM	55272X102	62	8,252	SH	SOLE	1	8,252	0	0
MGE ENERGY INC	COM	55277P104	1,254	22,349	SH	SOLE	1	22,349	0	0
MGIC INVESTMENT CORP	COM	552848103	3,079	236,813	SH	SOLE	1	236,813	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	6,021	171,920	SH	SOLE	1	171,920	0	0
MGP INGREDIENTS INC	COM	55303J106	739	8,253	SH	SOLE	1	8,253	0	0
MICHAEL KORS HOLDINGS LTD	COM	G60754101	3,356	54,060	SH	SOLE	1	54,060	0	0

MICHAELS COS INC/THE	COM	59408Q106	4,363	221,336	SH	SOLE	1	221,336	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	9,658	105,718	SH	SOLE	1	105,718	0	0
MICRON TECHNOLOGY INC	COM	595112103	24,764	474,950	SH	SOLE	1	474,950	0	0
MICROSEMI CORP	COM	595137100	15,237	235,425	SH	SOLE	1	235,425	0	0
MICROSOFT CORP	COM	594918104	296,000	3,243,125	SH	SOLE	1	3,243,125	0	0
MICROSTRATEGY INC CL A	COM	594972408	783	6,074	SH	SOLE	1	6,074	0	0
MICROVISION INC	COM	594960304	57	50,313	SH	SOLE	1	50,313	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	3,712	40,683	SH	SOLE	1	40,683	0	0
MIDDLEBY CORP	COM	596278101	155	1,256	SH	SOLE	1	1,256	0	0
MIDDLEFIELD BANC CORP	COM	596304204	82	1,673	SH	SOLE	1	1,673	0	0
MIDDLESEX WATER CO	COM	596680108	373	10,163	SH	SOLE	1	10,163	0	0
MIDLAND STATES BANCORP INC	COM	597742105	313	9,912	SH	SOLE	1	9,912	0	0
MIDSOUTH BANCORP INC	COM	598039105	118	9,318	SH	SOLE	1	9,318	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	95	7,156	SH	SOLE	1	7,156	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	238	7,136	SH	SOLE	1	7,136	0	0
MILACRON HOLDINGS CORP	COM	59870L106	871	43,223	SH	SOLE	1	43,223	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	176	7,045	SH	SOLE	1	7,045	0	0
MIMEDX GROUP INC	COM	602496101	462	66,266	SH	SOLE	1	66,266	0	0
MINDBODY INC CLASS A	COM	60255W105	1,068	27,443	SH	SOLE	1	27,443	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	6,201	92,628	SH	SOLE	1	92,628	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	106	16,940	SH	SOLE	1	16,940	0	0
MIRAGEN THERAPEUTICS INC	COM	60463E103	76	10,897	SH	SOLE	1	10,897	0	0
MISTRAS GROUP INC	COM	60649T107	209	11,059	SH	SOLE	1	11,059	0	0
MITEK SYSTEMS INC	COM	606710200	153	20,622	SH	SOLE	1	20,622	0	0
MKS INSTRUMENTS INC	COM	55306N104	16,461	142,334	SH	SOLE	1	142,334	0	0
MOBILE MINI INC	COM	60740F105	1,223	28,108	SH	SOLE	1	28,108	0	0
MOBILEIRON INC	COM	60739U204	181	36,529	SH	SOLE	1	36,529	0	0
MODEL N INC	COM	607525102	274	15,181	SH	SOLE	1	15,181	0	0
MODINE MANUFACTURING CO	COM	607828100	668	31,603	SH	SOLE	1	31,603	0	0
MOELIS & CO CLASS A	COM	60786M105	1,015	19,968	SH	SOLE	1	19,968	0	0
MOHAWK INDUSTRIES INC	COM	608190104	6,059	26,090	SH	SOLE	1	26,090	0	0
MOLINA HEALTHCARE INC	COM	60855R100	9,783	120,515	SH	SOLE	1	120,515	0	0
MOLSON COORS BREWING CO B	COM	60871R209	4,761	63,202	SH	SOLE	1	63,202	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	877	48,329	SH	SOLE	1	48,329	0	0

MONARCH CASINO & RESORT INC	COM	609027107	296	6,996	SH	SOLE	1	6,996	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	24,161	578,985	SH	SOLE	1	578,985	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	160	18,611	SH	SOLE	1	18,611	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	714	47,503	SH	SOLE	1	47,503	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	11,839	102,262	SH	SOLE	1	102,262	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	597	26,594	SH	SOLE	1	26,594	0	0
MONRO INC	COM	610236101	1,087	20,287	SH	SOLE	1	20,287	0	0
MONSANTO CO	COM	61166W101	16,234	139,117	SH	SOLE	1	139,117	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,354	180,976	SH	SOLE	1	180,976	0	0
MOODY S CORP	COM	615369105	9,805	60,785	SH	SOLE	1	60,785	0	0
MOOG INC CLASS A	COM	615394202	1,680	20,380	SH	SOLE	1	20,380	0	0
MORGAN STANLEY	COM	617446448	23,991	444,598	SH	SOLE	1	444,598	0	0
MORNINGSTAR INC	COM	617700109	41	431	SH	SOLE	1	431	0	0
MOSAIC CO/THE	COM	61945C103	3,642	149,982	SH	SOLE	1	149,982	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	261	12,184	SH	SOLE	1	12,184	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	6,844	64,998	SH	SOLE	1	64,998	0	0
MOVADO GROUP INC	COM	624580106	373	9,708	SH	SOLE	1	9,708	0	0
MPLX LP	COM	55336VAC4	564	550,000	SH	SOLE	1	550,000	0	0
MRC GLOBAL INC	COM	55345K103	939	57,147	SH	SOLE	1	57,147	0	0
MSA SAFETY INC	COM	553498106	7,380	88,660	SH	SOLE	1	88,660	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	8,267	90,148	SH	SOLE	1	90,148	0	0
MSCI INC	COM	55354G100	27,274	182,472	SH	SOLE	1	182,472	0	0
MSG NETWORKS INC A	COM	553573106	866	38,306	SH	SOLE	1	38,306	0	0
MTGE INVESTMENT CORP	COM	55378A105	524	29,261	SH	SOLE	1	29,261	0	0
MTS SYSTEMS CORP	COM	553777103	590	11,429	SH	SOLE	1	11,429	0	0
MUELLER INDUSTRIES INC	COM	624756102	953	36,423	SH	SOLE	1	36,423	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,071	98,561	SH	SOLE	1	98,561	0	0
MULESOFT INC A	COM	625207105	684	15,546	SH	SOLE	1	15,546	0	0
MULTI COLOR CORP	COM	625383104	577	8,738	SH	SOLE	1	8,738	0	0
MURPHY OIL CORP	COM	626717102	8,386	324,540	SH	SOLE	1	324,540	0	0
MURPHY USA INC	COM	626755102	4,588	63,019	SH	SOLE	1	63,019	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	142	3,918	SH	SOLE	1	3,918	0	0
MYERS INDUSTRIES INC	COM	628464109	316	14,953	SH	SOLE	1	14,953	0	0
MYLAN NV	COM	N59465109	8,542	207,471	SH	SOLE	1	207,471	0	0
MYOKARDIA INC	COM	62857M105	612	12,549	SH	SOLE	1	12,549	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	315	10,217	SH	SOLE	1	10,217	0	0

MYRIAD GENETICS INC	COM	62855J104	1,233	41,741	SH	SOLE	1	41,741	0	0
N B T BANCORP INC	COM	628778102	968	27,289	SH	SOLE	1	27,289	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	4,411	631,102	SH	SOLE	1	631,102	0	0
NACCO INDUSTRIES CL A	COM	629579103	86	2,605	SH	SOLE	1	2,605	0	0
NANOMETRICS INC	COM	630077105	419	15,592	SH	SOLE	1	15,592	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	99	13,167	SH	SOLE	1	13,167	0	0
NANTHEALTH INC	COM	630104107	31	10,152	SH	SOLE	1	10,152	0	0
NANTKWEST INC	COM	63016Q102	73	18,882	SH	SOLE	1	18,882	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	89	7,612	SH	SOLE	1	7,612	0	0
NASDAQ INC	COM	631103108	3,963	45,960	SH	SOLE	1	45,960	0	0
NATERA INC	COM	632307104	189	20,410	SH	SOLE	1	20,410	0	0
NATHAN S FAMOUS INC	COM	632347100	134	1,820	SH	SOLE	1	1,820	0	0
NATIONAL BANK HOLD CL A	COM	633707104	529	15,910	SH	SOLE	1	15,910	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	195	4,329	SH	SOLE	1	4,329	0	0
NATIONAL BEVERAGE CORP	COM	635017106	668	7,508	SH	SOLE	1	7,508	0	0
NATIONAL CINEMEDIA INC	COM	635309107	205	39,567	SH	SOLE	1	39,567	0	0
NATIONAL COMMERCE CORP	COM	63546L102	334	7,675	SH	SOLE	1	7,675	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,826	171,536	SH	SOLE	1	171,536	0	0
NATIONAL GENERAL HLDGS	COM	636220303	763	31,395	SH	SOLE	1	31,395	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	428	7,175	SH	SOLE	1	7,175	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	10,891	215,369	SH	SOLE	1	215,369	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	7,038	191,211	SH	SOLE	1	191,211	0	0
NATIONAL PRESTO INDS INC	COM	637215104	297	3,171	SH	SOLE	1	3,171	0	0
NATIONAL RESEARCH CORP A	COM	637372202	177	6,051	SH	SOLE	1	6,051	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	12,087	307,858	SH	SOLE	1	307,858	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	807	32,191	SH	SOLE	1	32,191	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	630	19,487	SH	SOLE	1	19,487	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	441	1,448	SH	SOLE	1	1,448	0	0
NATIONSTAR MORTGAGE HOLDINGS	COM	63861C109	336	18,702	SH	SOLE	1	18,702	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,733	25,747	SH	SOLE	1	25,747	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	189	7,928	SH	SOLE	1	7,928	0	0

NATURAL GROCERS BY VITAMIN C	COM	63888U108	41	5,764	SH	SOLE	1	5,764	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	89	4,696	SH	SOLE	1	4,696	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	76	6,864	SH	SOLE	1	6,864	0	0
NATUS MEDICAL INC	COM	639050103	657	19,517	SH	SOLE	1	19,517	0	0
NAUTILUS INC	COM	63910B102	260	19,314	SH	SOLE	1	19,314	0	0
NAVIENT CORP	COM	63938C108	1,184	90,218	SH	SOLE	1	90,218	0	0
NAVIGANT CONSULTING INC	COM	63935N107	564	29,306	SH	SOLE	1	29,306	0	0
NAVIGATORS GROUP INC	COM	638904102	759	13,166	SH	SOLE	1	13,166	0	0
NAVIOS MARITIME ACQUISITION	COM	Y62159101	44	52,731	SH	SOLE	1	52,731	0	0
NAVIOS MARITIME HOLDINGS INC	COM	Y62196103	53	58,592	SH	SOLE	1	58,592	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,112	31,800	SH	SOLE	1	31,800	0	0
NCI BUILDING SYSTEMS INC	COM	628852204	484	27,336	SH	SOLE	1	27,336	0	0
NCR CORPORATION	COM	62886E108	7,475	237,139	SH	SOLE	1	237,139	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	102	6,781	SH	SOLE	1	6,781	0	0
NEENAH INC	COM	640079109	834	10,639	SH	SOLE	1	10,639	0	0
NEKTAR THERAPEUTICS	COM	640268108	15,512	145,979	SH	SOLE	1	145,979	0	0
NELNET INC CL A	COM	64031N108	639	12,189	SH	SOLE	1	12,189	0	0
NEOGEN CORP	COM	640491106	2,148	32,070	SH	SOLE	1	32,070	0	0
NEOGENOMICS INC	COM	64049M209	295	36,196	SH	SOLE	1	36,196	0	0
NEOPHOTONICS CORP	COM	64051T100	144	21,076	SH	SOLE	1	21,076	0	0
NEOS THERAPEUTICS INC	COM	64052L106	131	15,819	SH	SOLE	1	15,819	0	0
NETAPP INC	COM	64110D104	6,346	102,873	SH	SOLE	1	102,873	0	0
NETEASE INC ADR	ADR	64110W102	1,194	4,258	SH	SOLE	1	4,258	0	0
NETFLIX INC	COM	64110L106	53,195	180,108	SH	SOLE	1	180,108	0	0
NETGEAR INC	COM	64111Q104	1,144	20,004	SH	SOLE	1	20,004	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	5,974	226,715	SH	SOLE	1	226,715	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	168	2,021	SH	SOLE	1	2,021	0	0
NEVRO CORP	COM	64157F103	1,553	17,916	SH	SOLE	1	17,916	0	0
NEW HOME CO INC/THE	COM	645370107	87	7,894	SH	SOLE	1	7,894	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	9,188	229,126	SH	SOLE	1	229,126	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	560	32,701	SH	SOLE	1	32,701	0	0
NEW RELIC INC	COM	64829B100	1,449	19,550	SH	SOLE	1	19,550	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	114	6,949	SH	SOLE	1	6,949	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	429	52,493	SH	SOLE	1	52,493	0	0

