

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		COLUMN 5 PUT/ INVESTMENT	COLUMN 6 DISCRETION	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY		
			VALUE (x\$1000)	SHRS OR PRN AMT				SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	232	15,664 SH	SOLE	1	15,664	0	0	
1ST CONSTITUTION BANCORP	COM	31986N102	89	4,735 SH	SOLE	1	4,735	0	0	
1ST SOURCE CORP	COM	336901103	408	8,911 SH	SOLE	1	8,911	0	0	
22ND CENTURY GROUP INC	COM	90137F103	165	73,068 SH	SOLE	1	73,068	0	0	
2U INC	COM	90214J101	17	1,073 SH	SOLE	1	1,073	0	0	
3D SYSTEMS CORP	COM	88554D205	698	85,628 SH	SOLE	1	85,628	0	0	
3M CO	COM	88579Y101	54,075	328,925 SH	SOLE	1	328,925	0	0	
51JOB INC ADR	ADR	316827104	22	300 SH	SOLE	1	300	0	0	
58.COM INC ADR	ADR	31680Q104	64	1,302 SH	SOLE	1	1,302	0	0	
8X8 INC	COM	282914100	1,453	70,119 SH	SOLE	1	70,119	0	0	
A10 NETWORKS INC	COM	002121101	248	35,707 SH	SOLE	1	35,707	0	0	
AAON INC	COM	000360206	1,397	30,405 SH	SOLE	1	30,405	0	0	
AAR CORP	COM	000361105	1,017	24,678 SH	SOLE	1	24,678	0	0	
AARON S INC	COM	002535300	10,999	171,159 SH	SOLE	1	171,159	0	0	
ABBOTT LABORATORIES	COM	002824100	54,203	647,816 SH	SOLE	1	647,816	0	0	
ABBVIE INC	COM	00287Y109	320,354	4,230,768 SH	SOLE	1	4,230,768	0	0	
ABEONA THERAPEUTICS INC	COM	00289Y107	46	20,325 SH	SOLE	1	20,325	0	0	
ABERCROMBIE & FITCH CO CL A	CL A	002896207	755	48,374 SH	SOLE	1	48,374	0	0	
ABIOMED INC	COM	003654100	2,897	16,288 SH	SOLE	1	16,288	0	0	
ABM INDUSTRIES INC	COM	000957100	1,793	49,354 SH	SOLE	1	49,354	0	0	
ABRAXAS PETROLEUM CORP	COM	003830106	51	101,138 SH	SOLE	1	101,138	0	0	
ACACIA COMMUNICATIONS INC	COM	00401C108	1,566	23,948 SH	SOLE	1	23,948	0	0	
ACACIA RESEARCH CORP	COM	003881307	82	30,679 SH	SOLE	1	30,679	0	0	
ACADIA HEALTHCARE CO INC	COM	00404A109	5,277	169,794 SH	SOLE	1	169,794	0	0	
ACADIA PHARMACEUTICALS INC	COM	004225108	2,394	66,530 SH	SOLE	1	66,530	0	0	
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,765	61,760 SH	SOLE	1	61,760	0	0	
ACCELERATE DIAGNOSTICS INC	COM	00430H102	320	17,223 SH	SOLE	1	17,223	0	0	
ACCELERON PHARMA INC	COM	00434H108	1,124	28,439 SH	SOLE	1	28,439	0	0	

ACCENTURE PLC CL A	SHS CL A	G1151C101	39,475	205,225	SH	SOLE	1	205,225	0	0
ACCO BRANDS CORP	COM	00081T108	601	60,870	SH	SOLE	1	60,870	0	0
ACCURAY INC	COM	004397105	152	54,857	SH	SOLE	1	54,857	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	109	49,480	SH	SOLE	1	49,480	0	0
ACER THERAPEUTICS INC	COM	00444P108	10	3,169	SH	SOLE	1	3,169	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	310	86,042	SH	SOLE	1	86,042	0	0
ACI WORLDWIDE INC	COM	004498101	9,233	294,737	SH	SOLE	1	294,737	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	21	19,457	SH	SOLE	1	19,457	0	0
ACNB CORP	COM	000868109	148	4,319	SH	SOLE	1	4,319	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	97	33,624	SH	SOLE	1	33,624	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	17,109	323,305	SH	SOLE	1	323,305	0	0
ACTUANT CORP A	COM	00508X203	905	41,246	SH	SOLE	1	41,246	0	0
ACUITY BRANDS INC	COM	00508Y102	10,328	76,621	SH	SOLE	1	76,621	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	587	22,220	SH	SOLE	1	22,220	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	73	14,257	SH	SOLE	1	14,257	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	11	362	SH	SOLE	1	362	0	0
ADDUS HOMECARE CORP	COM	006739106	643	8,108	SH	SOLE	1	8,108	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	146	17,093	SH	SOLE	1	17,093	0	0
ADIANT PLC	COM	G0084W101	5,074	220,998	SH	SOLE	1	220,998	0	0
ADMA BIOLOGICS INC	COM	000899104	141	31,781	SH	SOLE	1	31,781	0	0
ADOBE INC	COM	00724F101	56,471	204,420	SH	SOLE	1	204,420	0	0
ADT INC	COM	00090Q103	11	1,830	SH	SOLE	1	1,830	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	5,338	140,134	SH	SOLE	1	140,134	0	0
ADTRAN INC	COM	00738A106	401	35,358	SH	SOLE	1	35,358	0	0
ADURO BIOTECH INC	COM	00739L101	44	41,362	SH	SOLE	1	41,362	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,984	24,087	SH	SOLE	1	24,087	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,495	45,892	SH	SOLE	1	45,892	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	742	22,987	SH	SOLE	1	22,987	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	154	10,392	SH	SOLE	1	10,392	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,622	28,253	SH	SOLE	1	28,253	0	0
ADVANCED MICRO DEVICES	COM	007903107	13,241	456,757	SH	SOLE	1	456,757	0	0
ADVANSIX INC	COM	00773T101	532	20,680	SH	SOLE	1	20,680	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	186	34,085	SH	SOLE	1	34,085	0	0
AECOM	COM	00766T100	12,487	332,461	SH	SOLE	1	332,461	0	0
AEGION CORP	COM	00770F104	484	22,635	SH	SOLE	1	22,635	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	127	16,521	SH	SOLE	1	16,521	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,250	22,838	SH	SOLE	1	22,838	0	0

AERIE PHARMACEUTICALS INC	COM	00771V108	512	26,655	SH	SOLE	1	26,655	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,733	54,099	SH	SOLE	1	54,099	0	0
AEROVIRONMENT INC	COM	008073108	847	15,819	SH	SOLE	1	15,819	0	0
AES CORP	COM	00130H105	6,493	397,375	SH	SOLE	1	397,375	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	1,450	17,391	SH	SOLE	1	17,391	0	0
AFFIMED NV	COM	N01045108	112	38,027	SH	SOLE	1	38,027	0	0
AFLAC INC	COM	001055102	16,540	316,138	SH	SOLE	1	316,138	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	311	20,551	SH	SOLE	1	20,551	0	0
AGCO CORP	COM	001084102	9,190	121,395	SH	SOLE	1	121,395	0	0
AGENUS INC	COM	00847G705	174	67,576	SH	SOLE	1	67,576	0	0
AGEX THERAPEUTICS INC	COM	00848H108	26	13,431	SH	SOLE	1	13,431	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	9,579	125,005	SH	SOLE	1	125,005	0	0
AGILYSYS INC	COM	00847J105	392	15,305	SH	SOLE	1	15,305	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	29	881	SH	SOLE	1	881	0	0
AGNC INVESTMENT CORP	COM	00123Q104	143	8,884	SH	SOLE	1	8,884	0	0
AGREE REALTY CORP	COM	008492100	2,233	30,530	SH	SOLE	1	30,530	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	587	28,055	SH	SOLE	1	28,055	0	0
AIR LEASE CORP	COM	00912X302	73	1,748	SH	SOLE	1	1,748	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	18,273	82,361	SH	SOLE	1	82,361	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	776	36,927	SH	SOLE	1	36,927	0	0
AIRCASTLE LTD	COM	G0129K104	742	33,086	SH	SOLE	1	33,086	0	0
AIRGAIN INC	COM	00938A104	66	5,643	SH	SOLE	1	5,643	0	0
AK STEEL HOLDING CORP	COM	001547108	531	233,701	SH	SOLE	1	233,701	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,360	58,655	SH	SOLE	1	58,655	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	121	7,853	SH	SOLE	1	7,853	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	292	74,548	SH	SOLE	1	74,548	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	69	3,018	SH	SOLE	1	3,018	0	0
AKORN INC	COM	009728106	264	69,373	SH	SOLE	1	69,373	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	123	15,858	SH	SOLE	1	15,858	0	0
ALAMO GROUP INC	COM	011311107	850	7,221	SH	SOLE	1	7,221	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,269	27,204	SH	SOLE	1	27,204	0	0
ALASKA AIR GROUP INC	COM	011659109	3,896	60,028	SH	SOLE	1	60,028	0	0
ALBANY INTL CORP CL A	CL A	012348108	2,048	22,719	SH	SOLE	1	22,719	0	0
ALBEMARLE CORP	COM	012653101	2,530	36,394	SH	SOLE	1	36,394	0	0
ALBIREO PHARMA INC	COM	01345P106	137	6,871	SH	SOLE	1	6,871	0	0
ALCOA CORP	COM	013872106	60	3,010	SH	SOLE	1	3,010	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	869	46,060	SH	SOLE	1	46,060	0	0

ALDEYRA THERAPEUTICS INC	COM	01438T106	75	14,242	SH	SOLE	1	14,242	0	0
ALECTOR INC	COM	014442107	276	19,129	SH	SOLE	1	19,129	0	0
ALEXANDER & BALDWIN INC	COM	014491104	4,228	172,506	SH	SOLE	1	172,506	0	0
ALEXANDER S INC	COM	014752109	469	1,346	SH	SOLE	1	1,346	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,997	38,931	SH	SOLE	1	38,931	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	9,414	96,116	SH	SOLE	1	96,116	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,371	20,155	SH	SOLE	1	20,155	0	0
ALICO INC	COM	016230104	87	2,549	SH	SOLE	1	2,549	0	0
ALIGN TECHNOLOGY INC	COM	016255101	5,844	32,303	SH	SOLE	1	32,303	0	0
ALKERMES PLC	COM	G01767105	49	2,526	SH	SOLE	1	2,526	0	0
ALLAKOS INC	COM	01671P100	967	12,297	SH	SOLE	1	12,297	0	0
ALLEGHANY CORP	COM	017175100	22,087	27,686	SH	SOLE	1	27,686	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	6,465	319,260	SH	SOLE	1	319,260	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	394	12,293	SH	SOLE	1	12,293	0	0
ALLEGiant TRAVEL CO	COM	01748X102	1,446	9,662	SH	SOLE	1	9,662	0	0
ALLEGION PLC	COM	G0176J109	3,330	32,129	SH	SOLE	1	32,129	0	0
ALLERGAN PLC	COM	G0177J108	18,069	107,366	SH	SOLE	1	107,366	0	0
ALLETE INC	COM	018522300	11,451	131,003	SH	SOLE	1	131,003	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	1,747	13,633	SH	SOLE	1	13,633	0	0
ALLIANT ENERGY CORP	COM	018802108	4,318	80,058	SH	SOLE	1	80,058	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	158	4,466	SH	SOLE	1	4,466	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	127	2,696	SH	SOLE	1	2,696	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	668	24,493	SH	SOLE	1	24,493	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,631	421,743	SH	SOLE	1	421,743	0	0
ALLSTATE CORP	COM	020002101	18,359	168,924	SH	SOLE	1	168,924	0	0
ALLY FINANCIAL INC	COM	02005N100	210	6,340	SH	SOLE	1	6,340	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	197	2,448	SH	SOLE	1	2,448	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	155	12,642	SH	SOLE	1	12,642	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	163,599	133,972	SH	SOLE	1	133,972	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	139,902	114,768	SH	SOLE	1	114,768	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	121	24,106	SH	SOLE	1	24,106	0	0
ALTAIR ENGINEERING INC A	COM	021369103	859	24,798	SH	SOLE	1	24,798	0	0
ALTERYX INC CLASS A	COM	02156B103	119	1,111	SH	SOLE	1	1,111	0	0
ALTICE USA INC A	COM	02156K103	219	7,652	SH	SOLE	1	7,652	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	74	3,638	SH	SOLE	1	3,638	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,125	40,632	SH	SOLE	1	40,632	0	0

ALTRIA GROUP INC	COM	02209S103	254,197	6,215,077	SH	SOLE	1	6,215,077	0	0
ALTUS MIDSTREAM CO A	COM	02215L100	90	31,811	SH	SOLE	1	31,811	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	289	24,989	SH	SOLE	1	24,989	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	140	8,749	SH	SOLE	1	8,749	0	0
AMAZON.COM INC	COM	023135106	275,227	158,549	SH	SOLE	1	158,549	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	656	33,548	SH	SOLE	1	33,548	0	0
AMBARELLA INC	COM	G037AX101	1,253	19,943	SH	SOLE	1	19,943	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	349	32,577	SH	SOLE	1	32,577	0	0
AMC NETWORKS INC A	COM	00164V103	4,180	85,028	SH	SOLE	1	85,028	0	0
AMCOR PLC	COM	G0250X107	5,096	522,707	SH	SOLE	1	522,707	0	0
AMDOCS LTD	COM	G02602103	145	2,197	SH	SOLE	1	2,197	0	0
AMEDISYS INC	COM	023436108	10,613	81,012	SH	SOLE	1	81,012	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	240	6,755	SH	SOLE	1	6,755	0	0
AMERANT BANCORP INC	COM	023576101	256	12,216	SH	SOLE	1	12,216	0	0
AMERCO	COM	023586100	56	143	SH	SOLE	1	143	0	0
AMEREN CORPORATION	COM	023608102	6,536	81,644	SH	SOLE	1	81,644	0	0
AMERESCO INC CL A	CL A	02361E108	223	13,869	SH	SOLE	1	13,869	0	0
AMERICA S CAR MART INC	COM	03062T105	361	3,942	SH	SOLE	1	3,942	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	4,619	171,250	SH	SOLE	1	171,250	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,672	35,782	SH	SOLE	1	35,782	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	683	83,103	SH	SOLE	1	83,103	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	12,673	263,572	SH	SOLE	1	263,572	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	6,558	404,308	SH	SOLE	1	404,308	0	0
AMERICAN ELECTRIC POWER	COM	025537101	15,142	161,621	SH	SOLE	1	161,621	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,620	66,940	SH	SOLE	1	66,940	0	0
AMERICAN EXPRESS CO	COM	025816109	31,467	266,036	SH	SOLE	1	266,036	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	943	67,522	SH	SOLE	1	67,522	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,443	143,191	SH	SOLE	1	143,191	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	131	5,073	SH	SOLE	1	5,073	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	15,859	284,722	SH	SOLE	1	284,722	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	15	120	SH	SOLE	1	120	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	200	34,161	SH	SOLE	1	34,161	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	262	11,712	SH	SOLE	1	11,712	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	24	1,573	SH	SOLE	1	1,573	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	73	11,583	SH	SOLE	1	11,583	0	0

AMERICAN SOFTWARE INC CL A	CL A	029683109	273	18,209	SH	SOLE	1	18,209	0	0
AMERICAN STATES WATER CO	COM	029899101	2,445	27,209	SH	SOLE	1	27,209	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	104	13,263	SH	SOLE	1	13,263	0	0
AMERICAN TOWER CORP	COM	03027X100	35,978	162,700	SH	SOLE	1	162,700	0	0
AMERICAN VANGUARD CORP	COM	030371108	332	21,139	SH	SOLE	1	21,139	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,535	92,855	SH	SOLE	1	92,855	0	0
AMERICAN WOODMARK CORP	COM	030506109	1,098	12,354	SH	SOLE	1	12,354	0	0
AMERICOLD REALTY TRUST	COM	03064D108	174	4,681	SH	SOLE	1	4,681	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	7,605	51,702	SH	SOLE	1	51,702	0	0
AMERIS BANCORP	COM	03076K108	1,842	45,778	SH	SOLE	1	45,778	0	0
AMERISAFE INC	COM	03071H100	938	14,190	SH	SOLE	1	14,190	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,404	53,487	SH	SOLE	1	53,487	0	0
AMES NATIONAL CORP	COM	031001100	160	5,604	SH	SOLE	1	5,604	0	0
AMETEK INC	COM	031100100	8,376	91,218	SH	SOLE	1	91,218	0	0
AMGEN INC	COM	031162100	53,448	276,203	SH	SOLE	1	276,203	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,296	161,571	SH	SOLE	1	161,571	0	0
AMKOR TECHNOLOGY INC	COM	031652100	564	62,027	SH	SOLE	1	62,027	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,969	34,209	SH	SOLE	1	34,209	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	172	59,164	SH	SOLE	1	59,164	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	524	26,449	SH	SOLE	1	26,449	0	0
AMPHENOL CORP CL A	CL A	032095101	9,959	103,200	SH	SOLE	1	103,200	0	0
AMPLIFY ENERGY CORP	COM	03212B103	379	61,486	SH	SOLE	1	61,486	0	0
AMYRIS INC	COM	03236M200	112	23,524	SH	SOLE	1	23,524	0	0
ANALOG DEVICES INC	COM	032654105	17,579	157,332	SH	SOLE	1	157,332	0	0
ANAPLAN INC	COM	03272L108	96	2,045	SH	SOLE	1	2,045	0	0
ANAPTYSBIO INC	COM	032724106	543	15,512	SH	SOLE	1	15,512	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	86	27,107	SH	SOLE	1	27,107	0	0
ANDERSONS INC/THE	COM	034164103	526	23,466	SH	SOLE	1	23,466	0	0
ANGIODYNAMICS INC	COM	03475V101	500	27,158	SH	SOLE	1	27,158	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	495	6,793	SH	SOLE	1	6,793	0	0
ANIKA THERAPEUTICS INC	COM	035255108	547	9,973	SH	SOLE	1	9,973	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,559	22,550	SH	SOLE	1	22,550	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	208	23,588	SH	SOLE	1	23,588	0	0
ANSYS INC	COM	03662Q105	6,335	28,619	SH	SOLE	1	28,619	0	0
ANTARES PHARMA INC	COM	036642106	342	102,128	SH	SOLE	1	102,128	0	0
ANTERIX INC	COM	03676C100	246	6,788	SH	SOLE	1	6,788	0	0

ANTERO MIDSTREAM CORP	COM	03676B102	3,666	495,341	SH	SOLE	1	495,341	0	0
ANTERO RESOURCES CORP	COM	03674X106	13	4,277	SH	SOLE	1	4,277	0	0
ANTHEM INC	COM	036752103	20,104	83,730	SH	SOLE	1	83,730	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	204	61,673	SH	SOLE	1	61,673	0	0
AON PLC	COM	G0408V102	16,509	85,285	SH	SOLE	1	85,285	0	0
APACHE CORP	COM	037411105	4,039	157,760	SH	SOLE	1	157,760	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	2,578	49,439	SH	SOLE	1	49,439	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	735	30,521	SH	SOLE	1	30,521	0	0
APERGY CORP	COM	03755L104	4,019	148,591	SH	SOLE	1	148,591	0	0
APOGEE ENTERPRISES INC	COM	037598109	758	19,439	SH	SOLE	1	19,439	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	2,169	113,161	SH	SOLE	1	113,161	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	304	17,274	SH	SOLE	1	17,274	0	0
APPFOLIO INC A	COM	03783C100	944	9,924	SH	SOLE	1	9,924	0	0
APIIAN CORP	COM	03782L101	935	19,693	SH	SOLE	1	19,693	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	56	3,401	SH	SOLE	1	3,401	0	0
APPLE INC	COM	037833100	398,850	1,780,817	SH	SOLE	1	1,780,817	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,617	28,463	SH	SOLE	1	28,463	0	0
APPLIED MATERIALS INC	COM	038222105	19,560	391,975	SH	SOLE	1	391,975	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	158	14,094	SH	SOLE	1	14,094	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	14	1,274	SH	SOLE	1	1,274	0	0
APTARGROUP INC	COM	038336103	14,577	123,063	SH	SOLE	1	123,063	0	0
APTIV PLC	COM	G6095L109	7,553	86,402	SH	SOLE	1	86,402	0	0
APYX MEDICAL CORP	COM	03837C106	142	21,027	SH	SOLE	1	21,027	0	0
AQUA AMERICA INC	COM	03836W103	18,557	413,936	SH	SOLE	1	413,936	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	172	8,854	SH	SOLE	1	8,854	0	0
ARAMARK	COM	03852U106	173	3,966	SH	SOLE	1	3,966	0	0
ARCBEST CORP	COM	03937C105	575	18,889	SH	SOLE	1	18,889	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	279	6,641	SH	SOLE	1	6,641	0	0
ARCH COAL INC A	COM	039380407	764	10,294	SH	SOLE	1	10,294	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	7,858	191,330	SH	SOLE	1	191,330	0	0
ARCHROCK INC	COM	03957W106	951	95,413	SH	SOLE	1	95,413	0	0
ARCONIC INC	COM	03965L100	3,461	133,131	SH	SOLE	1	133,131	0	0
ARCOSA INC	COM	039653100	1,234	36,069	SH	SOLE	1	36,069	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	187	20,500	SH	SOLE	1	20,500	0	0
ARDAGH GROUP SA	COM	L0223L101	5	299	SH	SOLE	1	299	0	0
ARDELYX INC	COM	039697107	140	29,781	SH	SOLE	1	29,781	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	141	21,085	SH	SOLE	1	21,085	0	0

ARENA PHARMACEUTICALS INC	COM	040047607	1,444	31,548	SH	SOLE	1	31,548	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	260	17,044	SH	SOLE	1	17,044	0	0
ARES MANAGEMENT CORP A	COM	03990B101	1,134	42,296	SH	SOLE	1	42,296	0	0
ARGAN INC	COM	04010E109	365	9,296	SH	SOLE	1	9,296	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,448	20,622	SH	SOLE	1	20,622	0	0
ARISTA NETWORKS INC	COM	040413106	4,455	18,646	SH	SOLE	1	18,646	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	125	22,787	SH	SOLE	1	22,787	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	187	54,915	SH	SOLE	1	54,915	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	707	39,067	SH	SOLE	1	39,067	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	732	43,724	SH	SOLE	1	43,724	0	0
ARMSTRONG FLOORING INC	COM	04238R106	71	11,178	SH	SOLE	1	11,178	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	116	1,196	SH	SOLE	1	1,196	0	0
ARQULE INC	COM	04269E107	508	70,842	SH	SOLE	1	70,842	0	0
ARROW ELECTRONICS INC	COM	042735100	13,027	174,666	SH	SOLE	1	174,666	0	0
ARROW FINANCIAL CORP	COM	042744102	269	8,058	SH	SOLE	1	8,058	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,957	69,443	SH	SOLE	1	69,443	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	187	5,051	SH	SOLE	1	5,051	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	5,624	62,793	SH	SOLE	1	62,793	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	892	31,602	SH	SOLE	1	31,602	0	0
ARVINAS INC	COM	04335A105	250	11,588	SH	SOLE	1	11,588	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,465	14,320	SH	SOLE	1	14,320	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	26	98,896	SH	SOLE	1	98,896	0	0
ASGN INC	COM	00191U102	8,354	132,896	SH	SOLE	1	132,896	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	188	56,852	SH	SOLE	1	56,852	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,945	116,097	SH	SOLE	1	116,097	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,103	4,440	SH	SOLE	1	4,440	0	0
ASPEN TECHNOLOGY INC	COM	045327103	207	1,685	SH	SOLE	1	1,685	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	140	14,284	SH	SOLE	1	14,284	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	61	47,815	SH	SOLE	1	47,815	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	227	8,699	SH	SOLE	1	8,699	0	0
ASSOCIATED BANC CORP	COM	045487105	6,300	311,087	SH	SOLE	1	311,087	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	43	1,214	SH	SOLE	1	1,214	0	0
ASSURANT INC	COM	04621X108	4,456	35,412	SH	SOLE	1	35,412	0	0
ASSURED GUARANTY LTD	COM	G0585R106	70	1,564	SH	SOLE	1	1,564	0	0