NEW YORK COMMUNITY BANCORP	COM	649445103	12,932	992,457	SH	SOLE	1	992,457	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	423	71,264	SH	SOLE	1	71,264	0	0
NEW YORK TIMES CO A	COM	650111107	8,039	333,550	SH	SOLE	1	333,550	0	0
NEWELL BRANDS INC	COM	651229106	7,378	289,547	SH	SOLE	1	289,547	0	0
NEWFIELD EXPLORATION CO	COM	651290108	2,164	88,622	SH	SOLE	1	88,622	0	0
NEWLINK GENETICS CORP	COM	651511107	135	18,560	SH	SOLE	1	18,560	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	226	14,856	SH	SOLE	1	14,856	0	0
NEWMARKET CORP	COM	651587107	7,373	18,355	SH	SOLE	1	18,355	0	0
NEWMONT MINING CORP	COM	651639106	7,154	183,098	SH	SOLE	1	183,098	0	0
NEWPARK RESOURCES INC	COM	651718504	436	53,829	SH	SOLE	1	53,829	0	0
NEWS CORP CLASS A	COM	65249B109	4,928	311,899	SH	SOLE	1	311,899	0	0
NEWS CORP CLASS B	COM	65249B208	673	41,780	SH	SOLE	1	41,780	0	0
NEXEO SOLUTIONS INC	COM	65342H102	180	16,792	SH	SOLE	1	16,792	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	273	11,005	SH	SOLE	1	11,005	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	1,865	28,041	SH	SOLE	1	28,041	0	0
NEXTERA ENERGY INC	COM	65339F101	24,258	148,520	SH	SOLE	1	148,520	0	0
NI HOLDINGS INC	COM	65342T106	108	6,449	SH	SOLE	1	6,449	0	0
NIC INC	COM	62914B100	545	41,005	SH	SOLE	1	41,005	0	0
NICOLET BANKSHARES INC	COM	65406E102	311	5,647	SH	SOLE	1	5,647	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	14,901	468,742	SH	SOLE	1	468,742	0	0
NIKE INC CL B	COM	654106103	27,050	407,129	SH	SOLE	1	407,129	0	0
NINE ENERGY SERVICE INC	COM	65441V101	127	5,200	SH	SOLE	1	5,200	0	0
NISOURCE INC	COM	65473P105	3,913	163,655	SH	SOLE	1	163,655	0	0
NL INDUSTRIES	COM	629156407	42	5,342	SH	SOLE	1	5,342	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	603	36,443	SH	SOLE	1	36,443	0	0
NN INC	COM	629337106	416	17,319	SH	SOLE	1	17,319	0	0
NOBLE CORP PLC	COM	G65431101	579	156,157	SH	SOLE	1	156,157	0	0
NOBLE ENERGY INC	COM	655044105	6,052	199,750	SH	SOLE	1	199,750	0	0
NOODLES & CO	COM	65540B105	57	7,487	SH	SOLE	1	7,487	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	173	89,014	SH	SOLE	1	89,014	0	0
NORDSON CORP	COM	655663102	13,948	102,306	SH	SOLE	1	102,306	0	0
NORDSTROM INC	COM	655664100	2,635	54,427	SH	SOLE	1	54,427	0	0
NORFOLK SOUTHERN CORP	COM	655844108	15,053	110,864	SH	SOLE	1	110,864	0	0
NORTHEAST BANCORP	COM	663904209	97	4,742	SH	SOLE	1	4,742	0	0
NORTHERN TRUST CORP	COM	665859104	9,707	94,121	SH	SOLE	1	94,121	0	0
NORTHFIELD BANCORP INC	COM	66611T108	430	27,521	SH	SOLE	1	27,521	0	0

NORTHRIM BANCORP INC	COM	666762109	150	4,333	SH	SOLE	1	4,333	0	0
NORTHROP GRUMMAN CORP	COM	666807102	19,057	54,586	SH	SOLE	1	54,586	0	0
NORTHSTAR REALTY EUROPE CORP	COM	66706L101	453	34,812	SH	SOLE	1	34,812	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,002	60,529	SH	SOLE	1	60,529	0	0
NORTHWEST NATURAL GAS CO	COM	667655104	1,048	18,176	SH	SOLE	1	18,176	0	0
NORTHWEST PIPE CO	COM	667746101	105	6,097	SH	SOLE	1	6,097	0	0
NORTHWESTERN CORP	COM	668074305	6,970	129,553	SH	SOLE	1	129,553	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	3,602	68,002	SH	SOLE	1	68,002	0	0
NORWOOD FINANCIAL CORP	COM	669549107	110	3,663	SH	SOLE	1	3,663	0	0
NOVANTA INC	COM	67000B104	1,068	20,478	SH	SOLE	1	20,478	0	0
NOVARTIS CAPITAL CORP	COM	66989HAG3	806	800,000	SH	SOLE	1	800,000	0	0
NOVAVAX INC	COM	670002104	419	199,713	SH	SOLE	1	199,713	0	0
NOVELION THERAPEUTICS INC	COM	67001K202	34	9,670	SH	SOLE	1	9,670	0	0
Novelion Therapeutics Inc.	COM	67001K202	0	22	SH	SOLE	2	22	0	0
NOVOCURE LTD	COM	G6674U108	816	37,429	SH	SOLE	1	37,429	0	0
NOW INC	COM	67011P100	2,878	281,565	SH	SOLE	1	281,565	0	0
NRG ENERGY INC	COM	629377508	3,974	130,176	SH	SOLE	1	130,176	0	0
NRG YIELD INC CLASS A	COM	62942X306	367	22,294	SH	SOLE	1	22,294	0	0
NRG YIELD INC CLASS C	COM	62942X405	709	41,723	SH	SOLE	1	41,723	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	7,317	99,267	SH	SOLE	1	99,267	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	97	6,133	SH	SOLE	1	6,133	0	0
NUCOR CORP	COM	670346105	11,687	191,306	SH	SOLE	1	191,306	0	0
NUTANIX INC A	COM	67059N108	3,445	70,156	SH	SOLE	1	70,156	0	0
NUTRISYSTEM INC	COM	67069D108	512	18,992	SH	SOLE	1	18,992	0	0
NUVASIVE INC	COM	670704105	6,992	133,927	SH	SOLE	1	133,927	0	0
NV5 GLOBAL INC	COM	62945V109	288	5,157	SH	SOLE	1	5,157	0	0
NVE CORP	COM	629445206	254	3,051	SH	SOLE	1	3,051	0	0
NVIDIA CORP	COM	67066G104	58,123	250,975	SH	SOLE	1	250,975	0	0
NVR INC	COM	62944T105	19,191	6,854	SH	SOLE	1	6,854	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	5,282	45,143	SH	SOLE	1	45,143	0	0
NXSTAGE MEDICAL INC	COM	67072V103	1,032	41,515	SH	SOLE	1	41,515	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	85	20,187	SH	SOLE	1	20,187	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	9,606	38,832	SH	SOLE	1	38,832	0	0
OASIS PETROLEUM INC	COM	674215108	1,383	170,771	SH	SOLE	1	170,771	0	0
OBALON THERAPEUTICS INC	COM	67424L100	20	5,715	SH	SOLE	1	5,715	0	0

OCCIDENTAL PETROLEUM CORP	COM	674599105	25,562	393,500	SH	SOLE	1	393,500	0	0
OCEANEERING INTL INC	COM	675232102	3,652	196,965	SH	SOLE	1	196,965	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	684	25,563	SH	SOLE	1	25,563	0	0
OCLARO INC	COM	67555N206	1,025	107,267	SH	SOLE	1	107,267	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	23	796	SH	SOLE	1	796	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	120	18,434	SH	SOLE	1	18,434	0	0
OCWEN FINANCIAL CORP	COM	675746309	284	68,938	SH	SOLE	1	68,938	0	0
ODONATE THERAPEUTICS INC	COM	676079106	92	4,321	SH	SOLE	1	4,321	0	0
OFFICE DEPOT INC	COM	676220106	2,895	1,346,726	SH	SOLE	1	1,346,726	0	0
OFG BANCORP	COM	67103X102	289	27,659	SH	SOLE	1	27,659	0	0
OGE ENERGY CORP	COM	670837103	13,309	406,128	SH	SOLE	1	406,128	0	0
OHIO VALLEY BANC CORP	COM	677719106	109	2,609	SH	SOLE	1	2,609	0	0
OIL DRI CORP OF AMERICA	COM	677864100	129	3,207	SH	SOLE	1	3,207	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	851	32,491	SH	SOLE	1	32,491	0	0
OKTA INC	COM	679295105	496	12,441	SH	SOLE	1	12,441	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	20,091	136,702	SH	SOLE	1	136,702	0	0
OLD LINE BANCSHARES INC	COM	67984M100	180	5,445	SH	SOLE	1	5,445	0	0
OLD NATIONAL BANCORP	COM	680033107	1,452	85,914	SH	SOLE	1	85,914	0	0
OLD POINT FINANCIAL CORP	COM	680194107	61	2,317	SH	SOLE	1	2,317	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,746	500,976	SH	SOLE	1	500,976	0	0
OLD SECOND BANCORP INC	COM	680277100	257	18,494	SH	SOLE	1	18,494	0	0
OLIN CORP	COM	680665205	10,158	334,241	SH	SOLE	1	334,241	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	1,836	30,442	SH	SOLE	1	30,442	0	0
OLYMPIC STEEL INC	COM	68162K106	120	5,873	SH	SOLE	1	5,873	0	0
OMEGA FLEX INC	COM	682095104	121	1,863	SH	SOLE	1	1,863	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,740	397,201	SH	SOLE	1	397,201	0	0
OMEROS CORP	COM	682143102	325	29,079	SH	SOLE	1	29,079	0	0
OMINTO INC	COM	68217C208	26	8,942	SH	SOLE	1	8,942	0	0
OMNICELL INC	COM	68213N109	1,040	23,973	SH	SOLE	1	23,973	0	0
OMNICOM GROUP	COM	681919106	32,111	441,878	SH	SOLE	1	441,878	0	0
OMNOVA SOLUTIONS INC	COM	682129101	290	27,623	SH	SOLE	1	27,623	0	0
ON DECK CAPITAL INC	COM	682163100	179	32,032	SH	SOLE	1	32,032	0	0
ON SEMICONDUCTOR CORP	COM	682189105	232	9,481	SH	SOLE	1	9,481	0	0
ONCOCYTE CORP	COM	68235C107	5	2,456	SH	SOLE	1	2,456	0	0

ONE GAS INC	COM	68235P108	9,036	136,868	SH	SOLE	1	136,868	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	207	9,366	SH	SOLE	1	9,366	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	44	1,482	SH	SOLE	1	1,482	0	0
ONEOK INC	COM	682680103	9,843	172,922	SH	SOLE	1	172,922	0	0
OOMA INC	COM	683416101	123	11,246	SH	SOLE	1	11,246	0	0
OPKO HEALTH INC	COM	68375N103	22	6,999	SH	SOLE	1	6,999	0	0
OPPENHEIMER HOLDINGS CL A	COM	683797104	159	6,182	SH	SOLE	1	6,182	0	0
OPTINOSE INC	COM	68404V100	70	3,472	SH	SOLE	1	3,472	0	0
OPUS BANK	COM	684000102	358	12,788	SH	SOLE	1	12,788	0	0
ORACLE CORP	COM	68389X105	58,542	1,279,609	SH	SOLE	1	1,279,609	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	611	36,179	SH	SOLE	1	36,179	0	0
ORBCOMM INC	COM	68555P100	407	43,421	SH	SOLE	1	43,421	0	0
ORBITAL ATK INC	COM	68557N103	15,332	115,617	SH	SOLE	1	115,617	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	239	32,435	SH	SOLE	1	32,435	0	0
ORCHIDS PAPER PRODUCTS CO	COM	68572N104	48	5,830	SH	SOLE	1	5,830	0	0
ORGANOVO HOLDINGS INC	COM	68620A104	69	66,901	SH	SOLE	1	66,901	0	0
ORION GROUP HOLDINGS INC	COM	68628V308	116	17,572	SH	SOLE	1	17,572	0	0
ORITANI FINANCIAL CORP	COM	68633D103	388	25,291	SH	SOLE	1	25,291	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,455	25,802	SH	SOLE	1	25,802	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	114	4,740	SH	SOLE	1	4,740	0	0
ORTHOFIX INTERNATIONAL NV	COM	N6748L102	654	11,122	SH	SOLE	1	11,122	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	45	2,970	SH	SOLE	1	2,970	0	0
OSHKOSH CORP	COM	688239201	11,539	149,329	SH	SOLE	1	149,329	0	0
OSI SYSTEMS INC	COM	671044105	737	11,299	SH	SOLE	1	11,299	0	0
OTONOMY INC	COM	68906L105	76	18,021	SH	SOLE	1	18,021	0	0
OTTER TAIL CORP	COM	689648103	1,090	25,150	SH	SOLE	1	25,150	0	0
OUTFRONT MEDIA INC	COM	69007J106	55	2,934	SH	SOLE	1	2,934	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	82	28,947	SH	SOLE	1	28,947	0	0
OVERSTOCK.COM INC	COM	690370101	389	10,730	SH	SOLE	1	10,730	0	0
OVID THERAPEUTICS INC	COM	690469101	55	7,840	SH	SOLE	1	7,840	0	0
OWENS & MINOR INC	COM	690732102	604	38,867	SH	SOLE	1	38,867	0	0
OWENS CORNING	COM	690742101	187	2,322	SH	SOLE	1	2,322	0	0
OWENS ILLINOIS INC	COM	690768403	7,073	326,529	SH	SOLE	1	326,529	0	0
OWENS REALTY MORTGAGE INC	COM	690828108	91	6,263	SH	SOLE	1	6,263	0	0
OXFORD IMMUNOTEC GLOBAL PLC	COM	G6855A103	201	16,183	SH	SOLE	1	16,183	0	0

OXFORD INDUSTRIES INC	COM	691497309	785	10,532	SH	SOLE	1	10,532	0	0
P G & E CORP	COM	69331C108	7,290	165,942	SH	SOLE	1	165,942	0	0
PACCAR INC	COM	693718108	11,418	172,562	SH	SOLE	1	172,562	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	151	73,784	SH	SOLE	1	73,784	0	0
PACIFIC ETHANOL INC	COM	69423U305	83	27,578	SH	SOLE	1	27,578	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	94	9,889	SH	SOLE	1	9,889	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,007	25,058	SH	SOLE	1	25,058	0	0
PACIRA PHARMACEUTICALS INC	COM	695127100	792	25,418	SH	SOLE	1	25,418	0	0
PACKAGING CORP OF AMERICA	COM	695156109	3,579	31,755	SH	SOLE	1	31,755	0	0
PACWEST BANCORP	COM	695263103	12,464	251,650	SH	SOLE	1	251,650	0	0
PALO ALTO NETWORKS INC	COM	697435105	632	3,480	SH	SOLE	1	3,480	0	0
PANDORA MEDIA INC	COM	698354107	28	5,513	SH	SOLE	1	5,513	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	194	10,040	SH	SOLE	1	10,040	0	0
PAPA JOHN S INTL INC	COM	698813102	3,729	65,077	SH	SOLE	1	65,077	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	349	20,322	SH	SOLE	1	20,322	0	0
PARAMOUNT GROUP INC	COM	69924R108	61	4,307	SH	SOLE	1	4,307	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	222	17,048	SH	SOLE	1	17,048	0	0
PARK CITY GROUP INC	COM	700215304	74	8,460	SH	SOLE	1	8,460	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	207	12,311	SH	SOLE	1	12,311	0	0
PARK HOTELS & RESORTS INC	COM	700517105	101	3,740	SH	SOLE	1	3,740	0	0
PARK NATIONAL CORP	COM	700658107	886	8,543	SH	SOLE	1	8,543	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	219	5,635	SH	SOLE	1	5,635	0	0
PARKE BANCORP INC	COM	700885106	77	3,705	SH	SOLE	1	3,705	0	0
PARKER DRILLING CO	COM	701081101	55	85,867	SH	SOLE	1	85,867	0	0
PARKER HANNIFIN CORP	COM	701094104	9,547	55,819	SH	SOLE	1	55,819	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	210	7,253	SH	SOLE	1	7,253	0	0
PARTY CITY HOLDCO INC	COM	702149105	349	22,375	SH	SOLE	1	22,375	0	0
PATRICK INDUSTRIES INC	COM	703343103	960	15,521	SH	SOLE	1	15,521	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	869	50,288	SH	SOLE	1	50,288	0	0
PATTERSON COS INC	COM	703395103	4,059	182,605	SH	SOLE	1	182,605	0	0
PATTERSON UTI ENERGY INC	COM	703481101	7,781	444,395	SH	SOLE	1	444,395	0	0
PAYCHEX INC	COM	704326107	438,658	7,122,220	SH	SOLE	1	7,122,220	0	0
PAYCOM SOFTWARE INC	COM	70432V102	3,385	31,525	SH	SOLE	1	31,525	0	0

PAYLOCITY HOLDING CORP	COM	70438V106	868	16,943	SH	SOLE	1	16,943	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	37,059	488,449	SH	SOLE	1	488,449	0	0
PBF ENERGY INC CLASS A	COM	69318G106	7,568	223,251	SH	SOLE	1	223,251	0	0
PC CONNECTION INC	COM	69318J100	185	7,395	SH	SOLE	1	7,395	0	0
PCM INC	COM	69323K100	50	6,032	SH	SOLE	1	6,032	0	0
PCSB FINANCIAL CORP	COM	69324R104	243	11,570	SH	SOLE	1	11,570	0	0
PDC ENERGY INC	COM	69327R101	2,073	42,275	SH	SOLE	1	42,275	0	0
PDF SOLUTIONS INC	COM	693282105	208	17,844	SH	SOLE	1	17,844	0	0
PDL BIOPHARMA INC	COM	69329Y104	287	97,463	SH	SOLE	1	97,463	0	0
PDVWIRELESS INC	COM	69290R104	180	6,043	SH	SOLE	1	6,043	0	0
PEABODY ENERGY CORP	COM	704551100	1,557	42,661	SH	SOLE	1	42,661	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	379	11,364	SH	SOLE	1	11,364	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	1,513	44,037	SH	SOLE	1	44,037	0	0
PEGASYSTEMS INC	COM	705573103	1,421	23,433	SH	SOLE	1	23,433	0	0
PEMBINA PIPELINE CORP	COM	706327954	330	10,586	SH	SOLE	1	10,586	0	0
PENN NATIONAL GAMING INC	COM	707569109	1,423	54,188	SH	SOLE	1	54,188	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	422	43,780	SH	SOLE	1	43,780	0	0
PENN VIRGINIA CORP	COM	70788V102	320	9,122	SH	SOLE	1	9,122	0	0
PENNS WOODS BANCORP INC	COM	708430103	125	2,947	SH	SOLE	1	2,947	0	0
PENNYMAC FINANCIAL SERVICE A	COM	70932B101	1,423	62,816	SH	SOLE	1	62,816	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	699	38,790	SH	SOLE	1	38,790	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	33	744	SH	SOLE	1	744	0	0
PENTAIR PLC	COM	G7S00T104	5,089	74,696	SH	SOLE	1	74,696	0	0
PENUMBRA INC	COM	70975L107	2,167	18,739	SH	SOLE	1	18,739	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,632	141,025	SH	SOLE	1	141,025	0	0
PEOPLE S UTAH BANCORP	COM	712706209	288	8,921	SH	SOLE	1	8,921	0	0
PEOPLES BANCORP INC	COM	709789101	372	10,499	SH	SOLE	1	10,499	0	0
PEOPLES BANCORP OF NC	COM	710577107	91	2,972	SH	SOLE	1	2,972	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	200	4,380	SH	SOLE	1	4,380	0	0
PEPSICO INC	COM	713448108	83,043	760,817	SH	SOLE	1	760,817	0	0
PERFICIENT INC	COM	71375U101	503	21,947	SH	SOLE	1	21,947	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	1,942	65,074	SH	SOLE	1	65,074	0	0
PERKINELMER INC	COM	714046109	2,807	37,068	SH	SOLE	1	37,068	0	0
PERRIGO CO PLC	COM	G97822103	4,527	54,318	SH	SOLE	1	54,318	0	0

PERRY ELLIS INTERNATIONAL	COM	288853104	211	8,189	SH	SOLE	1	8,189	0	0
PETIQ INC	COM	71639T106	133	4,985	SH	SOLE	1	4,985	0	0
PETMED EXPRESS INC	COM	716382106	527	12,628	SH	SOLE	1	12,628	0	0
PFIZER INC	COM	717081103	561,297	15,815,635	SH	SOLE	1	15,815,635	0	0
PGT INNOVATIONS INC	COM	69336V101	577	30,938	SH	SOLE	1	30,938	0	0
PHH CORP	COM	693320202	214	20,490	SH	SOLE	1	20,490	0	0
PHI INC NON VOTING	COM	69336T205	76	7,460	SH	SOLE	1	7,460	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	501	12,631	SH	SOLE	1	12,631	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	501,303	5,043,294	SH	SOLE	1	5,043,294	0	0
PHILLIPS 66	COM	718546104	12,977	135,291	SH	SOLE	1	135,291	0	0
PHILLIPS 66 PARTNERS LP	COM	718549AB4	2,055	2,101,000	SH	SOLE	1	2,101,000	0	0
PHOTRONICS INC	COM	719405102	353	42,743	SH	SOLE	1	42,743	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	1,793	115,142	SH	SOLE	1	115,142	0	0
PICO HOLDINGS INC	COM	693366205	163	14,207	SH	SOLE	1	14,207	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	52	2,980	SH	SOLE	1	2,980	0	0
PIER 1 IMPORTS INC	COM	720279108	165	51,153	SH	SOLE	1	51,153	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	175	25,600	SH	SOLE	1	25,600	0	0
PILGRIM S PRIDE CORP	COM	72147K108	30	1,199	SH	SOLE	1	1,199	0	0
PINNACLE ENTERTAINMENT INC	COM	72348Y105	1,020	33,827	SH	SOLE	1	33,827	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	9,502	147,999	SH	SOLE	1	147,999	0	0
PINNACLE FOODS INC	COM	72348P104	134	2,474	SH	SOLE	1	2,474	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,061	38,354	SH	SOLE	1	38,354	0	0
PIONEER ENERGY SERVICES CORP	COM	723664108	131	48,690	SH	SOLE	1	48,690	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	10,784	62,776	SH	SOLE	1	62,776	0	0
PIPER JAFFRAY COS	COM	724078100	764	9,199	SH	SOLE	1	9,199	0	0
PITNEY BOWES INC	COM	724479100	4,655	427,461	SH	SOLE	1	427,461	0	0
PIXELWORKS INC	COM	72581M305	71	18,232	SH	SOLE	1	18,232	0	0
PJT PARTNERS INC A	COM	69343T107	580	11,568	SH	SOLE	1	11,568	0	0
PLAINS GP HOLDINGS LP CL A	COM	72651A207	83	3,826	SH	SOLE	1	3,826	0	0
PLANET FITNESS INC CL A	COM	72703H101	2,090	55,324	SH	SOLE	1	55,324	0	0
PLANTRONICS INC	COM	727493108	5,224	86,538	SH	SOLE	1	86,538	0	0
PLATFORM SPECIALTY PRODUCTS	COM	72766Q105	46	4,821	SH	SOLE	1	4,821	0	0
PLEXUS CORP	COM	729132100	1,283	21,474	SH	SOLE	1	21,474	0	0
PLUG POWER INC	COM	72919P202	276	146,069	SH	SOLE	1	146,069	0	0
PLY GEM HOLDINGS INC	COM	72941W100	306	14,187	SH	SOLE	1	14,187	0	0

PNC FINANCIAL SERVICES GROUP	COM	693475105	35,585	235,285	SH	SOLE	1	235,285	0	0
PNM RESOURCES INC	COM	69349H107	7,984	208,722	SH	SOLE	1	208,722	0	0
POLARIS INDUSTRIES INC	COM	731068102	13,449	117,438	SH	SOLE	1	117,438	0	0
POLYONE CORPORATION	COM	73179P106	8,996	211,582	SH	SOLE	1	211,582	0	0
POOL CORP	COM	73278L105	11,822	80,854	SH	SOLE	1	80,854	0	0
POPULAR INC	COM	733174700	88	2,106	SH	SOLE	1	2,106	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,318	57,216	SH	SOLE	1	57,216	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,187	36,343	SH	SOLE	1	36,343	0	0
POST HOLDINGS INC	COM	737446104	9,937	131,159	SH	SOLE	1	131,159	0	0
POTBELLY CORP	COM	73754Y100	176	14,631	SH	SOLE	1	14,631	0	0
POTLATCHDELTIC CORP	COM	737630103	8,197	157,475	SH	SOLE	1	157,475	0	0
POWELL INDUSTRIES INC	COM	739128106	151	5,634	SH	SOLE	1	5,634	0	0
POWER INTEGRATIONS INC	COM	739276103	1,254	18,343	SH	SOLE	1	18,343	0	0
PPG INDUSTRIES INC	COM	693506107	8,978	80,444	SH	SOLE	1	80,444	0	0
PPL CORP	COM	69351T106	11,220	396,591	SH	SOLE	1	396,591	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	262	18,731	SH	SOLE	1	18,731	0	0
PRA GROUP INC	COM	69354N106	1,086	28,566	SH	SOLE	1	28,566	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	2,630	31,696	SH	SOLE	1	31,696	0	0
PRAXAIR INC	COM	74005P104	13,076	90,620	SH	SOLE	1	90,620	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	348	24,513	SH	SOLE	1	24,513	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	553	8,609	SH	SOLE	1	8,609	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	127	1,951	SH	SOLE	1	1,951	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	112	6,015	SH	SOLE	1	6,015	0	0
PREMIER INC CLASS A	COM	74051N102	1,658	52,949	SH	SOLE	1	52,949	0	0
PRESIDIO INC	COM	74102M103	315	20,170	SH	SOLE	1	20,170	0	0
PRESTIGE BRANDS HOLDINGS INC	COM	74112D101	4,690	139,084	SH	SOLE	1	139,084	0	0
PRICESMART INC	COM	741511109	1,181	14,130	SH	SOLE	1	14,130	0	0
PRIMERICA INC	COM	74164M108	11,199	115,928	SH	SOLE	1	115,928	0	0
PRIMO WATER CORP	COM	74165N105	189	16,181	SH	SOLE	1	16,181	0	0
PRIMORIS SERVICES CORP	COM	74164F103	630	25,216	SH	SOLE	1	25,216	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	6,757	110,936	SH	SOLE	1	110,936	0	0
PROASSURANCE CORP	COM	74267C106	53	1,098	SH	SOLE	1	1,098	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	516,554	6,515,566	SH	SOLE	1	6,515,566	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	337	45,219	SH	SOLE	1	45,219	0	0

PROGRESS SOFTWARE CORP	COM	743312100	1,130	29,379	SH	SOLE	1	29,379	0	0
PROGRESSIVE CORP	COM	743315103	12,789	209,891	SH	SOLE	1	209,891	0	0
PROLOGIS INC	COM	74340W103	13,537	214,908	SH	SOLE	1	214,908	0	0
PROOFPOINT INC	COM	743424103	3,172	27,906	SH	SOLE	1	27,906	0	0
PROPETRO HOLDING CORP	COM	74347M108	579	36,465	SH	SOLE	1	36,465	0	0
PROS HOLDINGS INC	COM	74346Y103	563	17,048	SH	SOLE	1	17,048	0	0
PROSPERITY BANCSHARES INC	COM	743606105	10,141	139,627	SH	SOLE	1	139,627	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	63	7,285	SH	SOLE	1	7,285	0	0
PROTHENA CORP PLC	COM	G72800108	911	24,822	SH	SOLE	1	24,822	0	0
PROTO LABS INC	COM	743713109	1,864	15,860	SH	SOLE	1	15,860	0	0
PROVIDENCE SERVICE CORP	COM	743815102	500	7,231	SH	SOLE	1	7,231	0	0
PROVIDENT BANCORP INC	COM	74383X109	75	2,807	SH	SOLE	1	2,807	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	64	3,517	SH	SOLE	1	3,517	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,009	39,437	SH	SOLE	1	39,437	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	94	5,192	SH	SOLE	1	5,192	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	20,140	194,493	SH	SOLE	1	194,493	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	1,429	12,642	SH	SOLE	1	12,642	0	0
PTC INC	COM	69370C100	18,162	232,814	SH	SOLE	1	232,814	0	0
PTC THERAPEUTICS INC	COM	69366J200	694	25,631	SH	SOLE	1	25,631	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,704	173,256	SH	SOLE	1	173,256	0	0
PUBLIC STORAGE	COM	74460D109	11,982	59,793	SH	SOLE	1	59,793	0	0
PULSE BIOSCIENCES INC	COM	74587B101	79	5,827	SH	SOLE	1	5,827	0	0
PULTEGROUP INC	COM	745867101	2,573	87,244	SH	SOLE	1	87,244	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	1,269	18,644	SH	SOLE	1	18,644	0	0
PURE CYCLE CORP	COM	746228303	103	10,938	SH	SOLE	1	10,938	0	0
PURE STORAGE INC CLASS A	COM	74624M102	1,238	62,056	SH	SOLE	1	62,056	0	0
PVH CORP	COM	693656100	4,910	32,425	SH	SOLE	1	32,425	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	120	10,806	SH	SOLE	1	10,806	0	0
Q2 HOLDINGS INC	COM	74736L109	929	20,389	SH	SOLE	1	20,389	0	0
QAD INC A	COM	74727D306	266	6,382	SH	SOLE	1	6,382	0	0
QCR HOLDINGS INC	COM	74727A104	348	7,750	SH	SOLE	1	7,750	0	0
QEP RESOURCES INC	COM	74733V100	4,718	481,969	SH	SOLE	1	481,969	0	0
QIAGEN N.V.	COM	N72482123	155	4,799	SH	SOLE	1	4,799	0	0
QORVO INC	COM	74736K101	3,352	47,585	SH	SOLE	1	47,585	0	0
QTS REALTY TRUST INC CL A	COM	74736A103	1,142	31,536	SH	SOLE	1	31,536	0	0