ASTEC INDUSTRIES INC	COM	046224101	516	16,584	SH	SOLE	1	16,584	0	0
ASTRONICS CORP	COM	046433108	455	15,474	SH	SOLE	1	15,474	0	0
ASTRONOVA INC	COM	04638F108	70	4,317	SH	SOLE	1	4,317	0	0
AT HOME GROUP INC	COM	04650Y100	290	30,100	SH	SOLE	1	30,100	0	0
AT&T INC	COM	00206R102	93,822	2,479,440	SH	SOLE	1	2,479,440	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	459	32,511	SH	SOLE	1	32,511	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	120	2,855	SH	SOLE	1	2,855	0	0
ATHENEX INC	COM	04685N103	525	43,117	SH	SOLE	1	43,117	0	0
ATHERSYS INC	COM	04744L106	110	82,413	SH	SOLE	1	82,413	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	897	29,559	SH	SOLE	1	29,559	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	245	14,133	SH	SOLE	1	14,133	0	0
ATLANTIC POWER CORP	COM	04878Q863	158	67,501	SH	SOLE	1	67,501	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,912	51,329	SH	SOLE	1	51,329	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	442	17,524	SH	SOLE	1	17,524	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	323	2,574	SH	SOLE	1	2,574	0	0
ATMOS ENERGY CORP	COM	049560105	4,532	39,796	SH	SOLE	1	39,796	0	0
ATN INTERNATIONAL INC	COM	00215F107	478	8,185	SH	SOLE	1	8,185	0	0
ATRECA INC A	COM	04965G109	50	4,111	SH	SOLE	1	4,111	0	0
ATRICURE INC	COM	04963C209	584	23,431	SH	SOLE	1	23,431	0	0
ATRION CORPORATION	COM	049904105	704	904	SH	SOLE	1	904	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	798	28,414	SH	SOLE	1	28,414	0	0
AUTODESK INC	COM	052769106	13,509	91,464	SH	SOLE	1	91,464	0	0
AUTOHOME INC ADR	ADR	05278C107	66	796	SH	SOLE	1	796	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	30,644	189,840	SH	SOLE	1	189,840	0	0
AUTONATION INC	COM	05329W102	5,714	112,698	SH	SOLE	1	112,698	0	0
AUTOZONE INC	COM	053332102	9,054	8,348	SH	SOLE	1	8,348	0	0
AVALARA INC	COM	05338G106	75	1,122	SH	SOLE	1	1,122	0	0
AVALON GLOBOCARE CORP	COM	05344R104	26	13,686	SH	SOLE	1	13,686	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	11,864	55,095	SH	SOLE	1	55,095	0	0
AVANGRID INC	COM	05351W103	48	910	SH	SOLE	1	910	0	0
AVANOS MEDICAL INC	COM	05350V106	4,519	120,622	SH	SOLE	1	120,622	0	0
AVANTOR INC	COM	05352A100	76	5,150	SH	SOLE	1	5,150	0	0
AVAYA HOLDINGS CORP	COM	05351X101	717	70,042	SH	SOLE	1	70,042	0	0
AVEDRO INC	COM	05355N109	112	4,916	SH	SOLE	1	4,916	0	0
AVERY DENNISON CORP	COM	053611109	3,310	29,143	SH	SOLE	1	29,143	0	0
AVID BIOSERVICES INC	COM	05368M106	188	35,393	SH	SOLE	1	35,393	0	0
AVID TECHNOLOGY INC	COM	05367P100	111	17,894	SH	SOLE	1	17,894	0	0
AVIS BUDGET GROUP INC	COM	053774105	4,201	148,644	SH	SOLE	1	148,644	0	0
AVISTA CORP	COM	05379B107	2,360	48,717	SH	SOLE	1	48,717	0	0
AVNET INC	COM	053807103	8,842	198,764	SH	SOLE	1	198,764	0	0

AVON PRODUCTS INC	COM	054303102	215	48,753	SH	SOLE	1	48,753	0	0
AVROBIO INC	COM	05455M100	184	13,013	SH	SOLE	1	13,013	0	0
AVX CORP	COM	002444107	452	29,725	SH	SOLE	1	29,725	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	106	4,767	SH	SOLE	1	4,767	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	117	3,868	SH	SOLE	1	3,868	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	409	23,924	SH	SOLE	1	23,924	0	0
AXCELLA HEALTH INC	COM	05454B105	6	1,032	SH	SOLE	1	1,032	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	94	1,404	SH	SOLE	1	1,404	0	0
AXOGEN INC	COM	05463X106	267	21,419	SH	SOLE	1	21,419	0	0
AXON ENTERPRISE INC	COM	05464C101	8,492	149,551	SH	SOLE	1	149,551	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	263	9,754	SH	SOLE	1	9,754	0	0
AXOS FINANCIAL INC	COM	05465C100	1,172	42,371	SH	SOLE	1	42,371	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	322	15,890	SH	SOLE	1	15,890	0	0
AXT INC	COM	00246W103	87	24,320	SH	SOLE	1	24,320	0	0
AZZ INC	COM	002474104	840	19,282	SH	SOLE	1	19,282	0	0
B. RILEY FINANCIAL INC	COM	05580M108	306	12,957	SH	SOLE	1	12,957	0	0
B&G FOODS INC	COM	05508R106	909	48,065	SH	SOLE	1	48,065	0	0
BADGER METER INC	COM	056525108	1,142	21,265	SH	SOLE	1	21,265	0	0
BAIDU INC SPON ADR	ADR	056752108	2,167	21,092	SH	SOLE	1	21,092	0	0
BAKER HUGHES A GE CO	COM	05722G100	5,959	256,838	SH	SOLE	1	256,838	0	0
BALCHEM CORP	COM	057665200	2,370	23,893	SH	SOLE	1	23,893	0	0
BALL CORP	COM	058498106	9,572	131,471	SH	SOLE	1	131,471	0	0
BANC OF CALIFORNIA INC	COM	05990K106	474	33,545	SH	SOLE	1	33,545	0	0
BANCFIRST CORP	COM	05945F103	652	11,759	SH	SOLE	1	11,759	0	0
BANCO MACRO SA ADR	ADR	05961W105	15	562	SH	SOLE	1	562	0	0
BANCORP INC/THE	COM	05969A105	1,093	110,390	SH	SOLE	1	110,390	0	0
BANCORPSOUTH BANK	COM	05971J102	7,063	238,543	SH	SOLE	1	238,543	0	0
BANDWIDTH INC CLASS A	COM	05988J103	661	10,150	SH	SOLE	1	10,150	0	0
BANK FIRST CORP	COM	06211J100	241	3,648	SH	SOLE	1	3,648	0	0
BANK OF AMERICA CORP	COM	060505104	80,865	2,772,203	SH	SOLE	1	2,772,203	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	119	10,943	SH	SOLE	1	10,943	0	0
BANK OF HAWAII CORP	COM	062540109	6,697	77,931	SH	SOLE	1	77,931	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	351	8,452	SH	SOLE	1	8,452	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	1,024	34,554	SH	SOLE	1	34,554	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	16,245	359,313	SH	SOLE	1	359,313	0	0
BANK OZK	COM	06417N103	6,324	231,908	SH	SOLE	1	231,908	0	0
BANK7 CORP	COM	06652N107	45	2,377	SH	SOLE	1	2,377	0	0
BANKFINANCIAL CORP	COM	06643P104	105	8,803	SH	SOLE	1	8,803	0	0
BANKUNITED INC	COM	06652K103	51	1,521	SH	SOLE	1	1,521	0	0

BANKWELL FINANCIAL GROUP INC	COM	06654A103	115	4,198 SH	SOLE	1	4,198	0	0
BANNER CORPORATION	COM	06652V208	1,420	25,272 SH	SOLE	1	25,272	0	0
BAOZUN INC SPN ADR	ADR	06684L103	17	400 SH	SOLE	1	400	0	0
BAR HARBOR BANKSHARES	COM	066849100	240	9,632 SH	SOLE	1	9,632	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	94	30,105 SH	SOLE	1	30,105	0	0
BARNES GROUP INC	COM	067806109	1,804	34,999 SH	SOLE	1	34,999	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	402	4,528 SH	SOLE	1	4,528	0	0
BASSETT FURNITURE INDS	COM	070203104	95	6,204 SH	SOLE	1	6,204	0	0
BAXTER INTERNATIONAL INC	COM	071813109	17,184	196,455 SH	SOLE	1	196,455	0	0
BAYCOM CORP	COM	07272M107	156	6,867 SH	SOLE	1	6,867	0	0
BB&T CORP	COM	054937107	17,388	325,798 SH	SOLE	1	325,798	0	0
BBVA ARGENTINA SA ADR	ADR	07329M100	2	475 SH	SOLE	1	475	0	0
BBX CAPITAL CORP	COM	05491N104	193	41,359 SH	SOLE	1	41,359	0	0
BCB BANCORP INC	COM	055298103	113	8,808 SH	SOLE	1	8,808	0	0
BCE INC	COM	05534B950	1,524	31,508 SH	SOLE	1	31,508	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,438	42,894 SH	SOLE	1	42,894	0	0
BEAZER HOMES USA INC	COM	07556Q881	270	18,153 SH	SOLE	1	18,153	0	0
BECTON DICKINSON AND CO	COM	075887109	21,865	86,435 SH	SOLE	1	86,435	0	0
BED BATH & BEYOND INC	COM	075896100	3,405	320,043 SH	SOLE	1	320,043	0	0
BEIGENE LTD ADR	ADR	07725L102	476	3,891 SH	SOLE	1	3,891	0	0
BEL FUSE INC CL B	COM	077347300	110	7,348 SH	SOLE	1	7,348	0	0
BELDEN INC	COM	077454106	5,234	98,133 SH	SOLE	1	98,133	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	811	27,902 SH	SOLE	1	27,902	0	0
BENEFITFOCUS INC	COM	08180D106	445	18,710 SH	SOLE	1	18,710	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	131,292	631,152 SH	SOLE	1	631,152	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	997	34,022 SH	SOLE	1	34,022	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	100	2,553 SH	SOLE	1	2,553	0	0
BERRY PETROLEUM CORP	COM	08579X101	370	39,568 SH	SOLE	1	39,568	0	0
BEST BUY CO INC	COM	086516101	8,551	123,941 SH	SOLE	1	123,941	0	0
BEYOND MEAT INC	COM	08862E109	32	213 SH	SOLE	1	213	0	0
BEYONDSRING INC	COM	G10830100	137	7,573 SH	SOLE	1	7,573	0	0
BG STAFFING INC	COM	05544A109	120	6,269 SH	SOLE	1	6,269	0	0
BGC PARTNERS INC CL A	CL A	05541T101	26	4,639 SH	SOLE	1	4,639	0	0
BIG LOTS INC	COM	089302103	708	28,878 SH	SOLE	1	28,878	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	65	597 SH	SOLE	1	597	0	0
BIO RAD LABORATORIES A	COM	090572207	16,288	48,950 SH	SOLE	1	48,950	0	0
BIO TECHNE CORP	COM	09073M104	14,346	73,319 SH	SOLE	1	73,319	0	0