QUAD GRAPHICS INC	COM	747301109	509	20,063	SH	SOLE	1	20,063	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,231	8,308	SH	SOLE	1	8,308	0	0
QUALCOMM INC	COM	747525103	39,103	705,696	SH	SOLE	1	705,696	0	0
QUALITY CARE PROPERTIES	COM	747545101	4,783	246,162	SH	SOLE	1	246,162	0	0
QUALITY SYSTEMS INC	COM	747582104	463	33,906	SH	SOLE	1	33,906	0	0
QUALYS INC	COM	74758T303	1,496	20,560	SH	SOLE	1	20,560	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	389	22,370	SH	SOLE	1	22,370	0	0
QUANTA SERVICES INC	COM	74762E102	1,811	52,713	SH	SOLE	1	52,713	0	0
QUANTENNA COMMUNICATIONS INC	COM	74766D100	193	14,114	SH	SOLE	1	14,114	0	0
QUANTERIX CORP	COM	74766Q101	54	3,175	SH	SOLE	1	3,175	0	0
QUANTUM CORP	COM	747906501	66	18,186	SH	SOLE	1	18,186	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	7,855	78,317	SH	SOLE	1	78,317	0	0
QUIDEL CORP	COM	74838J101	941	18,165	SH	SOLE	1	18,165	0	0
QUINSTREET INC	COM	74874Q100	304	23,791	SH	SOLE	1	23,791	0	0
QUINTANA ENERGY SERVICES INC	COM	74875T103	38	3,914	SH	SOLE	1	3,914	0	0
QUOTIENT LTD	COM	G73268107	80	17,088	SH	SOLE	1	17,088	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	634	48,359	SH	SOLE	1	48,359	0	0
R1 RCM INC	COM	749397105	458	64,116	SH	SOLE	1	64,116	0	0
RA PHARMACEUTICALS INC	COM	74933V108	55	10,332	SH	SOLE	1	10,332	0	0
RADIAN GROUP INC	COM	750236101	2,639	138,586	SH	SOLE	1	138,586	0	0
RADIANT LOGISTICS INC	COM	75025X100	93	23,939	SH	SOLE	1	23,939	0	0
RADISYS CORP	COM	750459109	15	23,567	SH	SOLE	1	23,567	0	0
RADIUS HEALTH INC	COM	750469207	879	24,453	SH	SOLE	1	24,453	0	0
RADNET INC	COM	750491102	341	23,652	SH	SOLE	1	23,652	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	27	5,560	SH	SOLE	1	5,560	0	0
RAIT FINANCIAL TRUST	COM	749227609	9	58,709	SH	SOLE	1	58,709	0	0
RALPH LAUREN CORP	COM	751212101	2,675	23,929	SH	SOLE	1	23,929	0	0
RAMACO RESOURCES INC	COM	75134P303	28	3,925	SH	SOLE	1	3,925	0	0
RAMBUS INC	COM	750917106	931	69,338	SH	SOLE	1	69,338	0	0
RAMCO GERSHENSON PROPERTIES	COM	751452202	621	50,266	SH	SOLE	1	50,266	0	0
RANGE RESOURCES CORP	COM	75281A109	2,874	197,695	SH	SOLE	1	197,695	0	0
RANGER ENERGY SERVICES INC	COM	75282U104	31	3,786	SH	SOLE	1	3,786	0	0
RAPID7 INC	COM	753422104	451	17,635	SH	SOLE	1	17,635	0	0
RAVEN INDUSTRIES INC	COM	754212108	810	23,115	SH	SOLE	1	23,115	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,386	49,054	SH	SOLE	1	49,054	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	681	31,718	SH	SOLE	1	31,718	0	0

RAYONIER INC	COM	754907103	9,084	258,227	SH	SOLE	1	258,227	0	0
RAYTHEON COMPANY	COM	755111507	19,580	90,722	SH	SOLE	1	90,722	0	0
RBB BANCORP	COM	74930B105	138	5,223	SH	SOLE	1	5,223	0	0
RBC BEARINGS INC	COM	75524B104	1,858	14,957	SH	SOLE	1	14,957	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	165	5,804	SH	SOLE	1	5,804	0	0
RE/MAX HOLDINGS INC CL A	COM	75524W108	2,104	34,804	SH	SOLE	1	34,804	0	0
READING INTERNATIONAL INC A	COM	755408101	177	10,612	SH	SOLE	1	10,612	0	0
REALNETWORKS INC	COM	75605L708	48	15,529	SH	SOLE	1	15,529	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	76	2,777	SH	SOLE	1	2,777	0	0
REALPAGE INC	COM	75606N109	1,933	37,526	SH	SOLE	1	37,526	0	0
REALTY INCOME CORP	COM	756109104	5,577	107,816	SH	SOLE	1	107,816	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	148	7,232	SH	SOLE	1	7,232	0	0
RECRO PHARMA INC	COM	75629F109	96	8,708	SH	SOLE	1	8,708	0	0
RED HAT INC	COM	756577102	9,372	62,682	SH	SOLE	1	62,682	0	0
RED LION HOTELS CORP	COM	756764106	103	10,595	SH	SOLE	1	10,595	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	478	8,233	SH	SOLE	1	8,233	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,292	44,111	SH	SOLE	1	44,111	0	0
RED VIOLET INC	COM	75704L104	12	1,893	SH	SOLE	1	1,893	0	0
REDFIN CORP	COM	75737F108	850	37,235	SH	SOLE	1	37,235	0	0
REDWOOD TRUST INC	COM	758075402	758	48,986	SH	SOLE	1	48,986	0	0
REGAL BELOIT CORP	COM	758750103	6,503	88,655	SH	SOLE	1	88,655	0	0
REGENCY CENTERS CORP	COM	758849103	3,008	51,003	SH	SOLE	1	51,003	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	11,979	34,785	SH	SOLE	1	34,785	0	0
REGENXBIO INC	COM	75901B107	531	17,776	SH	SOLE	1	17,776	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	208	6,520	SH	SOLE	1	6,520	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	8,837	475,620	SH	SOLE	1	475,620	0	0
REGIS CORP	COM	758932107	344	22,722	SH	SOLE	1	22,722	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	19,864	128,990	SH	SOLE	1	128,990	0	0
REIS INC	COM	75936P105	124	5,795	SH	SOLE	1	5,795	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	12,489	145,656	SH	SOLE	1	145,656	0	0
RELIANT BANCORP INC	COM	75956B101	101	4,432	SH	SOLE	1	4,432	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	11,789	85,110	SH	SOLE	1	85,110	0	0
RENASANT CORP	COM	75970E107	1,233	28,965	SH	SOLE	1	28,965	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	312	24,340	SH	SOLE	1	24,340	0	0

RENT A CENTER INC	COM	76009N100	236	27,385	SH	SOLE	1	27,385	0	0
REPLIGEN CORP	COM	759916109	869	24,011	SH	SOLE	1	24,011	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	236	6,158	SH	SOLE	1	6,158	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	271	31,149	SH	SOLE	1	31,149	0	0
REPUBLIC SERVICES INC	COM	760759100	8,108	122,420	SH	SOLE	1	122,420	0	0
RESMED INC	COM	761152107	4,952	50,289	SH	SOLE	1	50,289	0	0
RESOLUTE ENERGY CORP	COM	76116A306	481	13,877	SH	SOLE	1	13,877	0	0
RESOURCE CAPITAL CORP	COM	76120W708	1,275	134,027	SH	SOLE	1	134,027	0	0
RESOURCES CONNECTION INC	COM	76122Q105	314	19,373	SH	SOLE	1	19,373	0	0
RESTORATION ROBOTICS INC	COM	76133C103	15	2,337	SH	SOLE	1	2,337	0	0
RESTORBIO INC	COM	76133L103	40	4,208	SH	SOLE	1	4,208	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,224	69,255	SH	SOLE	1	69,255	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	54	4,599	SH	SOLE	1	4,599	0	0
RETROPHIN INC	COM	761299106	563	25,165	SH	SOLE	1	25,165	0	0
REV GROUP INC	COM	749527107	405	19,490	SH	SOLE	1	19,490	0	0
REVANCE THERAPEUTICS INC	COM	761330109	530	17,205	SH	SOLE	1	17,205	0	0
REVLON INC CLASS A	COM	761525609	155	7,547	SH	SOLE	1	7,547	0	0
REVOLUTION LIGHTING TECHNOLO	COM	76155G206	27	7,983	SH	SOLE	1	7,983	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	271	3,719	SH	SOLE	1	3,719	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	1,423	49,439	SH	SOLE	1	49,439	0	0
REXNORD CORP	COM	76169B102	1,976	66,579	SH	SOLE	1	66,579	0	0
RGC RESOURCES INC	COM	74955L103	109	4,273	SH	SOLE	1	4,273	0	0
RH	COM	74967X103	1,224	12,849	SH	SOLE	1	12,849	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	105	5,265	SH	SOLE	1	5,265	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	155	30,347	SH	SOLE	1	30,347	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	335	94,555	SH	SOLE	1	94,555	0	0
RIGNET INC	COM	766582100	116	8,524	SH	SOLE	1	8,524	0	0
RING ENERGY INC	COM	76680V108	458	31,946	SH	SOLE	1	31,946	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	2,641	41,594	SH	SOLE	1	41,594	0	0
RITE AID CORP	COM	767754104	39	23,259	SH	SOLE	1	23,259	0	0
RIVERVIEW BANCORP INC	COM	769397100	128	13,671	SH	SOLE	1	13,671	0	0
RLI CORP	COM	749607107	1,562	24,645	SH	SOLE	1	24,645	0	0
RLJ LODGING TRUST	COM	74965L101	2,109	108,504	SH	SOLE	1	108,504	0	0
RMR GROUP INC/THE A	COM	74967R106	314	4,491	SH	SOLE	1	4,491	0	0

ROADRUNNER TRANSPORTATION SY	COM	76973Q105	50	19,538	SH	SOLE	1	19,538	0	0
ROBERT HALF INTL INC	COM	770323103	2,706	46,748	SH	SOLE	1	46,748	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,031	57,584	SH	SOLE	1	57,584	0	0
ROCKWELL COLLINS INC	COM	774341101	7,342	54,443	SH	SOLE	1	54,443	0	0
ROCKWELL MEDICAL INC	COM	774374102	160	30,632	SH	SOLE	1	30,632	0	0
ROGERS COMMUNICATIONS INC B	COM	775109960	254	5,695	SH	SOLE	1	5,695	0	0
ROGERS CORP	COM	775133101	1,379	11,533	SH	SOLE	1	11,533	0	0
ROLLINS INC	COM	775711104	9,811	192,251	SH	SOLE	1	192,251	0	0
ROPER TECHNOLOGIES INC	COM	776696106	11,234	40,023	SH	SOLE	1	40,023	0	0
ROSEHILL RESOURCES INC	COM	777385105	9	1,610	SH	SOLE	1	1,610	0	0
ROSETTA STONE INC	COM	777780107	143	10,838	SH	SOLE	1	10,838	0	0
ROSS STORES INC	COM	778296103	14,834	190,224	SH	SOLE	1	190,224	0	0
ROWAN COMPANIES PLC A	COM	G7665A101	3,457	299,563	SH	SOLE	1	299,563	0	0
ROYAL BANK OF CANADA	COM	78010USN8	498	500,000	SH	SOLE	1	500,000	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	6,742	57,260	SH	SOLE	1	57,260	0	0
ROYAL GOLD INC	COM	780287108	11,247	130,980	SH	SOLE	1	130,980	0	0
RPC INC	COM	749660106	24	1,316	SH	SOLE	1	1,316	0	0
RPM INTERNATIONAL INC	COM	749685103	12,756	267,580	SH	SOLE	1	267,580	0	0
RPX CORP	COM	74972G103	314	29,386	SH	SOLE	1	29,386	0	0
RR DONNELLEY & SONS CO	COM	257867200	421	48,195	SH	SOLE	1	48,195	0	0
RSP PERMIAN INC	COM	74978Q105	135	2,877	SH	SOLE	1	2,877	0	0
RTI SURGICAL INC	COM	74975N105	161	34,934	SH	SOLE	1	34,934	0	0
RUBICON PROJECT INC/THE	COM	78112V102	51	28,366	SH	SOLE	1	28,366	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	553	19,967	SH	SOLE	1	19,967	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	132	3,264	SH	SOLE	1	3,264	0	0
RUSH ENTERPRISES INC CL A	COM	781846209	827	19,474	SH	SOLE	1	19,474	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	457	18,697	SH	SOLE	1	18,697	0	0
RYDER SYSTEM INC	COM	783549108	7,714	105,975	SH	SOLE	1	105,975	0	0
RYERSON HOLDING CORP	COM	783754104	83	10,226	SH	SOLE	1	10,226	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,190	28,277	SH	SOLE	1	28,277	0	0
S & T BANCORP INC	COM	783859101	878	21,981	SH	SOLE	1	21,981	0	0
S&P GLOBAL INC	COM	78409V104	18,894	98,893	SH	SOLE	1	98,893	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	8,230	466,286	SH	SOLE	1	466,286	0	0

SABRE CORP	COM	78573M104	9,671	450,857	SH	SOLE	1	450,857	0	0
SAFE BULKERS INC	COM	Y7388L103	100	31,468	SH	SOLE	1	31,468	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	159	12,949	SH	SOLE	1	12,949	0	0
SAFETY INCOME & GROWTH INC	COM	78649D104	106	6,620	SH	SOLE	1	6,620	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	718	9,344	SH	SOLE	1	9,344	0	0
SAGA COMMUNICATIONS INC CL A	COM	786598300	90	2,412	SH	SOLE	1	2,412	0	0
SAGE THERAPEUTICS INC	COM	78667J108	4,337	26,925	SH	SOLE	1	26,925	0	0
SAIA INC	COM	78709Y105	1,216	16,183	SH	SOLE	1	16,183	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	267	12,919	SH	SOLE	1	12,919	0	0
SALEM MEDIA GROUP INC	COM	794093104	27	7,422	SH	SOLE	1	7,422	0	0
SALESFORCE.COM INC	COM	79466L302	28,999	249,347	SH	SOLE	1	249,347	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	4,118	250,358	SH	SOLE	1	250,358	0	0
SANCHEZ ENERGY CORP	COM	79970Y105	145	46,354	SH	SOLE	1	46,354	0	0
SANDERSON FARMS INC	COM	800013104	6,268	52,666	SH	SOLE	1	52,666	0	0
SANDRIDGE ENERGY INC	COM	80007P869	324	22,326	SH	SOLE	1	22,326	0	0
SANDY SPRING BANCORP INC	COM	800363103	801	20,653	SH	SOLE	1	20,653	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	1,018	53,597	SH	SOLE	1	53,597	0	0
SANMINA CORP	COM	801056102	1,184	45,275	SH	SOLE	1	45,275	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	50	3,094	SH	SOLE	1	3,094	0	0
SANTANDER UK GROUP HLDGS	COM	80281LAD7	830	837,000	SH	SOLE	1	837,000	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	2,894	39,065	SH	SOLE	1	39,065	0	0
SAUL CENTERS INC	COM	804395101	370	7,255	SH	SOLE	1	7,255	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	7,586	44,384	SH	SOLE	1	44,384	0	0
SCANA CORP	COM	80589M102	1,829	48,720	SH	SOLE	1	48,720	0	0
SCANSOURCE INC	COM	806037107	569	16,016	SH	SOLE	1	16,016	0	0
SCHLUMBERGER LTD	COM	806857108	35,785	552,409	SH	SOLE	1	552,409	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	696	26,722	SH	SOLE	1	26,722	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	547	16,911	SH	SOLE	1	16,911	0	0
SCHOLASTIC CORP	COM	807066105	703	18,100	SH	SOLE	1	18,100	0	0
SCHULMAN (A.) INC	COM	808194104	786	18,270	SH	SOLE	1	18,270	0	0
SCHWAB (CHARLES) CORP	COM	808513105	23,283	445,865	SH	SOLE	1	445,865	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	762	19,469	SH	SOLE	1	19,469	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,831	112,065	SH	SOLE	1	112,065	0	0

SCIENTIFIC GAMES CORP	COM	80874P109	5,787	139,110	SH	SOLE	1	139,110	0	0
SCORPIO BULKERS INC	COM	Y7546A122	271	38,470	SH	SOLE	1	38,470	0	0
SCORPIO TANKERS INC	COM	Y7542C106	338	172,273	SH	SOLE	1	172,273	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	6,845	79,826	SH	SOLE	1	79,826	0	0
SCPHARMACEUTICALS INC	COM	810648105	58	4,711	SH	SOLE	1	4,711	0	0
SEABOARD CORP	COM	811543107	26	6	SH	SOLE	1	6	0	0
SEACOAST BANKING CORP/FL	COM	811707801	722	27,278	SH	SOLE	1	27,278	0	0
SEACOR HOLDINGS INC	COM	811904101	537	10,515	SH	SOLE	1	10,515	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	197	10,383	SH	SOLE	1	10,383	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	7,615	130,132	SH	SOLE	1	130,132	0	0
SEALED AIR CORP	COM	81211K100	2,610	61,007	SH	SOLE	1	61,007	0	0
SEARS HOLDINGS CORP	COM	812350106	20	7,601	SH	SOLE	1	7,601	0	0
SEATTLE GENETICS INC	COM	812578102	212	4,045	SH	SOLE	1	4,045	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	649	43,760	SH	SOLE	1	43,760	0	0
SECUREWORKS CORP A	COM	81374A105	43	5,275	SH	SOLE	1	5,275	0	0
SEI INVESTMENTS COMPANY	COM	784117103	19,906	265,738	SH	SOLE	1	265,738	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	216	17,118	SH	SOLE	1	17,118	0	0
SELECT INCOME REIT	COM	81618T100	789	40,499	SH	SOLE	1	40,499	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,185	68,667	SH	SOLE	1	68,667	0	0
SELECTA BIOSCIENCES INC	COM	816212104	92	9,005	SH	SOLE	1	9,005	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	2,234	36,802	SH	SOLE	1	36,802	0	0
SEMGROUP CORP CLASS A	COM	81663A105	909	42,465	SH	SOLE	1	42,465	0	0
SEMPRA ENERGY	COM	816851109	9,736	87,540	SH	SOLE	1	87,540	0	0
SEMTECH CORP	COM	816850101	1,636	41,901	SH	SOLE	1	41,901	0	0
SENDGRID INC	COM	816883102	154	5,456	SH	SOLE	1	5,456	0	0
SENECA FOODS CORP CL A	COM	817070501	123	4,450	SH	SOLE	1	4,450	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	7,444	475,336	SH	SOLE	1	475,336	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	192	3,707	SH	SOLE	1	3,707	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,994	113,259	SH	SOLE	1	113,259	0	0
SEQUENTIAL BRANDS GROUP INC	COM	81734P107	53	25,407	SH	SOLE	1	25,407	0	0
SERES THERAPEUTICS INC	COM	81750R102	96	13,073	SH	SOLE	1	13,073	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	581	16,339	SH	SOLE	1	16,339	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,975	370,304	SH	SOLE	1	370,304	0	0

SERVICEMASTER GLOBAL HOLDING	COM	81761R109	156	3,065	SH	SOLE	1	3,065	0	0
SERVICENOW INC	COM	81762P102	1,087	6,572	SH	SOLE	1	6,572	0	0
SERVICESTRONG INTERNATIONAL	COM	81763U100	188	49,296	SH	SOLE	1	49,296	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,208	29,582	SH	SOLE	1	29,582	0	0
SHAKE SHACK INC CLASS A	COM	819047101	594	14,271	SH	SOLE	1	14,271	0	0
SHAW COMMUNICATIONS INC B	COM	82028K952	566	29,396	SH	SOLE	1	29,396	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,069	29,705	SH	SOLE	1	29,705	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	10,037	25,598	SH	SOLE	1	25,598	0	0
SHILOH INDUSTRIES INC	COM	824543102	80	9,247	SH	SOLE	1	9,247	0	0
SHIP FINANCE INTL LTD	COM	G81075106	547	38,258	SH	SOLE	1	38,258	0	0
SHIRE PLC ADR	ADR	82481R106	594	3,973	SH	SOLE	1	3,973	0	0
SHOE CARNIVAL INC	COM	824889109	175	7,354	SH	SOLE	1	7,354	0	0
SHOPIFY INC CLASS A	COM	82509L958	60	480	SH	SOLE	1	480	0	0
SHORE BANCSHARES INC	COM	825107105	151	7,998	SH	SOLE	1	7,998	0	0
SHUTTERFLY INC	COM	82568P304	1,692	20,824	SH	SOLE	1	20,824	0	0
SHUTTERSTOCK INC	COM	825690100	571	11,863	SH	SOLE	1	11,863	0	0
SI FINANCIAL GROUP INC	COM	78425V104	103	7,179	SH	SOLE	1	7,179	0	0
SIENNA BIOPHARMACEUTICALS IN	COM	82622H108	181	9,654	SH	SOLE	1	9,654	0	0
SIENTRA INC	COM	82621J105	90	9,268	SH	SOLE	1	9,268	0	0
SIERRA BANCORP	COM	82620P102	230	8,615	SH	SOLE	1	8,615	0	0
SIGMA DESIGNS INC	COM	826565103	151	24,369	SH	SOLE	1	24,369	0	0
SIGNATURE BANK	COM	82669G104	15,254	107,462	SH	SOLE	1	107,462	0	0
SIGNET JEWELERS LTD	COM	G81276100	5,167	134,127	SH	SOLE	1	134,127	0	0
SILGAN HOLDINGS INC	COM	827048109	4,125	148,101	SH	SOLE	1	148,101	0	0
SILICON LABORATORIES INC	COM	826919102	10,013	111,381	SH	SOLE	1	111,381	0	0
SILVERBOW RESOURCES INC	COM	82836G102	130	4,459	SH	SOLE	1	4,459	0	0
SILVERCREST ASSET MANAGEMENT A	COM	828359109	69	4,564	SH	SOLE	1	4,564	0	0
SIMMONS FIRST NATL CORP CL A	COM	828730200	1,508	52,992	SH	SOLE	1	52,992	0	0
SIMON PROPERTY GROUP INC	COM	828806109	20,710	134,177	SH	SOLE	1	134,177	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	1,518	26,360	SH	SOLE	1	26,360	0	0
SIMULATIONS PLUS INC	COM	829214105	103	6,991	SH	SOLE	1	6,991	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	1,428	45,638	SH	SOLE	1	45,638	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,791	286,991	SH	SOLE	1	286,991	0	0

SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,672	21,706	SH	SOLE	1	21,706	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	9,785	157,166	SH	SOLE	1	157,166	0	0
SJW GROUP	COM	784305104	551	10,457	SH	SOLE	1	10,457	0	0
SKECHERS USA INC CL A	SUB EMTN	830566105	10,555	271,418	SH	SOLE	1	271,418	0	0
SKYWEST INC	COM	830879102	1,765	32,447	SH	SOLE	1	32,447	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	7,773	77,530	SH	SOLE	1	77,530	0	0
SL GREEN REALTY CORP	COM	78440X101	3,002	31,002	SH	SOLE	1	31,002	0	0
SLEEP NUMBER CORP	COM	83125X103	883	25,111	SH	SOLE	1	25,111	0	0
SLM CORP	COM	78442P106	9,722	867,273	SH	SOLE	1	867,273	0	0
SM ENERGY CO	COM	78454L100	3,707	205,610	SH	SOLE	1	205,610	0	0
SMART & FINAL STORES INC	COM	83190B101	80	14,452	SH	SOLE	1	14,452	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	304	6,091	SH	SOLE	1	6,091	0	0
SMART SAND INC	COM	83191H107	81	13,978	SH	SOLE	1	13,978	0	0
SMARTFINANCIAL INC	COM	83190L208	108	4,580	SH	SOLE	1	4,580	0	0
SMITH (A.O.) CORP	COM	831865209	3,337	52,472	SH	SOLE	1	52,472	0	0
Snap Inc.	COM	83304A106	3,143	198,025	SH	SOLE	2	198,025	0	0
SNAP ON INC	COM	833034101	3,186	21,595	SH	SOLE	1	21,595	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	196	11,814	SH	SOLE	1	11,814	0	0
SOLID BIOSCIENCES INC	COM	83422E105	44	5,803	SH	SOLE	1	5,803	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	306	16,129	SH	SOLE	1	16,129	0	0
SONIC CORP	COM	835451105	601	23,816	SH	SOLE	1	23,816	0	0
SONOCO PRODUCTS CO	COM	835495102	9,651	198,994	SH	SOLE	1	198,994	0	0
SOTHEBY S	COM	835898107	5,033	98,097	SH	SOLE	1	98,097	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,438	51,069	SH	SOLE	1	51,069	0	0
SOUTH STATE CORP	COM	840441109	1,970	23,092	SH	SOLE	1	23,092	0	0
SOUTHERN CO/THE	COM	842587107	14,509	324,866	SH	SOLE	1	324,866	0	0
SOUTHERN COPPER CORP	COM	84265V105	101	1,857	SH	SOLE	1	1,857	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	188	4,222	SH	SOLE	1	4,222	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	159	4,338	SH	SOLE	1	4,338	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	217	13,700	SH	SOLE	1	13,700	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	615	17,711	SH	SOLE	1	17,711	0	0
SOUTHWEST AIRLINES CO	COM	844741108	11,610	202,694	SH	SOLE	1	202,694	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,502	125,710	SH	SOLE	1	125,710	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	4,434	1,023,968	SH	SOLE	1	1,023,968	0	0

SP PLUS CORP	COM	78469C103	396	11,127	SH	SOLE	1	11,127	0	0
SPARK ENERGY INC CLASS A	COM	846511103	88	7,458	SH	SOLE	1	7,458	0	0
SPARK THERAPEUTICS INC	COM	84652J103	1,176	17,667	SH	SOLE	1	17,667	0	0
SPARTAN MOTORS INC	COM	846819100	376	21,846	SH	SOLE	1	21,846	0	0
SPARTANNASH CO	COM	847215100	403	23,432	SH	SOLE	1	23,432	0	0
SPARTON CORP	COM	847235108	107	6,166	SH	SOLE	1	6,166	0	0
SPDR S&P 500 ETF TRUST	SPDR S&P 500	78462F103	45,266	172,016	SH	SOLE	1	172,016	0	0
SPDR S&P MIDCAP 400 ETF TRUST	SPDR S&P 400	78467Y107	7,306	21,380	SH	SOLE	1	21,380	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84763R101	57	552	SH	SOLE	1	552	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	894	55,545	SH	SOLE	1	55,545	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	133	7,440	SH	SOLE	1	7,440	0	0
SPERO THERAPEUTICS INC	COM	84833T103	55	3,857	SH	SOLE	1	3,857	0	0
SPIRE INC	COM	84857L101	2,184	30,205	SH	SOLE	1	30,205	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	203	2,424	SH	SOLE	1	2,424	0	0
SPIRIT AIRLINES INC	COM	848577102	54	1,429	SH	SOLE	1	1,429	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W102	74	9,545	SH	SOLE	1	9,545	0	0
SPLUNK INC	COM	848637104	584	5,933	SH	SOLE	1	5,933	0	0
SPOK HOLDINGS INC	COM	84863T106	190	12,693	SH	SOLE	1	12,693	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	94	23,137	SH	SOLE	1	23,137	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,819	247,950	SH	SOLE	1	247,950	0	0
SPS COMMERCE INC	COM	78463M107	691	10,791	SH	SOLE	1	10,791	0	0
SPX CORP	COM	784635104	884	27,229	SH	SOLE	1	27,229	0	0
SPX FLOW INC	COM	78469X107	1,303	26,491	SH	SOLE	1	26,491	0	0
SQUARE INC A	COM	852234103	396	8,057	SH	SOLE	1	8,057	0	0
SRC ENERGY INC	COM	78470V108	1,456	154,375	SH	SOLE	1	154,375	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	209	3,903	SH	SOLE	1	3,903	0	0
ST JOE CO/THE	COM	790148100	535	28,372	SH	SOLE	1	28,372	0	0
STAAR SURGICAL CO	COM	852312305	387	26,144	SH	SOLE	1	26,144	0	0
STAG INDUSTRIAL INC	COM	85254J102	1,449	60,588	SH	SOLE	1	60,588	0	0
STAMPS.COM INC	COM	852857200	2,101	10,449	SH	SOLE	1	10,449	0	0
STANDARD MOTOR PRODS	COM	853666105	655	13,774	SH	SOLE	1	13,774	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	769	8,063	SH	SOLE	1	8,063	0	0
STANLEY BLACK & DECKER INC	COM	854502101	11,491	75,008	SH	SOLE	1	75,008	0	0
STARBUCKS CORP	COM	855244109	37,541	648,494	SH	SOLE	1	648,494	0	0
STARTEK INC	COM	85569C107	65	6,596	SH	SOLE	1	6,596	0	0