BIOCRYST PHARMACEUTICALS INC	COM	09058V103	199	69,534	SH	SOLE	1	69,534	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	222	52,742	SH	SOLE	1	52,742	0	0
BIOGEN INC	COM	09062X103	19,116	82,108	SH	SOLE	1	82,108	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,030	24,698	SH	SOLE	1	24,698	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	71	4,259	SH	SOLE	1	4,259	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,034	15,340	SH	SOLE	1	15,340	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	82	9,893	SH	SOLE	1	9,893	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	207	3,874	SH	SOLE	1	3,874	0	0
BIOTELEMETRY INC	COM	090672106	1,005	24,683	SH	SOLE	1	24,683	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	27	3,807	SH	SOLE	1	3,807	0	0
BJ S RESTAURANTS INC	COM	09180C106	588	15,147	SH	SOLE	1	15,147	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	1,823	70,463	SH	SOLE	1	70,463	0	0
BLACK HILLS CORP	COM	092113109	11,872	154,723	SH	SOLE	1	154,723	0	0
BLACK KNIGHT INC	COM	09215C105	214	3,512	SH	SOLE	1	3,512	0	0
BLACKBAUD INC	COM	09227Q100	11,238	124,393	SH	SOLE	1	124,393	0	0
BLACKLINE INC	COM	09239B109	1,291	27,012	SH	SOLE	1	27,012	0	0
BLACKROCK INC	COM	09247X101	22,105	49,602	SH	SOLE	1	49,602	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,858	79,716	SH	SOLE	1	79,716	0	0
BLOOM ENERGY CORP A	COM	093712107	113	34,808	SH	SOLE	1	34,808	0	0
BLOOMIN BRANDS INC	COM	094235108	1,221	64,509	SH	SOLE	1	64,509	0	0
BLUCORA INC	COM	095229100	773	35,743	SH	SOLE	1	35,743	0	0
BLUE BIRD CORP	COM	095306106	182	9,560	SH	SOLE	1	9,560	0	0
BLUEBIRD BIO INC	COM	09609G100	82	892	SH	SOLE	1	892	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	42	4,522	SH	SOLE	1	4,522	0	0
BLUELINX HOLDINGS INC	COM	09624H208	183	5,647	SH	SOLE	1	5,647	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,266	30,837	SH	SOLE	1	30,837	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	168	14,248	SH	SOLE	1	14,248	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	1,101	42,065	SH	SOLE	1	42,065	0	0
BOEING CO/THE	COM	097023105	65,464	172,060	SH	SOLE	1	172,060	0	0
BOINGO WIRELESS INC	COM	09739C102	305	27,443	SH	SOLE	1	27,443	0	0
BOISE CASCADE CO	COM	09739D100	939	28,813	SH	SOLE	1	28,813	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	41	524	SH	SOLE	1	524	0	0
BONANZA CREEK ENERGY INC	COM	097793400	313	13,991	SH	SOLE	1	13,991	0	0
BOOKING HOLDINGS INC	COM	09857L108	38,059	19,392	SH	SOLE	1	19,392	0	0
BOOT BARN HOLDINGS INC	COM	099406100	726	20,803	SH	SOLE	1	20,803	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	237	3,333	SH	SOLE	1	3,333	0	0
BORGWARNER INC	COM	099724106	2,602	70,935	SH	SOLE	1	70,935	0	0

BOSTON BEER COMPANY INC A	COM	100557107	8,282	22,747	SH	SOLE	1	22,747	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	129	6,512	SH	SOLE	1	6,512	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	718	61,605	SH	SOLE	1	61,605	0	0
BOSTON PROPERTIES INC	COM	101121101	6,314	48,695	SH	SOLE	1	48,695	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,911	440,176	SH	SOLE	1	440,176	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,230	31,260	SH	SOLE	1	31,260	0	0
BOX INC CLASS A	COM	10316T104	1,499	90,495	SH	SOLE	1	90,495	0	0
BOYD GAMING CORP	COM	103304101	4,864	203,106	SH	SOLE	1	203,106	0	0
BRADY CORPORATION CL A	CL A	104674106	1,890	35,619	SH	SOLE	1	35,619	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	178	18,967	SH	SOLE	1	18,967	0	0
BRANDYWINE REALTY TRUST	COM	105368203	43	2,822	SH	SOLE	1	2,822	0	0
BRIDGE BANCORP INC	COM	108035106	304	10,297	SH	SOLE	1	10,297	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	306	14,267	SH	SOLE	1	14,267	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	144,541	6,732,244	SH	SOLE	2	6,732,244	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	169	14,117	SH	SOLE	1	14,117	0	0
BRIDGFORD FOODS CORP	COM	108763103	33	1,093	SH	SOLE	1	1,093	0	0
BRIGGS & STRATTON	COM	109043109	184	30,364	SH	SOLE	1	30,364	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	202	10,161	SH	SOLE	1	10,161	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	214	1,405	SH	SOLE	1	1,405	0	0
BRIGHTCOVE	COM	10921T101	254	24,216	SH	SOLE	1	24,216	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	8,649	213,725	SH	SOLE	1	213,725	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	433	43,743	SH	SOLE	1	43,743	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	338	19,703	SH	SOLE	1	19,703	0	0
BRINK S CO/THE	COM	109696104	10,504	126,633	SH	SOLE	1	126,633	0	0
BRINKER INTERNATIONAL INC	COM	109641100	4,051	94,931	SH	SOLE	1	94,931	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	413,764	8,159,423	SH	SOLE	1	8,159,423	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	11,593	571,353	SH	SOLE	1	571,353	0	0
BROADCOM INC	COM	11135F101	46,154	167,184	SH	SOLE	1	167,184	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,839	38,890	SH	SOLE	1	38,890	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	884	116,565	SH	SOLE	1	116,565	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	37	1,799	SH	SOLE	1	1,799	0	0
BROOKLINE BANCORP INC	COM	11373M107	859	58,304	SH	SOLE	1	58,304	0	0
BROOKS AUTOMATION INC	COM	114340102	1,954	52,765	SH	SOLE	1	52,765	0	0
BROWN & BROWN INC	COM	115236101	16,155	448,002	SH	SOLE	1	448,002	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	65	1,083	SH	SOLE	1	1,083	0	0

BROWN FORMAN CORP CLASS B	COM	115637209	3,869	61,627 SH	SOLE	1	61,627	0	0
BRT APARTMENTS CORP	COM	055645303	90	6,152 SH	SOLE	1	6,152	0	0
BRUKER CORP	COM	116794108	109	2,492 SH	SOLE	1	2,492	0	0
BRUNSWICK CORP	COM	117043109	8,571	164,439 SH	SOLE	1	164,439	0	0
BRYN MAWR BANK CORP	COM	117665109	459	12,562 SH	SOLE	1	12,562	0	0
BUCKLE INC/THE	COM	118440106	441	21,385 SH	SOLE	1	21,385	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,481	71,986 SH	SOLE	1	71,986	0	0
BUNGE LTD	COM	G16962105	126	2,231 SH	SOLE	1	2,231	0	0
BURLINGTON STORES INC	COM	122017106	319	1,598 SH	SOLE	1	1,598	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	192	7,881 SH	SOLE	1	7,881	0	0
BWX TECHNOLOGIES INC	COM	05605H100	121	2,122 SH	SOLE	1	2,122	0	0
BYLINE BANCORP INC	COM	124411109	263	14,713 SH	SOLE	1	14,713	0	0
C & F FINANCIAL CORP	COM	12466Q104	108	2,053 SH	SOLE	1	2,053	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	15,794	186,295 SH	SOLE	1	186,295	0	0
C&J ENERGY SERVICES INC	COM	12674R100	524	48,813 SH	SOLE	1	48,813	0	0
CABLE ONE INC	COM	12685J105	12,118	9,658 SH	SOLE	1	9,658	0	0
CABOT CORP	COM	127055101	5,024	110,846 SH	SOLE	1	110,846	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	3,037	21,508 SH	SOLE	1	21,508	0	0
CABOT OIL & GAS CORP	COM	127097103	2,909	165,575 SH	SOLE	1	165,575	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	11,037	47,727 SH	SOLE	1	47,727	0	0
CACTUS INC A	COM	127203107	861	29,735 SH	SOLE	1	29,735	0	0
CADENCE BANCORP	COM	12739A100	1,639	93,461 SH	SOLE	1	93,461	0	0
CADENCE DESIGN SYS INC	COM	127387108	7,517	113,752 SH	SOLE	1	113,752	0	0
CADIZ INC	COM	127537207	104	8,305 SH	SOLE	1	8,305	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	12,434	1,066,372 SH	SOLE	1	1,066,372	0	0
CAESARSTONE LTD	COM	M20598104	236	14,238 SH	SOLE	1	14,238	0	0
CAI INTERNATIONAL INC	COM	12477X106	226	10,371 SH	SOLE	1	10,371	0	0
CAL MAINE FOODS INC	COM	128030202	928	23,227 SH	SOLE	1	23,227	0	0
CALAMP CORP	COM	128126109	280	24,337 SH	SOLE	1	24,337	0	0
CALAVO GROWERS INC	COM	128246105	1,145	12,034 SH	SOLE	1	12,034	0	0
CALERES INC	COM	129500104	713	30,467 SH	SOLE	1	30,467	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	311	30,527 SH	SOLE	1	30,527	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,887	35,654 SH	SOLE	1	35,654	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	92	29,793 SH	SOLE	1	29,793	0	0
CALIX INC	COM	13100M509	189	29,504 SH	SOLE	1	29,504	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,347	69,376 SH	SOLE	1	69,376	0	0
CALLON PETROLEUM CO	COM	13123X102	736	169,605 SH	SOLE	1	169,605	0	0
CALYXT INC	COM	13173L107	33	5,888 SH	SOLE	1	5,888	0	0

CAMBIUM NETWORKS CORP	COM	G17766109	27	2,739	SH	SOLE	1	2,739	0	0
CAMBREX CORP	COM	132011107	1,487	24,987	SH	SOLE	1	24,987	0	0
CAMBRIDGE BANCORP	COM	132152109	203	2,710	SH	SOLE	1	2,710	0	0
CAMDEN NATIONAL CORP	COM	133034108	420	9,686	SH	SOLE	1	9,686	0	0
CAMDEN PROPERTY TRUST	COM	133131102	20,614	185,692	SH	SOLE	1	185,692	0	0
CAMPBELL SOUP CO	COM	134429109	4,177	89,023	SH	SOLE	1	89,023	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	185	20,792	SH	SOLE	1	20,792	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,173	42,685	SH	SOLE	1	42,685	0	0
CANTEL MEDICAL CORP	COM	138098108	5,287	70,682	SH	SOLE	1	70,682	0	0
CAPITAL BANCORP INC/MD	COM	139737100	68	5,022	SH	SOLE	1	5,022	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	233	8,483	SH	SOLE	1	8,483	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	14,006	153,942	SH	SOLE	1	153,942	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,149	83,408	SH	SOLE	1	83,408	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	1,928	58,147	SH	SOLE	1	58,147	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	153	9,220	SH	SOLE	1	9,220	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	512	69,605	SH	SOLE	1	69,605	0	0
CARA THERAPEUTICS INC	COM	140755109	460	25,145	SH	SOLE	1	25,145	0	0
CARBON BLACK INC	COM	14081R103	941	36,208	SH	SOLE	1	36,208	0	0
CARBONITE INC	COM	141337105	324	20,910	SH	SOLE	1	20,910	0	0
CARDINAL HEALTH INC	COM	14149Y108	317,510	6,728,325	SH	SOLE	1	6,728,325	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,209	25,445	SH	SOLE	1	25,445	0	0
CARDLYTICS INC	COM	14161W105	291	8,689	SH	SOLE	1	8,689	0	0
CARDTRONICS PLC A	COM	G1991C105	835	27,619	SH	SOLE	1	27,619	0	0
CARE.COM INC	COM	141633107	175	16,724	SH	SOLE	1	16,724	0	0
CAREDX INC	COM	14167L103	587	25,967	SH	SOLE	1	25,967	0	0
CAREER EDUCATION CORP	COM	141665109	814	51,252	SH	SOLE	1	51,252	0	0
CARETRUST REIT INC	COM	14174T107	1,664	70,812	SH	SOLE	1	70,812	0	0
CARGURUS INC	COM	141788109	1,451	46,876	SH	SOLE	1	46,876	0	0
CARLISLE COS INC	COM	142339100	15,862	108,984	SH	SOLE	1	108,984	0	0
CARMAX INC	COM	143130102	5,320	60,455	SH	SOLE	1	60,455	0	0
CARNIVAL CORP	COM	143658300	17,033	389,675	SH	SOLE	1	389,675	0	0
CAROLINA FINANCIAL CORP	COM	143873107	470	13,216	SH	SOLE	1	13,216	0	0
CARPENTER TECHNOLOGY	COM	144285103	6,220	120,410	SH	SOLE	1	120,410	0	0
CARRIAGE SERVICES INC	COM	143905107	212	10,373	SH	SOLE	1	10,373	0	0
CARRIZO OIL & GAS INC	COM	144577103	569	66,307	SH	SOLE	1	66,307	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	183	22,047	SH	SOLE	1	22,047	0	0
CARS.COM INC	COM	14575E105	380	42,363	SH	SOLE	1	42,363	0	0
CARTER BANK & TRUST	COM	146102108	270	14,301	SH	SOLE	1	14,301	0	0