STARWOOD PROPERTY TRUST INC	COM	85571B105	112	5,336	SH	SOLE	1	5,336	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	290	10,166	SH	SOLE	1	10,166	0	0
STATE BANK FINANCIAL CORP	COM	856190103	720	23,990	SH	SOLE	1	23,990	0	0
STATE STREET CORP	COM	857477103	11,815	118,471	SH	SOLE	1	118,471	0	0
STEEL DYNAMICS INC	COM	858119100	20,879	472,153	SH	SOLE	1	472,153	0	0
Steel Partners Holdings L.P.	COM	85814R107	12,482	697,311	SH	SOLE	2	697,311	0	0
STEELCASE INC CL A	COM	858155203	733	53,918	SH	SOLE	1	53,918	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	260	16,978	SH	SOLE	1	16,978	0	0
STEPAN CO	COM	858586100	1,062	12,764	SH	SOLE	1	12,764	0	0
STERICYCLE INC	COM	858912108	1,715	29,295	SH	SOLE	1	29,295	0	0
STERIS PLC	COM	G84720104	15,845	169,717	SH	SOLE	1	169,717	0	0
STERLING BANCORP INC/MI	COM	85917W102	151	11,142	SH	SOLE	1	11,142	0	0
STERLING BANCORP/DE	COM	85917A100	13,106	581,184	SH	SOLE	1	581,184	0	0
STERLING CONSTRUCTION CO	COM	859241101	189	16,518	SH	SOLE	1	16,518	0	0
STEVEN MADDEN LTD	COM	556269108	1,659	37,799	SH	SOLE	1	37,799	0	0
STEWART INFORMATION SERVICES	COM	860372101	592	13,479	SH	SOLE	1	13,479	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,949	184,860	SH	SOLE	1	184,860	0	0
STOCK YARDS BANCORP INC	COM	861025104	490	13,954	SH	SOLE	1	13,954	0	0
STONE ENERGY CORP	COM	861642403	463	12,475	SH	SOLE	1	12,475	0	0
STONERIDGE INC	COM	86183P102	475	17,209	SH	SOLE	1	17,209	0	0
STORE CAPITAL CORP	COM	862121100	89	3,568	SH	SOLE	1	3,568	0	0
STRATASYS LTD	COM	M85548101	652	32,299	SH	SOLE	1	32,299	0	0
STRATUS PROPERTIES INC	COM	863167201	114	3,773	SH	SOLE	1	3,773	0	0
STRAYER EDUCATION INC	COM	863236105	686	6,788	SH	SOLE	1	6,788	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	159	17,911	SH	SOLE	1	17,911	0	0
STRYKER CORP	COM	863667101	22,716	141,164	SH	SOLE	1	141,164	0	0
STURM RUGER & CO INC	COM	864159108	568	10,820	SH	SOLE	1	10,820	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	174	6,950	SH	SOLE	1	6,950	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	902	66,298	SH	SOLE	1	66,298	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	2,143	70,764	SH	SOLE	1	70,764	0	0
SUN COMMUNITIES INC	COM	866674104	147	1,606	SH	SOLE	1	1,606	0	0
SUN HYDRAULICS CORP	COM	866942105	942	17,584	SH	SOLE	1	17,584	0	0
SUNCOKE ENERGY INC	COM	86722A103	443	41,190	SH	SOLE	1	41,190	0	0
SUNCOR ENERGY INC	COM	867224958	443	12,839	SH	SOLE	1	12,839	0	0
SUNPOWER CORP	COM	867652406	305	38,209	SH	SOLE	1	38,209	0	0

SUNRUN INC	COM	86771W105	491	55,030	SH	SOLE	1	55,030	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	2,197	144,324	SH	SOLE	1	144,324	0	0
SUNTRUST BANKS INC	COM	867914103	14,539	213,677	SH	SOLE	1	213,677	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	424	24,912	SH	SOLE	1	24,912	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	3,395	402,692	SH	SOLE	1	402,692	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	209	15,748	SH	SOLE	1	15,748	0	0
SUPERIOR UNIFORM GROUP INC	COM	868358102	143	5,450	SH	SOLE	1	5,450	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,414	30,877	SH	SOLE	1	30,877	0	0
SUPERVALU INC	COM	868536301	373	24,522	SH	SOLE	1	24,522	0	0
SURGERY PARTNERS INC	COM	86881A100	207	12,062	SH	SOLE	1	12,062	0	0
SURMODICS INC	COM	868873100	314	8,247	SH	SOLE	1	8,247	0	0
SUTHERLAND ASSET MANAGEMENT	COM	86933G105	170	11,241	SH	SOLE	1	11,241	0	0
SVB FINANCIAL GROUP	COM	78486Q101	4,516	18,817	SH	SOLE	1	18,817	0	0
SWITCH INC A	COM	87105L104	13	810	SH	SOLE	1	810	0	0
SYKES ENTERPRISES INC	COM	871237103	726	25,080	SH	SOLE	1	25,080	0	0
SYMANTEC CORP	COM	871503108	6,349	245,614	SH	SOLE	1	245,614	0	0
SYNAPTICS INC	COM	87157D109	4,131	90,326	SH	SOLE	1	90,326	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	288	27,266	SH	SOLE	1	27,266	0	0
SYNCHRONY FINANCIAL	COM	87165B103	9,870	294,361	SH	SOLE	1	294,361	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	107	7,527	SH	SOLE	1	7,527	0	0
SYNEOS HEALTH INC	COM	87166B102	5,199	146,456	SH	SOLE	1	146,456	0	0
SYNERGY PHARMACEUTICALS INC	COM	871639308	291	159,187	SH	SOLE	1	159,187	0	0
SYNNEX CORP	COM	87162W100	9,059	76,508	SH	SOLE	1	76,508	0	0
SYNOPSIS INC	COM	871607107	5,011	60,197	SH	SOLE	1	60,197	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	11,857	237,416	SH	SOLE	1	237,416	0	0
SYNTEL INC	COM	87162H103	540	21,137	SH	SOLE	1	21,137	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	128	9,883	SH	SOLE	1	9,883	0	0
SYSCO CORP	COM	871829107	9,277	154,727	SH	SOLE	1	154,727	0	0
SYSTEMAX INC	COM	871851101	210	7,343	SH	SOLE	1	7,343	0	0
T MOBILE US INC	COM	872590104	3,136	51,371	SH	SOLE	1	51,371	0	0
T ROWE PRICE GROUP INC	COM	74144T108	14,687	136,027	SH	SOLE	1	136,027	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	118	1,462	SH	SOLE	1	1,462	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	302	7,784	SH	SOLE	1	7,784	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	264	8,295	SH	SOLE	1	8,295	0	0

TAHOE RESOURCES INC	COM	873868103	30	6,458	SH	SOLE	1	6,458	0	0
TAILORED BRANDS INC	COM	87403A107	787	31,407	SH	SOLE	1	31,407	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	4,671	47,769	SH	SOLE	1	47,769	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	4,160	189,090	SH	SOLE	1	189,090	0	0
TAPESTRY INC	COM	876030107	640,126	12,167,384	SH	SOLE	1	12,167,384	0	0
TARGA RESOURCES CORP	COM	87612G101	419	9,513	SH	SOLE	1	9,513	0	0
TARGET CORP	COM	87612E106	13,692	197,206	SH	SOLE	1	197,206	0	0
TAUBMAN CENTERS INC	COM	876664103	6,935	121,866	SH	SOLE	1	121,866	0	0
TAYLOR MORRISON HOME CORP A	COM	87724P106	1,655	71,077	SH	SOLE	1	71,077	0	0
TC PIPELINES LP	COM	87233QAA6	1,055	1,026,000	SH	SOLE	1	1,026,000	0	0
TCF FINANCIAL CORP	COM	872275102	7,795	341,758	SH	SOLE	1	341,758	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	892	15,053	SH	SOLE	1	15,053	0	0
TE CONNECTIVITY LTD	COM	H84989104	11,816	118,278	SH	SOLE	1	118,278	0	0
TEAM INC	COM	878155100	257	18,711	SH	SOLE	1	18,711	0	0
TECH DATA CORP	COM	878237106	7,761	91,167	SH	SOLE	1	91,167	0	0
TECHNIPFMC PLC	COM	G87110105	4,418	150,024	SH	SOLE	1	150,024	0	0
TECHTARGET	COM	87874R100	249	12,541	SH	SOLE	1	12,541	0	0
TEEKAY CORP	COM	Y8564W103	325	40,175	SH	SOLE	1	40,175	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	155	130,053	SH	SOLE	1	130,053	0	0
TEGNA INC	COM	87901J105	5,467	479,964	SH	SOLE	1	479,964	0	0
TEJON RANCH CO	COM	879080109	273	11,794	SH	SOLE	1	11,794	0	0
TELADOC INC	COM	87918A105	1,496	37,129	SH	SOLE	1	37,129	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	13,363	71,395	SH	SOLE	1	71,395	0	0
TELEFLEX INC	COM	879369106	22,983	90,136	SH	SOLE	1	90,136	0	0
TELENAV INC	COM	879455103	99	18,378	SH	SOLE	1	18,378	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,186	185,011	SH	SOLE	1	185,011	0	0
TELIGENT INC	COM	87960W104	88	26,287	SH	SOLE	1	26,287	0	0
TELLURIAN INC	COM	87968A104	283	39,195	SH	SOLE	1	39,195	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	4,185	92,415	SH	SOLE	1	92,415	0	0
TENET HEALTHCARE CORP	COM	88033G407	5,144	212,106	SH	SOLE	1	212,106	0	0
TENNANT CO	COM	880345103	763	11,276	SH	SOLE	1	11,276	0	0
TENNECO INC	COM	880349105	1,788	32,583	SH	SOLE	1	32,583	0	0
TERADATA CORP	COM	88076W103	9,681	244,040	SH	SOLE	1	244,040	0	0
TERADYNE INC	COM	880770102	17,887	391,304	SH	SOLE	1	391,304	0	0
TEREX CORP	COM	880779103	5,760	153,958	SH	SOLE	1	153,958	0	0
TERRAFORM POWER INC A	COM	88104R209	312	29,052	SH	SOLE	1	29,052	0	0
TERRENO REALTY CORP	COM	88146M101	1,200	34,766	SH	SOLE	1	34,766	0	0

TERRITORIAL BANCORP INC	COM	88145X108	146	4,930	SH	SOLE	1	4,930	0	0
TESARO INC	COM	881569107	120	2,099	SH	SOLE	1	2,099	0	0
TESLA INC	COM	88160R101	2,549	9,577	SH	SOLE	1	9,577	0	0
TETRA TECH INC	COM	88162G103	1,750	35,749	SH	SOLE	1	35,749	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	275	73,205	SH	SOLE	1	73,205	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	101	32,892	SH	SOLE	1	32,892	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	2,049	119,921	SH	SOLE	1	119,921	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	11,701	130,153	SH	SOLE	1	130,153	0	0
TEXAS INSTRUMENTS INC	COM	882508104	577,241	5,556,271	SH	SOLE	1	5,556,271	0	0
TEXAS ROADHOUSE INC	COM	882681109	9,982	172,761	SH	SOLE	1	172,761	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	294	17,345	SH	SOLE	1	17,345	0	0
TEXTRON INC	COM	883203101	5,302	89,909	SH	SOLE	1	89,909	0	0
TFS FINANCIAL CORP	COM	87240R107	16	1,099	SH	SOLE	1	1,099	0	0
TG THERAPEUTICS INC	COM	88322Q108	466	32,823	SH	SOLE	1	32,823	0	0
THERAPEUTICSMID INC	COM	88338N107	516	105,897	SH	SOLE	1	105,897	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	656	27,069	SH	SOLE	1	27,069	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	33,327	161,420	SH	SOLE	1	161,420	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	462	20,604	SH	SOLE	1	20,604	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	820	58,783	SH	SOLE	1	58,783	0	0
THOR INDUSTRIES INC	COM	885160101	11,303	98,139	SH	SOLE	1	98,139	0	0
Tidewater Inc.	COM	88642R109	64,460	2,253,048	SH	SOLE	2	2,253,048	0	0
TIER REIT INC	COM	88650V208	564	30,497	SH	SOLE	1	30,497	0	0
TIFFANY & CO	COM	886547108	3,925	40,192	SH	SOLE	1	40,192	0	0
TILE SHOP HLDGS INC	COM	88677Q109	154	25,712	SH	SOLE	1	25,712	0	0
TILLY S INC CLASS A SHRS	COM	886885102	95	8,391	SH	SOLE	1	8,391	0	0
TIMBERLAND BANCORP INC	COM	887098101	121	3,978	SH	SOLE	1	3,978	0	0
TIME WARNER INC	COM	887317303	27,880	294,781	SH	SOLE	1	294,781	0	0
TIMKEN CO	COM	887389104	6,253	137,122	SH	SOLE	1	137,122	0	0
TIMKENSTEEL CORP	COM	887399103	385	25,343	SH	SOLE	1	25,343	0	0
TINTRI INC	COM	88770Q105	15	8,720	SH	SOLE	1	8,720	0	0
TIPTREE INC	COM	88822Q103	104	16,407	SH	SOLE	1	16,407	0	0
TITAN INTERNATIONAL INC	COM	88830M102	402	31,848	SH	SOLE	1	31,848	0	0
TITAN MACHINERY INC	COM	88830R101	283	12,014	SH	SOLE	1	12,014	0	0
TIVITY HEALTH INC	COM	88870R102	936	23,607	SH	SOLE	1	23,607	0	0
TIVO CORP	COM	88870P106	1,038	76,641	SH	SOLE	1	76,641	0	0

TJX COMPANIES INC	COM	872540109	24,011	294,394	SH	SOLE	1	294,394	0	0
TOCAGEN INC	COM	888846102	135	11,383	SH	SOLE	1	11,383	0	0
TOLL BROTHERS INC	COM	889478103	12,666	292,853	SH	SOLE	1	292,853	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	709	9,360	SH	SOLE	1	9,360	0	0
TOOTSIE ROLL INDS	COM	890516107	1,456	49,430	SH	SOLE	1	49,430	0	0
TOPBUILD CORP	COM	89055F103	1,735	22,673	SH	SOLE	1	22,673	0	0
TORCHMARK CORP	COM	891027104	4,187	49,746	SH	SOLE	1	49,746	0	0
TORO CO	COM	891092108	13,402	214,610	SH	SOLE	1	214,610	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	5,417	62,796	SH	SOLE	1	62,796	0	0
TOWER INTERNATIONAL INC	COM	891826109	351	12,633	SH	SOLE	1	12,633	0	0
TOWNE BANK	COM	89214P109	1,167	40,797	SH	SOLE	1	40,797	0	0
TOWNSQUARE MEDIA INC CL A	COM	892231101	45	5,623	SH	SOLE	1	5,623	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	263	13,226	SH	SOLE	1	13,226	0	0
TPI COMPOSITES INC	COM	87266J104	153	6,831	SH	SOLE	1	6,831	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	2,799	44,408	SH	SOLE	1	44,408	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	771	15,535	SH	SOLE	1	15,535	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	44	1,073	SH	SOLE	1	1,073	0	0
TRANSDIGM GROUP INC	COM	893641100	6,193	20,178	SH	SOLE	1	20,178	0	0
TRANSOCEAN LTD	COM	H8817H100	8,633	872,019	SH	SOLE	1	872,019	0	0
TRANSUNION	COM	89400J107	325	5,732	SH	SOLE	1	5,732	0	0
TRAVELERS COS INC/THE	COM	89417E109	19,737	142,134	SH	SOLE	1	142,134	0	0
TRAVELPORT WORLDWIDE LTD	COM	G9019D104	1,297	79,386	SH	SOLE	1	79,386	0	0
TRECORA RESOURCES	COM	894648104	171	12,563	SH	SOLE	1	12,563	0	0
TREDEGAR CORP	COM	894650100	296	16,517	SH	SOLE	1	16,517	0	0
TREEHOUSE FOODS INC	COM	89469A104	4,324	112,990	SH	SOLE	1	112,990	0	0
TREVENA INC	COM	89532E109	61	37,423	SH	SOLE	1	37,423	0	0
TREX COMPANY INC	COM	89531P105	2,055	18,892	SH	SOLE	1	18,892	0	0
TRI POINTE GROUP INC	COM	87265H109	6,494	395,270	SH	SOLE	1	395,270	0	0
TRIBUNE MEDIA CO A	COM	896047503	68	1,668	SH	SOLE	1	1,668	0	0
TRICO BANCSHARES	COM	896095106	486	13,064	SH	SOLE	1	13,064	0	0
TRIMAS CORP	COM	896215209	764	29,109	SH	SOLE	1	29,109	0	0
TRIMBLE INC	COM	896239100	18,194	507,092	SH	SOLE	1	507,092	0	0
TRINET GROUP INC	COM	896288107	1,225	26,451	SH	SOLE	1	26,451	0	0
TRINITY INDUSTRIES INC	COM	896522109	9,845	301,714	SH	SOLE	1	301,714	0	0
TRINITY PLACE HOLDINGS INC	COM	89656D101	75	11,599	SH	SOLE	1	11,599	0	0
TRINSEO SA	COM	L9340P101	3,100	41,859	SH	SOLE	1	41,859	0	0
TRIPADVISOR INC	COM	896945201	1,620	39,611	SH	SOLE	1	39,611	0	0