CARTER S INC	COM	146229109	7,843	85,984 SH	SOLE	1	85,984	0	0
CARVANA CO	COM	146869102	72	1,089 SH	SOLE	1	1,089	0	0
CASA SYSTEMS INC	COM	14713L102	157	19,991 SH	SOLE	1	19,991	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,209	28,146 SH	SOLE	1	28,146	0	0
CASEY S GENERAL STORES INC	COM	147528103	11,379	70,605 SH	SOLE	1	70,605	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	106	31,842 SH	SOLE	1	31,842	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	480	8,894 SH	SOLE	1	8,894	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	42	2,332 SH	SOLE	1	2,332	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	91	64,366 SH	SOLE	1	64,366	0	0
CATALENT INC	COM	148806102	13,350	280,108 SH	SOLE	1	280,108	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	323	60,912 SH	SOLE	1	60,912	0	0
CATASYS INC	COM	149049504	72	4,551 SH	SOLE	1	4,551	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	330	30,962 SH	SOLE	1	30,962	0	0
CATERPILLAR INC	COM	149123101	39,493	312,665 SH	SOLE	1	312,665	0	0
CATHAY GENERAL BANCORP	COM	149150104	6,692	192,668 SH	SOLE	1	192,668	0	0
CATO CORP CLASS A	COM	149205106	289	16,407 SH	SOLE	1	16,407	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,226	6,382 SH	SOLE	1	6,382	0	0
CBDMD INC	COM	12482W101	26	6,499 SH	SOLE	1	6,499	0	0
CBIZ INC	COM	124805102	761	32,401 SH	SOLE	1	32,401	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	163	126,137 SH	SOLE	1	126,137	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,668	40,626 SH	SOLE	1	40,626	0	0
CBRE GROUP INC A	COM	12504L109	6,177	116,528 SH	SOLE	1	116,528	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	4,640	114,925 SH	SOLE	1	114,925	0	0
CBTX INC	COM	12481V104	317	11,366 SH	SOLE	1	11,366	0	0
CDK GLOBAL INC	COM	12508E101	11,229	233,510 SH	SOLE	1	233,510	0	0
CDW CORP/DE	COM	12514G108	6,189	50,216 SH	SOLE	1	50,216	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	136	19,403 SH	SOLE	1	19,403	0	0
CEDAR REALTY TRUST INC	COM	150602209	191	63,606 SH	SOLE	1	63,606	0	0
CEL SCI CORP	COM	150837607	154	17,186 SH	SOLE	1	17,186	0	0
CELANESE CORP	COM	150870103	5,107	41,762 SH	SOLE	1	41,762	0	0
CELCUITY INC	COM	15102K100	63	3,715 SH	SOLE	1	3,715	0	0
CELGENE CORP	COM	151020104	29,925	301,358 SH	SOLE	1	301,358	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	114	7,640 SH	SOLE	1	7,640	0	0
CELSIUS HOLDINGS INC	COM	15118V207	55	15,870 SH	SOLE	1	15,870	0	0
CENTENE CORP	COM	15135B101	8,086	186,913 SH	SOLE	1	186,913	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	13	2,961 SH	SOLE	1	2,961	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,225	206,249 SH	SOLE	1	206,249	0	0

CENTERSTATE BANK CORP	COM	15201P109	1,884	78,537 SH	SOLE	1	78,537	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	252	55,999 SH	SOLE	1	55,999	0	0
CENTRAL GARDEN & PET CO	COM	153527106	226	7,748 SH	SOLE	1	7,748	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	862	31,075 SH	SOLE	1	31,075	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	590	20,763 SH	SOLE	1	20,763	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	147	7,243 SH	SOLE	1	7,243	0	0
CENTRIC BRANDS INC	COM	15644G104	26	10,548 SH	SOLE	1	10,548	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	247	37,187 SH	SOLE	1	37,187	0	0
CENTURY BANCORP INC CL A	CL A	156432106	157	1,792 SH	SOLE	1	1,792	0	0
CENTURY CASINOS INC	COM	156492100	133	17,210 SH	SOLE	1	17,210	0	0
CENTURY COMMUNITIES INC	COM	156504300	595	19,434 SH	SOLE	1	19,434	0	0
CENTURYLINK INC	COM	156700106	5,436	435,567 SH	SOLE	1	435,567	0	0
CERECOR INC	COM	15671L109	45	13,548 SH	SOLE	1	13,548	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	92	1,857 SH	SOLE	1	1,857	0	0
CERNER CORP	COM	156782104	9,685	142,078 SH	SOLE	1	142,078	0	0
CERUS CORP	COM	157085101	451	87,565 SH	SOLE	1	87,565	0	0
CEVA INC	COM	157210105	482	16,128 SH	SOLE	1	16,128	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,781	76,845 SH	SOLE	1	76,845	0	0
CHANGE HEALTHCARE INC	COM	15912K100	12	990 SH	SOLE	1	990	0	0
CHANNELADVISOR CORP	COM	159179100	157	16,858 SH	SOLE	1	16,858	0	0
CHAPARRAL ENERGY INC CLASS A	COM	15942R208	26	19,616 SH	SOLE	1	19,616	0	0
CHARAH SOLUTIONS INC	COM	15957P105	12	5,878 SH	SOLE	1	5,878	0	0
CHARLES RIVER LABORATORIES	COM	159864107	12,445	94,015 SH	SOLE	1	94,015	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,664	26,683 SH	SOLE	1	26,683	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	27,064	65,669 SH	SOLE	1	65,669	0	0
CHASE CORP	COM	16150R104	505	4,621 SH	SOLE	1	4,621	0	0
CHATHAM LODGING TRUST	COM	16208T102	620	34,142 SH	SOLE	1	34,142	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,086	28,182 SH	SOLE	1	28,182	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	38	15,450 SH	SOLE	1	15,450	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	4,350	104,374 SH	SOLE	1	104,374	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	735	18,224 SH	SOLE	1	18,224	0	0
CHEGG INC	COM	163092109	2,195	73,277 SH	SOLE	1	73,277	0	0
CHEMED CORP	COM	16359R103	12,805	30,666 SH	SOLE	1	30,666	0	0
CHEMOCENTRYX INC	COM	16383L106	174	25,727 SH	SOLE	1	25,727	0	0
CHEMOURS CO/THE	COM	163851108	4,685	313,613 SH	SOLE	1	313,613	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	94	2,242 SH	SOLE	1	2,242	0	0

CHENIERE ENERGY INC	COM	16411R208	308	4,878	SH	SOLE	1	4,878	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	130	9,905	SH	SOLE	1	9,905	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	3,054	2,166,308	SH	SOLE	1	2,166,308	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	962	10,090	SH	SOLE	1	10,090	0	0
CHEVRON CORP	COM	166764100	430,860	3,632,881	SH	SOLE	1	3,632,881	0	0
CHIASMA INC	COM	16706W102	107	21,632	SH	SOLE	1	21,632	0	0
CHICO S FAS INC	COM	168615102	349	86,680	SH	SOLE	1	86,680	0	0
CHILDREN S PLACE INC/THE	COM	168905107	879	11,414	SH	SOLE	1	11,414	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	59	3,017	SH	SOLE	1	3,017	0	0
CHIMERIX INC	COM	16934W106	71	30,271	SH	SOLE	1	30,271	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	8,112	9,652	SH	SOLE	1	9,652	0	0
CHOICE HOTELS INTL INC	COM	169905106	59	663	SH	SOLE	1	663	0	0
CHROMADEX CORP	COM	171077407	98	24,907	SH	SOLE	1	24,907	0	0
CHUBB LTD	COM	H1467J104	29,690	183,905	SH	SOLE	1	183,905	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,328	84,100	SH	SOLE	1	84,100	0	0
CHURCHILL DOWNS INC	COM	171484108	11,108	89,973	SH	SOLE	1	89,973	0	0
CHUY S HOLDINGS INC	COM	171604101	305	12,300	SH	SOLE	1	12,300	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	39	2,591	SH	SOLE	1	2,591	0	0
CIENA CORP	COM	171779309	11,673	297,557	SH	SOLE	1	297,557	0	0
CIGNA CORP	COM	125523100	18,391	121,159	SH	SOLE	1	121,159	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	13	848	SH	SOLE	1	848	0	0
CIMAREX ENERGY CO	COM	171798101	1,639	34,184	SH	SOLE	1	34,184	0	0
CIMPRESS NV	COM	N20146101	1,806	13,702	SH	SOLE	1	13,702	0	0
CINCINNATI BELL INC	COM	171871502	187	36,867	SH	SOLE	1	36,867	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,992	51,361	SH	SOLE	1	51,361	0	0
CINEMARK HOLDINGS INC	COM	17243V102	8,623	223,167	SH	SOLE	1	223,167	0	0
CINTAS CORP	COM	172908105	9,618	35,875	SH	SOLE	1	35,875	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	545	14,518	SH	SOLE	1	14,518	0	0
CIRRUS LOGIC INC	COM	172755100	7,897	147,389	SH	SOLE	1	147,389	0	0
CISCO SYSTEMS INC	COM	17275R102	468,389	9,479,635	SH	SOLE	1	9,479,635	0	0
CISION LTD	COM	G1992S109	445	57,823	SH	SOLE	1	57,823	0	0
CIT GROUP INC	COM	125581801	73	1,601	SH	SOLE	1	1,601	0	0
CITI TRENDS INC	COM	17306X102	131	7,166	SH	SOLE	1	7,166	0	0
CITIGROUP INC	COM	172967424	51,077	739,394	SH	SOLE	1	739,394	0	0
CITIZENS & NORTHERN CORP	COM	172922106	199	7,574	SH	SOLE	1	7,574	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,462	210,961	SH	SOLE	1	210,961	0	0
CITIZENS INC	COM	174740100	215	31,239	SH	SOLE	1	31,239	0	0
CITRIX SYSTEMS INC	COM	177376100	5,078	52,615	SH	SOLE	1	52,615	0	0
CITY HOLDING CO	COM	177835105	912	11,959	SH	SOLE	1	11,959	0	0

CITY OFFICE REIT INC	COM	178587101	352	24,481	SH	SOLE	1	24,481	0	0
CIVISTA BANCSHARES INC	COM	178867107	210	9,686	SH	SOLE	1	9,686	0	0
CLARUS CORP	COM	18270P109	174	14,798	SH	SOLE	1	14,798	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	175	84,835	SH	SOLE	1	84,835	0	0
CLEAN HARBORS INC	COM	184496107	7,611	98,592	SH	SOLE	1	98,592	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	78	30,856	SH	SOLE	1	30,856	0	0
CLEARFIELD INC	COM	18482P103	84	7,073	SH	SOLE	1	7,073	0	0
CLEARWATER PAPER CORP	COM	18538R103	252	11,910	SH	SOLE	1	11,910	0	0
CLEARWAY ENERGY INC A	COM	18539C105	382	22,013	SH	SOLE	1	22,013	0	0
CLEARWAY ENERGY INC C	COM	18539C204	850	46,574	SH	SOLE	1	46,574	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,226	169,754	SH	SOLE	1	169,754	0	0
CLIPPER REALTY INC	COM	18885T306	93	9,100	SH	SOLE	1	9,100	0	0
CLOROX COMPANY	COM	189054109	18,761	123,530	SH	SOLE	1	123,530	0	0
CLOUDERA INC	COM	18914U100	1,321	149,084	SH	SOLE	1	149,084	0	0
CLOVIS ONCOLOGY INC	COM	189464100	125	31,792	SH	SOLE	1	31,792	0	0
CME GROUP INC	COM	12572Q105	30,486	144,253	SH	SOLE	1	144,253	0	0
CMS ENERGY CORP	COM	125896100	8,065	126,112	SH	SOLE	1	126,112	0	0
CNA FINANCIAL CORP	COM	126117100	23	457	SH	SOLE	1	457	0	0
CNB FINANCIAL CORP/PA	COM	126128107	263	9,168	SH	SOLE	1	9,168	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,258	395,328	SH	SOLE	1	395,328	0	0
CNX RESOURCES CORP	COM	12653C108	3,445	474,512	SH	SOLE	1	474,512	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	74	4,900	SH	SOLE	1	4,900	0	0
COCA COLA CO/THE	COM	191216100	443,702	8,150,297	SH	SOLE	1	8,150,297	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,057	3,477	SH	SOLE	1	3,477	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,811	32,659	SH	SOLE	1	32,659	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	24	2,924	SH	SOLE	1	2,924	0	0
CODEXIS INC	COM	192005106	458	33,384	SH	SOLE	1	33,384	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	135	5,788	SH	SOLE	1	5,788	0	0
COEUR MINING INC	COM	192108504	668	138,952	SH	SOLE	1	138,952	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,714	31,108	SH	SOLE	1	31,108	0	0
COGNEX CORP	COM	192422103	16,146	328,629	SH	SOLE	1	328,629	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	12,928	214,524	SH	SOLE	1	214,524	0	0
COHEN & STEERS INC	COM	19247A100	790	14,385	SH	SOLE	1	14,385	0	0
COHERENT INC	COM	192479103	7,072	46,007	SH	SOLE	1	46,007	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	792	39,084	SH	SOLE	1	39,084	0	0
COHU INC	COM	192576106	404	29,942	SH	SOLE	1	29,942	0	0
COLFAX CORP	COM	194014106	4,662	160,415	SH	SOLE	1	160,415	0	0
COLGATE PALMOLIVE CO	COM	194162103	24,875	338,392	SH	SOLE	1	338,392	0	0

COLLECTORS UNIVERSE	COM	19421R200	144	5,057	SH	SOLE	1	5,057	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	233	20,295	SH	SOLE	1	20,295	0	0
COLONY BANKCORP	COM	19623P101	72	4,690	SH	SOLE	1	4,690	0	0
COLONY CAPITAL INC	COM	19626G108	48	7,957	SH	SOLE	1	7,957	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	739	51,091	SH	SOLE	1	51,091	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,009	54,445	SH	SOLE	1	54,445	0	0
COLUMBIA FINANCIAL INC	COM	197641103	528	33,416	SH	SOLE	1	33,416	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	40	1,885	SH	SOLE	1	1,885	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	62	645	SH	SOLE	1	645	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	530	14,553	SH	SOLE	1	14,553	0	0
COMCAST CORP CLASS A	COM	20030N101	88,857	1,971,086	SH	SOLE	1	1,971,086	0	0
COMERICA INC	COM	200340107	4,612	69,891	SH	SOLE	1	69,891	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,195	27,025	SH	SOLE	1	27,025	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,493	189,492	SH	SOLE	1	189,492	0	0
COMMERCIAL METALS CO	COM	201723103	5,193	298,780	SH	SOLE	1	298,780	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	138	19,179	SH	SOLE	1	19,179	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	36	3,093	SH	SOLE	1	3,093	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,331	37,787	SH	SOLE	1	37,787	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	117	13,644	SH	SOLE	1	13,644	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	103	3,090	SH	SOLE	1	3,090	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	243	67,388	SH	SOLE	1	67,388	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	609	13,660	SH	SOLE	1	13,660	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	416	9,767	SH	SOLE	1	9,767	0	0
COMMVAULT SYSTEMS INC	COM	204166102	4,675	104,567	SH	SOLE	1	104,567	0	0
COMPASS MINERALS INTERNATIONAL	COM	20451N101	4,858	86,000	SH	SOLE	1	86,000	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	212	9,394	SH	SOLE	1	9,394	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,042	SH	SOLE	1	1,042	0	0
COMSCORE INC	COM	20564W105	59	30,919	SH	SOLE	1	30,919	0	0
COMSTOCK RESOURCES INC	COM	205768302	74	9,511	SH	SOLE	1	9,511	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	568	17,488	SH	SOLE	1	17,488	0	0
CONAGRA BRANDS INC	COM	205887102	5,126	167,085	SH	SOLE	1	167,085	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	80	13,603	SH	SOLE	1	13,603	0	0
CONCHO RESOURCES INC	COM	20605P101	5,379	79,226	SH	SOLE	1	79,226	0	0

CONCRETE PUMPING HOLDINGS IN	COM	206704108	40	10,154	SH	SOLE	1	10,154	0	0
CONDUENT INC	COM	206787103	680	109,293	SH	SOLE	1	109,293	0	0
CONFORMIS INC	COM	20717E101	76	40,819	SH	SOLE	1	40,819	0	0
CONMED CORP	COM	207410101	1,953	20,316	SH	SOLE	1	20,316	0	0
CONN S INC	COM	208242107	365	14,671	SH	SOLE	1	14,671	0	0
CONNECTICUT WATER SVC INC	COM	207797101	536	7,648	SH	SOLE	1	7,648	0	0
CONNECTONE BANCORP INC	COM	20786W107	464	20,917	SH	SOLE	1	20,917	0	0
CONOCOPHILLIPS	COM	20825C104	23,323	409,325	SH	SOLE	1	409,325	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	203	3,089	SH	SOLE	1	3,089	0	0
CONSOL ENERGY INC	COM	20854L108	315	20,150	SH	SOLE	1	20,150	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	250	52,441	SH	SOLE	1	52,441	0	0
CONSOLIDATED EDISON INC	COM	209115104	17,161	181,659	SH	SOLE	1	181,659	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	150	9,109	SH	SOLE	1	9,109	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,954	52,847	SH	SOLE	1	52,847	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	63	9,761	SH	SOLE	1	9,761	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	124	7,927	SH	SOLE	1	7,927	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	44	10,045	SH	SOLE	1	10,045	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	600	21,976	SH	SOLE	1	21,976	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	43	1,408	SH	SOLE	1	1,408	0	0
CONTURA ENERGY INC	COM	21241B100	335	11,996	SH	SOLE	1	11,996	0	0
COOPER COS INC/THE	COM	216648402	5,310	17,878	SH	SOLE	1	17,878	0	0
COOPER STANDARD HOLDING	COM	21676P103	509	12,448	SH	SOLE	1	12,448	0	0
COOPER TIRE & RUBBER	COM	216831107	974	37,272	SH	SOLE	1	37,272	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	50	508	SH	SOLE	1	508	0	0
COPART INC	COM	217204106	5,565	69,271	SH	SOLE	1	69,271	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	183	37,482	SH	SOLE	1	37,482	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,014	71,708	SH	SOLE	1	71,708	0	0
CORE LABORATORIES N.V.	COM	N22717107	3,934	84,385	SH	SOLE	1	84,385	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,081	33,655	SH	SOLE	1	33,655	0	0
CORECIVIC INC	COM	21871N101	5,215	301,786	SH	SOLE	1	301,786	0	0
CORELOGIC INC	COM	21871D103	7,115	153,766	SH	SOLE	1	153,766	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	384	8,127	SH	SOLE	1	8,127	0	0
COREPOINT LODGING INC	COM	21872L104	255	25,256	SH	SOLE	1	25,256	0	0
CORESITE REALTY CORP	COM	21870Q105	8,652	71,002	SH	SOLE	1	71,002	0	0
CORINDUS VASCULAR ROBOTICS I	COM	218730109	248	57,984	SH	SOLE	1	57,984	0	0

CORMEDIX INC	COM	21900C308	95	14,882	SH	SOLE	1	14,882	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	176	29,038	SH	SOLE	1	29,038	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,972	35,979	SH	SOLE	1	35,979	0	0
CORNING INC	COM	219350105	8,009	280,817	SH	SOLE	1	280,817	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,396	214,759	SH	SOLE	1	214,759	0	0
CORTEVA INC	COM	22052L104	7,204	257,281	SH	SOLE	1	257,281	0	0
CORTEXYME INC	COM	22053A107	47	1,883	SH	SOLE	1	1,883	0	0
CORVEL CORP	COM	221006109	506	6,689	SH	SOLE	1	6,689	0	0
COSTAMARE INC	COM	Y1771G102	188	31,002	SH	SOLE	1	31,002	0	0
COSTAR GROUP INC	COM	22160N109	522	880	SH	SOLE	1	880	0	0
COSTCO WHOLESALE CORP	COM	22160K105	49,216	170,825	SH	SOLE	1	170,825	0	0
COTY INC CL A	CL A	222070203	1,271	120,936	SH	SOLE	1	120,936	0	0
COUPA SOFTWARE INC	COM	22266L106	194	1,495	SH	SOLE	1	1,495	0	0
COUSINS PROPERTIES INC	COM	222795502	10,582	281,523	SH	SOLE	1	281,523	0	0
COVANTA HOLDING CORP	COM	22282E102	1,289	74,524	SH	SOLE	1	74,524	0	0
COVENANT TRANSPORT GRP CL A	CL A	22284P105	131	7,964	SH	SOLE	1	7,964	0	0
COVETRUS INC	COM	22304C100	2,222	186,882	SH	SOLE	1	186,882	0	0
COVIA HOLDINGS CORP	COM	22305A103	53	26,269	SH	SOLE	1	26,269	0	0
COWEN INC A	COM	223622606	280	18,173	SH	SOLE	1	18,173	0	0
CRA INTERNATIONAL INC	COM	12618T105	203	4,844	SH	SOLE	1	4,844	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,417	57,895	SH	SOLE	1	57,895	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	60	7,324	SH	SOLE	1	7,324	0	0
CRANE CO	COM	224399105	7,881	97,737	SH	SOLE	1	97,737	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	114	10,446	SH	SOLE	1	10,446	0	0
CREDICORP LTD	COM	G2519Y108	201	966	SH	SOLE	1	966	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	113	246	SH	SOLE	1	246	0	0
CREE INC	COM	225447101	10,057	205,253	SH	SOLE	1	205,253	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	105	6,972	SH	SOLE	1	6,972	0	0
CROCS INC	COM	227046109	1,279	46,082	SH	SOLE	1	46,082	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	274	26,622	SH	SOLE	1	26,622	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	60	4,194	SH	SOLE	1	4,194	0	0
CROWN CASTLE INTL CORP	COM	22822V101	21,695	156,068	SH	SOLE	1	156,068	0	0
CROWN HOLDINGS INC	COM	228368106	180	2,728	SH	SOLE	1	2,728	0	0
CRYOLIFE INC	COM	228903100	737	27,146	SH	SOLE	1	27,146	0	0
CRYOPORT INC	COM	229050307	325	19,901	SH	SOLE	1	19,901	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,261	24,403	SH	SOLE	1	24,403	0	0
CSW INDUSTRIALS INC	COM	126402106	648	9,388	SH	SOLE	1	9,388	0	0
CSX CORP	COM	126408103	23,433	338,283	SH	SOLE	1	338,283	0	0