TRIPLE S MANAGEMENT CORP B	COM	896749108	382	14,607	SH	SOLE	1	14,607	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	332	14,280	SH	SOLE	1	14,280	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	921	30,083	SH	SOLE	1	30,083	0	0
TRIUMPH BANCORP INC	COM	89679E300	461	11,201	SH	SOLE	1	11,201	0	0
TRIUMPH GROUP INC	COM	896818101	787	31,224	SH	SOLE	1	31,224	0	0
TRONC INC	COM	89703P107	210	12,809	SH	SOLE	1	12,809	0	0
TRONOX LTD CL A	COM	Q9235V101	1,060	57,480	SH	SOLE	1	57,480	0	0
TRUEBLUE INC	COM	89785X101	676	26,104	SH	SOLE	1	26,104	0	0
TRUECAR INC	COM	89785L107	425	44,977	SH	SOLE	1	44,977	0	0
TRUPANION INC	COM	898202106	434	14,531	SH	SOLE	1	14,531	0	0
TRUSTCO BANK CORP NY	COM	898349105	499	59,083	SH	SOLE	1	59,083	0	0
TRUSTMARK CORP	COM	898402102	5,528	177,399	SH	SOLE	1	177,399	0	0
TTEC HOLDINGS INC	COM	89854H102	273	8,880	SH	SOLE	1	8,880	0	0
TTM TECHNOLOGIES	COM	87305R109	903	59,079	SH	SOLE	1	59,079	0	0
TUCOWS INC CLASS A	COM	898697206	326	5,813	SH	SOLE	1	5,813	0	0
TUPPERWARE BRANDS CORP	COM	899896104	4,952	102,348	SH	SOLE	1	102,348	0	0
TURNING POINT BRANDS INC	COM	90041L105	64	3,292	SH	SOLE	1	3,292	0	0
TUTOR PERINI CORP	COM	901109108	527	23,919	SH	SOLE	1	23,919	0	0
TWENTY FIRST CENTURY FOX B	COM	90130A200	6,794	186,796	SH	SOLE	1	186,796	0	0
TWENTY FIRST CENTURY FOX A	COM	90130A101	16,788	457,558	SH	SOLE	1	457,558	0	0
TWILIO INC A	COM	90138F102	1,518	39,754	SH	SOLE	1	39,754	0	0
TWIN DISC INC	COM	901476101	119	5,457	SH	SOLE	1	5,457	0	0
TWITTER INC	COM	90184L102	623	21,488	SH	SOLE	1	21,488	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	56	3,621	SH	SOLE	1	3,621	0	0
TWO RIVER BANCORP	COM	90207C105	83	4,606	SH	SOLE	1	4,606	0	0
TYLER TECHNOLOGIES INC	COM	902252105	14,888	70,572	SH	SOLE	1	70,572	0	0
TYSON FOODS INC CL A	COM	902494103	8,546	116,762	SH	SOLE	1	116,762	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	629	7,738	SH	SOLE	1	7,738	0	0
UBIQUITI NETWORKS INC	COM	90347A100	987	14,340	SH	SOLE	1	14,340	0	0
UDR INC	COM	902653104	3,195	89,710	SH	SOLE	1	89,710	0	0
UFP TECHNOLOGIES INC	COM	902673102	122	4,128	SH	SOLE	1	4,128	0	0
UGI CORP	COM	902681105	15,632	351,909	SH	SOLE	1	351,909	0	0
ULTA BEAUTY INC	COM	90384S303	5,466	26,757	SH	SOLE	1	26,757	0	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	14,170	58,145	SH	SOLE	1	58,145	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	465	24,178	SH	SOLE	1	24,178	0	0

ULTRA PETROLEUM CORP	COM	903914208	520	124,768	SH	SOLE	1	124,768	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,452	28,483	SH	SOLE	1	28,483	0	0
UMB FINANCIAL CORP	COM	902788108	8,407	116,137	SH	SOLE	1	116,137	0	0
UMH PROPERTIES INC	COM	903002103	267	19,881	SH	SOLE	1	19,881	0	0
UMPQUA HOLDINGS CORP	COM	904214103	12,376	578,045	SH	SOLE	1	578,045	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,043	63,808	SH	SOLE	1	63,808	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,184	82,487	SH	SOLE	1	82,487	0	0
UNIFI INC	COM	904677200	357	9,841	SH	SOLE	1	9,841	0	0
UNIFIRST CORP/MA	COM	904708104	1,580	9,773	SH	SOLE	1	9,773	0	0
UNION BANKSHARES CORP	COM	90539J109	1,314	35,790	SH	SOLE	1	35,790	0	0
UNION BANKSHARES INC /VT	COM	905400107	127	2,491	SH	SOLE	1	2,491	0	0
UNION PACIFIC CORP	COM	907818108	42,835	318,644	SH	SOLE	1	318,644	0	0
UNISYS CORP	COM	909214306	346	32,191	SH	SOLE	1	32,191	0	0
UNIT CORP	COM	909218109	654	33,112	SH	SOLE	1	33,112	0	0
UNITED BANKSHARES INC	COM	909907107	9,585	271,916	SH	SOLE	1	271,916	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,481	46,786	SH	SOLE	1	46,786	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	309	31,320	SH	SOLE	1	31,320	0	0
UNITED CONTINENTAL HOLDINGS	COM	910047109	6,311	90,842	SH	SOLE	1	90,842	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	524	32,352	SH	SOLE	1	32,352	0	0
UNITED FIRE GROUP INC	COM	910340108	648	13,537	SH	SOLE	1	13,537	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	252	13,169	SH	SOLE	1	13,169	0	0
UNITED NATURAL FOODS INC	COM	911163103	5,677	132,204	SH	SOLE	1	132,204	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	31,602	301,952	SH	SOLE	1	301,952	0	0
UNITED RENTALS INC	COM	911363109	5,321	30,807	SH	SOLE	1	30,807	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	89	8,324	SH	SOLE	1	8,324	0	0
UNITED STATES LIME & MINERAL	COM	911922102	92	1,262	SH	SOLE	1	1,262	0	0
UNITED STATES STEEL CORP	COM	912909108	12,381	351,826	SH	SOLE	1	351,826	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	47,929	380,935	SH	SOLE	1	380,935	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	9,964	88,676	SH	SOLE	1	88,676	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	64,087	299,472	SH	SOLE	1	299,472	0	0
UNITI GROUP INC	COM	91325V108	5,362	329,940	SH	SOLE	1	329,940	0	0
UNITIL CORP	COM	913259107	433	9,335	SH	SOLE	1	9,335	0	0
UNITY BANCORP INC	COM	913290102	108	4,931	SH	SOLE	1	4,931	0	0

UNIVAR INC	COM	91336L107	72	2,595	SH	SOLE	1	2,595	0	0
UNIVERSAL CORP/VA	COM	913456109	767	15,818	SH	SOLE	1	15,818	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	96	949	SH	SOLE	1	949	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	470	9,032	SH	SOLE	1	9,032	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,245	38,372	SH	SOLE	1	38,372	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	487	8,105	SH	SOLE	1	8,105	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,532	29,827	SH	SOLE	1	29,827	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	635	19,906	SH	SOLE	1	19,906	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	113	5,340	SH	SOLE	1	5,340	0	0
UNIVEST CORP OF PENNSYLVANIA	COM UNITS	915271100	506	18,258	SH	SOLE	1	18,258	0	0
UNUM GROUP	COM	91529Y106	3,617	75,961	SH	SOLE	1	75,961	0	0
UPLAND SOFTWARE INC	COM	91544A109	150	5,203	SH	SOLE	1	5,203	0	0
URANIUM ENERGY CORP	COM	916896103	114	87,253	SH	SOLE	1	87,253	0	0
URBAN EDGE PROPERTIES	COM	91704F104	5,885	275,663	SH	SOLE	1	275,663	0	0
URBAN OUTFITTERS INC	COM	917047102	5,923	160,249	SH	SOLE	1	160,249	0	0
URSTADT BIDDLE CLASS A	COM	917286205	365	18,887	SH	SOLE	1	18,887	0	0
US BANCORP	COM	902973304	38,313	758,679	SH	SOLE	1	758,679	0	0
US CELLULAR CORP	COM	911684108	12	293	SH	SOLE	1	293	0	0
US CONCRETE INC	COM	90333L201	612	10,131	SH	SOLE	1	10,131	0	0
US ECOLOGY INC	COM	91732J102	745	13,971	SH	SOLE	1	13,971	0	0
US FOODS HOLDING CORP	COM	912008109	142	4,325	SH	SOLE	1	4,325	0	0
US SILICA HOLDINGS INC	COM	90346E103	1,333	52,233	SH	SOLE	1	52,233	0	0
USA TECHNOLOGIES INC	COM	90328S500	279	30,993	SH	SOLE	1	30,993	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	623	7,250	SH	SOLE	1	7,250	0	0
USG CORP	COM	903293405	72	1,782	SH	SOLE	1	1,782	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	216	2,184	SH	SOLE	1	2,184	0	0
VAIL RESORTS INC	COM	91879Q109	593	2,673	SH	SOLE	1	2,673	0	0
VALERO ENERGY CORP	COM	91913Y100	16,941	182,612	SH	SOLE	1	182,612	0	0
VALHI INC	COM	918905100	98	16,167	SH	SOLE	1	16,167	0	0
VALIDUS HOLDINGS LTD	COM	G9319H102	109	1,614	SH	SOLE	1	1,614	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,586	689,106	SH	SOLE	1	689,106	0	0
VALMONT INDUSTRIES	COM	920253101	6,640	45,386	SH	SOLE	1	45,386	0	0
VALUE LINE INC	COM	920437100	13	701	SH	SOLE	1	701	0	0
VALVOLINE INC	COM	92047W101	8,857	400,243	SH	SOLE	1	400,243	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	474	28,152	SH	SOLE	1	28,152	0	0

VANGUARD RUSSELL 2000 ETF	RUSS 2000	92206C664	1,183	9,700	SH	SOLE	1	9,700	0	0
VAREX IMAGING CORP	COM	92214X106	862	24,090	SH	SOLE	1	24,090	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,176	34,052	SH	SOLE	1	34,052	0	0
VARONIS SYSTEMS INC	COM	922280102	766	12,658	SH	SOLE	1	12,658	0	0
VASCO DATA SECURITY INTL	COM	92230Y104	251	19,356	SH	SOLE	1	19,356	0	0
VBI VACCINES INC	COM	91822J103	77	22,084	SH	SOLE	1	22,084	0	0
VECTOR GROUP LTD	COM	92240M108	2,270	111,305	SH	SOLE	1	111,305	0	0
VECTREN CORP	COM	92240G101	10,619	166,127	SH	SOLE	1	166,127	0	0
VECTRUS INC	COM	92242T101	264	7,102	SH	SOLE	1	7,102	0	0
VEECO INSTRUMENTS INC	COM	922417100	513	30,169	SH	SOLE	1	30,169	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	294	4,023	SH	SOLE	1	4,023	0	0
VENTAS INC	COM	92276F100	8,129	164,113	SH	SOLE	1	164,113	0	0
VERA BRADLEY INC	COM	92335C106	133	12,565	SH	SOLE	1	12,565	0	0
VERACYTE INC	COM	92337F107	84	15,140	SH	SOLE	1	15,140	0	0
VEREIT INC	COM	92339V100	142	20,459	SH	SOLE	1	20,459	0	0
VERIFONE SYSTEMS INC	COM	92342Y109	4,443	288,874	SH	SOLE	1	288,874	0	0
VERINT SYSTEMS INC	COM	92343X100	1,733	40,672	SH	SOLE	1	40,672	0	0
VERISIGN INC	COM	92343E102	3,903	32,916	SH	SOLE	1	32,916	0	0
VERISK ANALYTICS INC	COM	92345Y106	7,088	68,155	SH	SOLE	1	68,155	0	0
VERITEX HOLDINGS INC	COM	923451108	286	10,344	SH	SOLE	1	10,344	0	0
VERITIV CORP	COM	923454102	288	7,342	SH	SOLE	1	7,342	0	0
VERITONE INC	COM	92347M100	26	1,853	SH	SOLE	1	1,853	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	549,238	11,485,529	SH	SOLE	1	11,485,529	0	0
VERSARTIS INC	COM	92529L102	35	21,091	SH	SOLE	1	21,091	0	0
VERSO CORP A	COM	92531L207	370	21,977	SH	SOLE	1	21,977	0	0
VERSUM MATERIALS INC	COM	92532W103	8,201	217,940	SH	SOLE	1	217,940	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	18,045	110,721	SH	SOLE	1	110,721	0	0
VF CORP	COM	918204108	21,189	285,868	SH	SOLE	1	285,868	0	0
VIACOM INC CLASS A	COM	92553P102	8	210	SH	SOLE	1	210	0	0
VIACOM INC CLASS B	COM	92553P201	17,596	566,523	SH	SOLE	1	566,523	0	0
VIAD CORP	COM	92552R406	678	12,928	SH	SOLE	1	12,928	0	0
VIASAT INC	COM	92552V100	9,413	143,232	SH	SOLE	1	143,232	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,423	146,382	SH	SOLE	1	146,382	0	0
VICI PROPERTIES INC	COM	925652109	106	5,802	SH	SOLE	1	5,802	0	0
VICOR CORP	COM	925815102	306	10,712	SH	SOLE	1	10,712	0	0
VIEWRAY INC	COM	92672L107	126	19,550	SH	SOLE	1	19,550	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	134	5,096	SH	SOLE	1	5,096	0	0
VIRNETX HOLDING CORP	COM	92823T108	130	32,865	SH	SOLE	1	32,865	0	0

VIRTU FINANCIAL INC CLASS A	COM	928254101	533	16,160	SH	SOLE	1	16,160	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	544	4,396	SH	SOLE	1	4,396	0	0
VIRTUSA CORP	COM	92827P102	838	17,285	SH	SOLE	1	17,285	0	0
VISA INC CLASS A SHARES	COM	92826C839	84,412	705,668	SH	SOLE	1	705,668	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	6,437	346,052	SH	SOLE	1	346,052	0	0
VISHAY PRECISION GROUP	COM	92835K103	202	6,491	SH	SOLE	1	6,491	0	0
VISTA OUTDOOR INC	COM	928377100	597	36,566	SH	SOLE	1	36,566	0	0
VISTEON CORP	COM	92839U206	79	714	SH	SOLE	1	714	0	0
VISTRA ENERGY CORP	COM	92840M102	105	5,053	SH	SOLE	1	5,053	0	0
VITAMIN SHOPPE INC	COM	92849E101	59	13,644	SH	SOLE	1	13,644	0	0
VIVEVE MEDICAL INC	COM	92852W204	47	12,956	SH	SOLE	1	12,956	0	0
VIVINT SOLAR INC	COM	92854Q106	63	17,278	SH	SOLE	1	17,278	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	433	18,497	SH	SOLE	1	18,497	0	0
VODAFONE GROUP PLC SP ADR	ADR	92857W308	749	26,930	SH	SOLE	1	26,930	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,401	131,573	SH	SOLE	1	131,573	0	0
VORNADO REALTY TRUST	COM	929042109	4,934	73,314	SH	SOLE	1	73,314	0	0
VOXX INTERNATIONAL CORP	COM	91829F104	63	12,821	SH	SOLE	1	12,821	0	0
VOYA FINANCIAL INC	COM	929089100	3,303	65,405	SH	SOLE	1	65,405	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	205	10,901	SH	SOLE	1	10,901	0	0
VSE CORP	COM	918284100	285	5,519	SH	SOLE	1	5,519	0	0
VTV THERAPEUTICS INC CL A	COM	918385105	18	4,534	SH	SOLE	1	4,534	0	0
VULCAN MATERIALS CO	COM	929160109	6,260	54,828	SH	SOLE	1	54,828	0	0
W&T OFFSHORE INC	COM	92922P106	266	59,958	SH	SOLE	1	59,958	0	0
WABASH NATIONAL CORP	COM	929566107	777	37,343	SH	SOLE	1	37,343	0	0
WABCO HOLDINGS INC	COM	92927K102	154	1,154	SH	SOLE	1	1,154	0	0
WABTEC CORP	COM	929740108	13,931	171,145	SH	SOLE	1	171,145	0	0
WADDELL & REED FINANCIAL A	COM	930059100	1,039	51,392	SH	SOLE	1	51,392	0	0
WAGeworks INC	COM	930427109	1,150	25,434	SH	SOLE	1	25,434	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	28,164	430,180	SH	SOLE	1	430,180	0	0
WALKER & DUNLOP INC	COM	93148P102	1,055	17,747	SH	SOLE	1	17,747	0	0
WALMART INC	COM	931142103	45,648	513,069	SH	SOLE	1	513,069	0	0
WALT DISNEY CO/THE	COM	254687106	62,630	623,555	SH	SOLE	1	623,555	0	0
WARRIOR MET COAL INC	COM	93627C101	592	21,143	SH	SOLE	1	21,143	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,818	225,950	SH	SOLE	1	225,950	0	0

WASHINGTON PRIME GROUP INC	COM	93964W108	3,248	487,021	SH	SOLE	1	487,021	0	0
WASHINGTON REIT	COM	939653101	1,377	50,454	SH	SOLE	1	50,454	0	0
WASHINGTON TRUST BANCORP	COM	940610108	515	9,587	SH	SOLE	1	9,587	0	0
WASTE CONNECTIONS INC	COM	94106B101	266	3,708	SH	SOLE	1	3,708	0	0
WASTE MANAGEMENT INC	COM	94106L109	14,348	170,570	SH	SOLE	1	170,570	0	0
WATERS CORP	COM	941848103	5,453	27,448	SH	SOLE	1	27,448	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	283	16,330	SH	SOLE	1	16,330	0	0
WATSCO INC	COM	942622200	11,591	64,051	SH	SOLE	1	64,051	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,383	17,800	SH	SOLE	1	17,800	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	305	7,596	SH	SOLE	1	7,596	0	0
WAYFAIR INC CLASS A	COM	94419L101	59	874	SH	SOLE	1	874	0	0
WD 40 CO	COM	929236107	1,164	8,836	SH	SOLE	1	8,836	0	0
WEATHERFORD INTERNATIONAL PL	COM	G48833100	42	18,475	SH	SOLE	1	18,475	0	0
WEB.COM GROUP INC	COM	94733A104	444	24,536	SH	SOLE	1	24,536	0	0
WEBSTER FINANCIAL CORP	COM	947890109	10,208	184,260	SH	SOLE	1	184,260	0	0
WEC ENERGY GROUP INC	COM	92939U106	9,779	155,964	SH	SOLE	1	155,964	0	0
WEIGHT WATCHERS INTL INC	COM	948626106	1,140	17,898	SH	SOLE	1	17,898	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	6,711	238,985	SH	SOLE	1	238,985	0	0
WEIS MARKETS INC	COM	948849104	251	6,118	SH	SOLE	1	6,118	0	0
WELBILT INC	COM	949090104	57	2,938	SH	SOLE	1	2,938	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	18,227	94,131	SH	SOLE	1	94,131	0	0
WELLS FARGO & CO	COM	949746101	74,140	1,414,614	SH	SOLE	1	1,414,614	0	0
WELLTOWER INC	COM	95040Q104	8,702	159,871	SH	SOLE	1	159,871	0	0
WENDY S CO/THE	COM	95058W100	6,311	359,595	SH	SOLE	1	359,595	0	0
WERNER ENTERPRISES INC	COM	950755108	4,359	119,414	SH	SOLE	1	119,414	0	0
WESBANCO INC	COM	950810101	1,139	26,921	SH	SOLE	1	26,921	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	365	35,644	SH	SOLE	1	35,644	0	0
WESCO INTERNATIONAL INC	COM	95082P105	61	982	SH	SOLE	1	982	0	0
WEST BANCORPORATION	COM	95123P106	260	10,154	SH	SOLE	1	10,154	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	13,079	148,136	SH	SOLE	1	148,136	0	0
WESTAMERICA BANCORPORATION	COM	957090103	945	16,277	SH	SOLE	1	16,277	0	0
WESTAR ENERGY INC	COM	95709T100	14,964	284,532	SH	SOLE	1	284,532	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	125	2,145	SH	SOLE	1	2,145	0	0

WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	253	26,125	SH	SOLE	1	26,125	0	0
WESTERN DIGITAL CORP	COM	958102105	13,552	146,871	SH	SOLE	1	146,871	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	188	17,682	SH	SOLE	1	17,682	0	0
WESTERN UNION CO	COM	959802109	3,227	167,827	SH	SOLE	1	167,827	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	87	779	SH	SOLE	1	779	0	0
WESTMORELAND COAL CO	COM	960878106	5	11,830	SH	SOLE	1	11,830	0	0
WESTROCK CO	COM	96145D105	6,503	101,347	SH	SOLE	1	101,347	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	293	5,188	SH	SOLE	1	5,188	0	0
WEX INC	COM	96208T104	12,545	80,100	SH	SOLE	1	80,100	0	0
WEYCO GROUP INC	COM	962149100	133	3,952	SH	SOLE	1	3,952	0	0
WEYERHAEUSER CO	COM	962166104	12,785	365,278	SH	SOLE	1	365,278	0	0
WGL HOLDINGS INC	COM	92924F106	11,246	134,439	SH	SOLE	1	134,439	0	0
WHEATON PRECIOUS METALS CORP	COM	962879953	160	7,836	SH	SOLE	1	7,836	0	0
WHIRLPOOL CORP	COM	963320106	4,493	29,343	SH	SOLE	1	29,343	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	61	74	SH	SOLE	1	74	0	0
WHITESTONE REIT	COM	966084204	247	23,817	SH	SOLE	1	23,817	0	0
WHITING PETROLEUM CORP	COM	966387409	64	1,883	SH	SOLE	1	1,883	0	0
WIDOPENWEST INC	COM	96758W101	124	17,404	SH	SOLE	1	17,404	0	0
WILDHORSE RESOURCE DEVELOPME	COM	96812T102	594	31,104	SH	SOLE	1	31,104	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	5,658	88,822	SH	SOLE	1	88,822	0	0
WILLDAN GROUP INC	COM	96924N100	139	4,910	SH	SOLE	1	4,910	0	0
WILLIAM LYON HOMES CL A	COM	552074700	563	20,493	SH	SOLE	1	20,493	0	0
WILLIAMS COS INC	COM	969457100	7,064	284,164	SH	SOLE	1	284,164	0	0
WILLIAMS SONOMA INC	COM	969904101	8,901	168,700	SH	SOLE	1	168,700	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	76	2,204	SH	SOLE	1	2,204	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	7,586	49,847	SH	SOLE	1	49,847	0	0
WINDSTREAM HOLDINGS INC	COM	97382A200	165	117,023	SH	SOLE	1	117,023	0	0
WINGSTOP INC	COM	974155103	877	18,576	SH	SOLE	1	18,576	0	0
WINMARK CORP	COM	974250102	181	1,380	SH	SOLE	1	1,380	0	0
WINNEBAGO INDUSTRIES	COM	974637100	757	20,145	SH	SOLE	1	20,145	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	12,630	146,777	SH	SOLE	1	146,777	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	676	73,752	SH	SOLE	1	73,752	0	0
WMIH CORP	COM	92936P100	176	123,741	SH	SOLE	1	123,741	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,722	59,580	SH	SOLE	1	59,580	0	0

WOODWARD INC	COM	980745103	10,264	143,236	SH	SOLE	1	143,236	0	0
WORKDAY INC CLASS A	COM	98138H101	1,567	12,327	SH	SOLE	1	12,327	0	0
WORKIVA INC	COM	98139A105	387	16,320	SH	SOLE	1	16,320	0	0
WORLD ACCEPTANCE CORP	COM	981419104	410	3,890	SH	SOLE	1	3,890	0	0
WORLD FUEL SERVICES CORP	COM	981475106	3,322	135,301	SH	SOLE	1	135,301	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	973	27,026	SH	SOLE	1	27,026	0	0
WORLDPAY INC CLASS A	COM	981558109	834	10,147	SH	SOLE	1	10,147	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,911	114,415	SH	SOLE	1	114,415	0	0
WP CAREY INC	COM	92936U109	137	2,208	SH	SOLE	1	2,208	0	0
WPX ENERGY INC	COM	98212B103	11,773	796,569	SH	SOLE	1	796,569	0	0
WR BERKLEY CORP	COM	084423102	14,524	199,782	SH	SOLE	1	199,782	0	0
WR GRACE & CO	COM	38388F108	95	1,557	SH	SOLE	1	1,557	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	1,344	67,765	SH	SOLE	1	67,765	0	0
WSFS FINANCIAL CORP	COM	929328102	926	19,322	SH	SOLE	1	19,322	0	0
WW GRAINGER INC	COM	384802104	19,455	68,922	SH	SOLE	1	68,922	0	0
WYNDHAM WORLDWIDE CORP	COM	98310W108	5,377	46,991	SH	SOLE	1	46,991	0	0
WYNN RESORTS LTD	COM	983134107	5,933	32,533	SH	SOLE	1	32,533	0	0
XBIOTECH INC	COM	98400H102	66	12,350	SH	SOLE	1	12,350	0	0
XCEL ENERGY INC	COM	98389B100	9,510	209,095	SH	SOLE	1	209,095	0	0
XCERRA CORP	COM	98400J108	403	34,616	SH	SOLE	1	34,616	0	0
XENCOR INC	COM	98401F105	730	24,344	SH	SOLE	1	24,344	0	0
XENIA HOTELS & RESORTS INC	COM UNITS	984017103	1,357	68,834	SH	SOLE	1	68,834	0	0
XEROX CORP	COM	984121608	2,742	95,283	SH	SOLE	1	95,283	0	0
XILINX INC	COM	983919101	7,251	100,367	SH	SOLE	1	100,367	0	0
XL GROUP LTD	COM	G98294104	5,433	98,310	SH	SOLE	1	98,310	0	0
XO GROUP INC	COM	983772104	326	15,730	SH	SOLE	1	15,730	0	0
XPERI CORP	COM	98421B100	662	31,299	SH	SOLE	1	31,299	0	0
XPO LOGISTICS INC	COM	983793100	269	2,644	SH	SOLE	1	2,644	0	0
XYLEM INC	COM	98419M100	4,639	60,312	SH	SOLE	1	60,312	0	0
YELP INC	COM	985817105	2,133	51,093	SH	SOLE	1	51,093	0	0
YEXT INC	COM	98585N106	192	15,203	SH	SOLE	1	15,203	0	0
YORK WATER CO	COM	987184108	254	8,204	SH	SOLE	1	8,204	0	0
YRC WORLDWIDE INC	COM	984249607	187	21,124	SH	SOLE	1	21,124	0	0
YUM BRANDS INC	COM	988498101	12,348	145,047	SH	SOLE	1	145,047	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	346	8,332	SH	SOLE	1	8,332	0	0
ZAGG INC	COM	98884U108	212	17,381	SH	SOLE	1	17,381	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	145	4,249	SH	SOLE	1	4,249	0	0

ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	14,838	106,605	SH	SOLE	1	106,605	0	0
ZENDESK INC	COM	98936J101	3,051	63,742	SH	SOLE	1	63,742	0	0
ZILLOW GROUP INC A	COM	98954M101	65	1,202	SH	SOLE	1	1,202	0	0
ZILLOW GROUP INC C	COM	98954M200	129	2,404	SH	SOLE	1	2,404	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	7,441	68,240	SH	SOLE	1	68,240	0	0
ZIONS BANCORPORATION	COM	989701107	3,555	67,415	SH	SOLE	1	67,415	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	329	83,989	SH	SOLE	1	83,989	0	0
ZIX CORP	COM	98974P100	149	34,796	SH	SOLE	1	34,796	0	0
ZOE S KITCHEN INC	COM	98979J109	176	12,209	SH	SOLE	1	12,209	0	0
ZOETIS INC	COM	98978V103	18,872	225,979	SH	SOLE	1	225,979	0	0
ZOGENIX INC	COM	98978L204	876	21,881	SH	SOLE	1	21,881	0	0
ZUMIEZ INC	COM	989817101	282	11,783	SH	SOLE	1	11,783	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	65	7,457	SH	SOLE	1	7,457	0	0
ZYNKA INC CL A	COM	98986T108	59	16,105	SH	SOLE	1	16,105	0	0