CTRIP.COM INTERNATIONAL ADR	ADR	22943F100	1,039	35,467 SH	SOLE	1	35,467	0	0
CTS CORP	COM	126501105	780	24,116 SH	SOLE	1	24,116	0	0
CUBESMART	COM	229663109	109	3,114 SH	SOLE	1	3,114	0	0
CUBIC CORP	COM	229669106	1,632	23,175 SH	SOLE	1	23,175	0	0
CUE BIOPHARMA INC	COM	22978P106	104	12,379 SH	SOLE	1	12,379	0	0
CULLEN/FROST BANKERS INC	COM	229899109	9,685	109,370 SH	SOLE	1	109,370	0	0
CULP INC	COM	230215105	113	6,962 SH	SOLE	1	6,962	0	0
CUMMINS INC	COM	231021106	12,425	76,382 SH	SOLE	1	76,382	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	132	9,085 SH	SOLE	1	9,085	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	142	10,710 SH	SOLE	1	10,710	0	0
CURTISS WRIGHT CORP	COM	231561101	10,604	81,967 SH	SOLE	1	81,967	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,199	64,713 SH	SOLE	1	64,713	0	0
CUSTOMERS BANCORP INC	COM	23204G100	437	21,066 SH	SOLE	1	21,066	0	0
CUTERA INC	COM	232109108	301	10,290 SH	SOLE	1	10,290	0	0
CVB FINANCIAL CORP	COM	126600105	2,066	98,971 SH	SOLE	1	98,971	0	0
CVR ENERGY INC	COM	12662P108	823	18,685 SH	SOLE	1	18,685	0	0
CVS HEALTH CORP	COM	126650100	42,428	672,715 SH	SOLE	1	672,715	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	401	4,022 SH	SOLE	1	4,022	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	181	14,910 SH	SOLE	1	14,910	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	223	43,497 SH	SOLE	1	43,497	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	16,536	708,465 SH	SOLE	1	708,465	0	0
CYRUSONE INC	COM	23283R100	17,174	217,120 SH	SOLE	1	217,120	0	0
CYTOKINETICS INC	COM	23282W605	473	41,608 SH	SOLE	1	41,608	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	210	28,433 SH	SOLE	1	28,433	0	0
CYTOSORBENTS CORP	COM	23283X206	97	19,333 SH	SOLE	1	19,333	0	0
DAILY JOURNAL CORP	COM	233912104	178	717 SH	SOLE	1	717	0	0
DAKTRONICS INC	COM	234264109	201	27,242 SH	SOLE	1	27,242	0	0
DANA INC	COM	235825205	5,270	364,989 SH	SOLE	1	364,989	0	0
DANAHER CORP	COM	235851102	34,608	239,621 SH	SOLE	1	239,621	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,612	47,475 SH	SOLE	1	47,475	0	0
DARLING INGREDIENTS INC	COM	237266101	2,331	121,838 SH	SOLE	1	121,838	0	0
DASAN ZHONG SOLUTIONS INC	COM	23305L206	46	4,970 SH	SOLE	1	4,970	0	0
DASEKE INC	COM	23753F107	72	28,873 SH	SOLE	1	28,873	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,028	26,399 SH	SOLE	1	26,399	0	0
DAVITA INC	COM	23918K108	1,860	32,585 SH	SOLE	1	32,585	0	0
DEAN FOODS CO	COM	242370203	72	61,720 SH	SOLE	1	61,720	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	406	11,972 SH	SOLE	1	11,972	0	0

DECKERS OUTDOOR CORP	COM	243537107	10,818	73,414	SH	SOLE	1	73,414	0	0
DEERE & CO	COM	244199105	20,039	118,797	SH	SOLE	1	118,797	0	0
DEL TACO RESTAURANTS INC	COM	245496104	186	18,224	SH	SOLE	1	18,224	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,722	47,429	SH	SOLE	1	47,429	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	2,220	165,698	SH	SOLE	1	165,698	0	0
DELTA AIR LINES INC	COM	247361702	16,483	286,160	SH	SOLE	1	286,160	0	0
DELTA APPAREL INC	COM	247368103	93	3,901	SH	SOLE	1	3,901	0	0
DELUXE CORP	COM	248019101	5,350	108,835	SH	SOLE	1	108,835	0	0
DENALI THERAPEUTICS INC	COM	24823R105	464	30,277	SH	SOLE	1	30,277	0	0
DENBURY RESOURCES INC	COM	247916208	413	347,341	SH	SOLE	1	347,341	0	0
DENNY S CORP	COM	24869P104	833	36,580	SH	SOLE	1	36,580	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,478	83,996	SH	SOLE	1	83,996	0	0
DERMIRA INC	COM	24983L104	191	29,845	SH	SOLE	1	29,845	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	807	47,143	SH	SOLE	1	47,143	0	0
DEVON ENERGY CORP	COM	25179M103	4,140	172,083	SH	SOLE	1	172,083	0	0
DEXCOM INC	COM	252131107	330	2,214	SH	SOLE	1	2,214	0	0
DHI GROUP INC	COM	23331S100	124	32,294	SH	SOLE	1	32,294	0	0
DHT HOLDINGS INC	COM	Y2065G121	344	55,972	SH	SOLE	1	55,972	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	278	2,012	SH	SOLE	1	2,012	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	267	48,102	SH	SOLE	1	48,102	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	155	14,054	SH	SOLE	1	14,054	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	5,910	65,727	SH	SOLE	1	65,727	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,529	149,213	SH	SOLE	1	149,213	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	469	32,693	SH	SOLE	1	32,693	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,158	126,387	SH	SOLE	1	126,387	0	0
DIEBOLD NIXDORF INC	COM	253651103	638	56,937	SH	SOLE	1	56,937	0	0
DIGI INTERNATIONAL INC	COM	253798102	281	20,623	SH	SOLE	1	20,623	0	0
DIGIMARC CORP	COM	25381B101	289	7,402	SH	SOLE	1	7,402	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,899	76,259	SH	SOLE	1	76,259	0	0
DIGITAL TURBINE INC	COM	25400W102	319	49,550	SH	SOLE	1	49,550	0	0
DILLARDS INC CL A	CL A	254067101	1,716	25,962	SH	SOLE	1	25,962	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	502	23,425	SH	SOLE	1	23,425	0	0
DINE BRANDS GLOBAL INC	COM	254423106	926	12,208	SH	SOLE	1	12,208	0	0
DIODES INC	COM	254543101	1,223	30,473	SH	SOLE	1	30,473	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	212	43,241	SH	SOLE	1	43,241	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	10,041	123,826	SH	SOLE	1	123,826	0	0
DISCOVERY INC A	COM	25470F104	2,603	97,737	SH	SOLE	1	97,737	0	0

DISCOVERY INC C	COM	25470F302	2,935	119,218	SH	SOLE	1	119,218	0	0
DISH NETWORK CORP A	COM	25470M109	3,121	91,613	SH	SOLE	1	91,613	0	0
DMC GLOBAL INC	COM	23291C103	463	10,526	SH	SOLE	1	10,526	0	0
DNB FINANCIAL CORP	COM	233237106	98	2,194	SH	SOLE	1	2,194	0	0
DOCUSIGN INC	COM	256163106	231	3,734	SH	SOLE	1	3,734	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	70	1,086	SH	SOLE	1	1,086	0	0
DOLLAR GENERAL CORP	COM	256677105	13,898	87,442	SH	SOLE	1	87,442	0	0
DOLLAR TREE INC	COM	256746108	12,793	112,058	SH	SOLE	1	112,058	0	0
DOMINION ENERGY INC	COM	25746U109	21,447	264,648	SH	SOLE	1	264,648	0	0
DOMINO S PIZZA INC	COM	25754A201	19,428	79,432	SH	SOLE	1	79,432	0	0
DOMO INC CLASS B	COM	257554105	177	11,053	SH	SOLE	1	11,053	0	0
DOMTAR CORP	COM	257559203	4,299	120,058	SH	SOLE	1	120,058	0	0
DONALDSON CO INC	COM	257651109	12,796	245,695	SH	SOLE	1	245,695	0	0
DONEGAL GROUP INC CL A	CL A	257701201	96	6,521	SH	SOLE	1	6,521	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	285	23,121	SH	SOLE	1	23,121	0	0
DORIAN LPG LTD	COM	Y2106R110	182	17,554	SH	SOLE	1	17,554	0	0
DORMAN PRODUCTS INC	COM	258278100	1,609	20,230	SH	SOLE	1	20,230	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	631	14,148	SH	SOLE	1	14,148	0	0
DOUGLAS EMMETT INC	COM	25960P109	13,536	316,038	SH	SOLE	1	316,038	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	147	5,259	SH	SOLE	1	5,259	0	0
DOVER CORP	COM	260003108	5,025	50,474	SH	SOLE	1	50,474	0	0
DOW INC	COM	260557103	323,637	6,791,960	SH	SOLE	1	6,791,960	0	0
DR HORTON INC	COM	23331A109	6,097	115,663	SH	SOLE	1	115,663	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	23	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	1,347	26,837	SH	SOLE	1	26,837	0	0
DRIVE SHACK INC	COM	262077100	164	38,163	SH	SOLE	1	38,163	0	0
DROPBOX INC CLASS A	COM	26210C104	104	5,171	SH	SOLE	1	5,171	0	0
DSP GROUP INC	COM	23332B106	229	16,277	SH	SOLE	1	16,277	0	0
DTE ENERGY COMPANY	COM	233331107	8,371	62,958	SH	SOLE	1	62,958	0	0
DUCOMMUN INC	COM	264147109	287	6,777	SH	SOLE	1	6,777	0	0
DUKE ENERGY CORP	COM	26441C204	22,860	238,472	SH	SOLE	1	238,472	0	0
DUKE REALTY CORP	COM	264411505	4,124	121,388	SH	SOLE	1	121,388	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	58	6,781	SH	SOLE	1	6,781	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,643	159,313	SH	SOLE	1	159,313	0	0
DUPONT DE NEMOURS INC	COM	26614N102	17,615	247,027	SH	SOLE	1	247,027	0	0
DXC TECHNOLOGY CO	COM	23355L106	4,381	148,508	SH	SOLE	1	148,508	0	0
DXP ENTERPRISES INC	COM	233377407	418	12,032	SH	SOLE	1	12,032	0	0
DYCOM INDUSTRIES INC	COM	267475101	4,038	79,106	SH	SOLE	1	79,106	0	0
DYNATRACE INC	COM	268150109	16	833	SH	SOLE	1	833	0	0

DYNAVAX TECHNOLOGIES CORP	COM	268158201	188	52,626	SH	SOLE	1	52,626	0	0
DYNEX CAPITAL INC	COM	26817Q886	224	15,137	SH	SOLE	1	15,137	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,093	93,693	SH	SOLE	1	93,693	0	0
EAGLE BANCORP INC	COM	268948106	1,118	25,062	SH	SOLE	1	25,062	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	122	27,951	SH	SOLE	1	27,951	0	0
EAGLE MATERIALS INC	COM	26969P108	7,281	80,892	SH	SOLE	1	80,892	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	388	6,862	SH	SOLE	1	6,862	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	40	12,314	SH	SOLE	1	12,314	0	0
EAST WEST BANCORP INC	COM	27579R104	14,792	333,987	SH	SOLE	1	333,987	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,226	57,540	SH	SOLE	1	57,540	0	0
EASTERN CO/THE	COM	276317104	85	3,413	SH	SOLE	1	3,413	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,862	94,879	SH	SOLE	1	94,879	0	0
EASTMAN CHEMICAL CO	COM	277432100	5,064	68,591	SH	SOLE	1	68,591	0	0
EATON CORP PLC	COM	G29183103	28,774	346,047	SH	SOLE	1	346,047	0	0
EATON VANCE CORP	COM	278265103	9,742	216,832	SH	SOLE	1	216,832	0	0
EBAY INC	COM	278642103	15,549	398,909	SH	SOLE	1	398,909	0	0
EBIX INC	COM	278715206	722	17,139	SH	SOLE	1	17,139	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	451	19,929	SH	SOLE	1	19,929	0	0
ECHOSTAR CORP A	COM	278768106	30	768	SH	SOLE	1	768	0	0
ECOLAB INC	COM	278865100	18,938	95,629	SH	SOLE	1	95,629	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	4,456	137,163	SH	SOLE	1	137,163	0	0
EDISON INTERNATIONAL	COM	281020107	9,268	122,887	SH	SOLE	1	122,887	0	0
EDITAS MEDICINE INC	COM	28106W103	713	31,339	SH	SOLE	1	31,339	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,086	73,150	SH	SOLE	1	73,150	0	0
EGAIN CORP	COM	28225C806	103	12,868	SH	SOLE	1	12,868	0	0
EHEALTH INC	COM	28238P109	1,090	16,319	SH	SOLE	1	16,319	0	0
EIDOS THERAPEUTICS I	COM	28249H104	7,194	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	251	6,988	SH	SOLE	1	6,988	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	152	14,802	SH	SOLE	1	14,802	0	0
EL PASO ELECTRIC CO	COM	283677854	2,021	30,125	SH	SOLE	1	30,125	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	168	15,313	SH	SOLE	1	15,313	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	161	6,057	SH	SOLE	1	6,057	0	0
ELASTIC NV	COM	N14506104	89	1,082	SH	SOLE	1	1,082	0	0
ELDORADO RESORTS INC	COM	28470R102	6,613	165,863	SH	SOLE	1	165,863	0	0
ELECTROCORE INC	COM	28531P103	18	8,195	SH	SOLE	1	8,195	0	0
ELECTRONIC ARTS INC	COM	285512109	11,976	122,431	SH	SOLE	1	122,431	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	45	4,374	SH	SOLE	1	4,374	0	0

ELEVATE CREDIT INC	COM	28621V101	60	14,178 SH	SOLE	1	14,178	0	0
ELF BEAUTY INC	COM	26856L103	290	16,569 SH	SOLE	1	16,569	0	0
ELI LILLY & CO	COM	532457108	30,022	268,465 SH	SOLE	1	268,465	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	349	19,339 SH	SOLE	1	19,339	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	72	15,887 SH	SOLE	1	15,887	0	0
EMCOR GROUP INC	COM	29084Q100	12,232	142,033 SH	SOLE	1	142,033	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	152	15,608 SH	SOLE	1	15,608	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,758	33,636 SH	SOLE	1	33,636	0	0
EMERSON ELECTRIC CO	COM	291011104	28,916	432,489 SH	SOLE	1	432,489	0	0
EMPIRE RESORTS INC	COM	292052305	23	2,401 SH	SOLE	1	2,401	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	34	2,371 SH	SOLE	1	2,371	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	1,022	23,446 SH	SOLE	1	23,446	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	756	12,589 SH	SOLE	1	12,589	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	12,000	189,632 SH	SOLE	1	189,632	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	752	22,553 SH	SOLE	1	22,553	0	0
ENCORE WIRE CORP	COM	292562105	853	15,158 SH	SOLE	1	15,158	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	527	164,129 SH	SOLE	1	164,129	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	170	45,206 SH	SOLE	1	45,206	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,357	122,918 SH	SOLE	1	122,918	0	0
ENERGOUS CORP	COM	29272C103	59	17,744 SH	SOLE	1	17,744	0	0
ENERGY FUELS INC	COM	292671708	111	57,736 SH	SOLE	1	57,736	0	0
ENERGY RECOVERY INC	COM	29270J100	217	23,456 SH	SOLE	1	23,456	0	0
ENERSYS	COM	29275Y102	7,106	107,759 SH	SOLE	1	107,759	0	0
ENNIS INC	COM	293389102	325	16,098 SH	SOLE	1	16,098	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	14	2,536 SH	SOLE	1	2,536	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	509	24,549 SH	SOLE	1	24,549	0	0
ENPHASE ENERGY INC	COM	29355A107	1,289	57,998 SH	SOLE	1	57,998	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,047	15,258 SH	SOLE	1	15,258	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,777	37,470 SH	SOLE	1	37,470	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,379	7,261 SH	SOLE	1	7,261	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	128	4,257 SH	SOLE	1	4,257	0	0
ENTEGRIS INC	COM	29362U104	155	3,290 SH	SOLE	1	3,290	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	261	78,089 SH	SOLE	1	78,089	0	0
ENERGY CORP	COM	29364G103	8,016	68,304 SH	SOLE	1	68,304	0	0
ENTERPRISE BANCORP INC	COM	293668109	170	5,660 SH	SOLE	1	5,660	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	634	15,559 SH	SOLE	1	15,559	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	122	38,324 SH	SOLE	1	38,324	0	0

ENVESTNET INC	COM	29404K106	1,711	30,174	SH	SOLE	1	30,174	0	0
ENZO BIOCHEM INC	COM	294100102	100	27,865	SH	SOLE	1	27,865	0	0
EOG RESOURCES INC	COM	26875P101	16,906	227,780	SH	SOLE	1	227,780	0	0
EPAM SYSTEMS INC	COM	29414B104	231	1,268	SH	SOLE	1	1,268	0	0
EPIZYME INC	COM	29428V104	506	49,036	SH	SOLE	1	49,036	0	0
EPLUS INC	COM	294268107	755	9,916	SH	SOLE	1	9,916	0	0
EPR PROPERTIES	COM	26884U109	11,435	148,771	SH	SOLE	1	148,771	0	0
EQT CORP	COM	26884L109	5,215	490,114	SH	SOLE	1	490,114	0	0
EQUIFAX INC	COM	294429105	5,841	41,523	SH	SOLE	1	41,523	0	0
EQUINIX INC	COM	29444U700	17,267	29,936	SH	SOLE	1	29,936	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	5,697	391,556	SH	SOLE	1	391,556	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	252	9,388	SH	SOLE	1	9,388	0	0
EQUITY COMMONWEALTH	COM	294628102	67	1,950	SH	SOLE	1	1,950	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	283	2,115	SH	SOLE	1	2,115	0	0
EQUITY RESIDENTIAL	COM	29476L107	12,028	139,443	SH	SOLE	1	139,443	0	0
ERA GROUP INC	COM	26885G109	153	14,483	SH	SOLE	1	14,483	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	99	533	SH	SOLE	1	533	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	88	46,081	SH	SOLE	1	46,081	0	0
ESCALADE INC	COM	296056104	74	6,760	SH	SOLE	1	6,760	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,511	18,991	SH	SOLE	1	18,991	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	577	15,745	SH	SOLE	1	15,745	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	100	4,025	SH	SOLE	1	4,025	0	0
ESSA BANCORP INC	COM	29667D104	98	5,972	SH	SOLE	1	5,972	0	0
ESSENT GROUP LTD	COM	G3198U102	4,478	93,929	SH	SOLE	1	93,929	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,100	48,012	SH	SOLE	1	48,012	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	7,194	22,024	SH	SOLE	1	22,024	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	16,638	83,631	SH	SOLE	1	83,631	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	341	17,848	SH	SOLE	1	17,848	0	0
ETSY INC	COM	29786A106	13,111	232,050	SH	SOLE	1	232,050	0	0
EURONET WORLDWIDE INC	COM	298736109	179	1,222	SH	SOLE	1	1,222	0	0
EVANS BANCORP INC	COM	29911Q208	111	2,981	SH	SOLE	1	2,981	0	0
EVELO BIOSCIENCES INC	COM	299734103	53	8,680	SH	SOLE	1	8,680	0	0
EVENTBRITE INC CLASS A	COM	29975E109	409	23,072	SH	SOLE	1	23,072	0	0
EVERBRIDGE INC	COM	29978A104	1,296	20,995	SH	SOLE	1	20,995	0	0
EVERCORE INC A	COM	29977A105	6,135	76,598	SH	SOLE	1	76,598	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,748	14,086	SH	SOLE	1	14,086	0	0
EVERGY INC	COM	30034W106	5,384	80,885	SH	SOLE	1	80,885	0	0

EVERI HOLDINGS INC	COM	30034T103	367	43,393	SH	SOLE	1	43,393	0	0
EVERQUOTE INC CLASS A	COM	30041R108	118	5,552	SH	SOLE	1	5,552	0	0
EVERSOURCE ENERGY	COM	30040W108	13,042	152,586	SH	SOLE	1	152,586	0	0
EVERTEC INC	COM	30040P103	1,401	44,866	SH	SOLE	1	44,866	0	0
EVI INDUSTRIES INC	COM	26929N102	92	2,869	SH	SOLE	1	2,869	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	630	22,396	SH	SOLE	1	22,396	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	45	8,934	SH	SOLE	1	8,934	0	0
EVOLENT HEALTH INC A	COM	30050B101	336	46,774	SH	SOLE	1	46,774	0	0
EVOLUS INC	COM	30052C107	149	9,539	SH	SOLE	1	9,539	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	100	17,162	SH	SOLE	1	17,162	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	805	47,278	SH	SOLE	1	47,278	0	0
EW SCRIPPS CO/THE A	COM	811054402	538	40,539	SH	SOLE	1	40,539	0	0
EXACT SCIENCES CORP	COM	30063P105	282	3,125	SH	SOLE	1	3,125	0	0
EXANTAS CAPITAL CORP	COM	30068N105	219	19,260	SH	SOLE	1	19,260	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	33	28,312	SH	SOLE	1	28,312	0	0
EXELIXIS INC	COM	30161Q104	10,293	582,013	SH	SOLE	1	582,013	0	0
EXELON CORP	COM	30161N101	15,363	318,002	SH	SOLE	1	318,002	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,669	24,930	SH	SOLE	1	24,930	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	86	10,298	SH	SOLE	1	10,298	0	0
EXPEDIA GROUP INC	COM	30212P303	10,864	80,827	SH	SOLE	1	80,827	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,289	57,733	SH	SOLE	1	57,733	0	0
EXPONENT INC	COM	30214U102	2,683	38,387	SH	SOLE	1	38,387	0	0
EXPRESS INC	COM	30219E103	168	48,952	SH	SOLE	1	48,952	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	45	3,041	SH	SOLE	1	3,041	0	0
EXTERRAN CORP	COM	30227H106	295	22,554	SH	SOLE	1	22,554	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	5,132	43,934	SH	SOLE	1	43,934	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	157	53,458	SH	SOLE	1	53,458	0	0
EXTREME NETWORKS INC	COM	30226D106	634	87,109	SH	SOLE	1	87,109	0	0
EXXON MOBIL CORP	COM	30231G102	409,027	5,792,769	SH	SOLE	1	5,792,769	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	71	39,088	SH	SOLE	1	39,088	0	0
EZCORP INC CL A	CL A	302301106	245	37,884	SH	SOLE	1	37,884	0	0
F5 NETWORKS INC	COM	315616102	2,868	20,425	SH	SOLE	1	20,425	0	0
FABRINET	COM	G3323L100	1,416	27,078	SH	SOLE	1	27,078	0	0
FACEBOOK INC CLASS A	COM	30303M102	159,195	893,954	SH	SOLE	1	893,954	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	17,903	73,684	SH	SOLE	1	73,684	0	0
FAIR ISAAC CORP	COM	303250104	16,894	55,659	SH	SOLE	1	55,659	0	0
FALCON MINERALS CORP	COM	30607B109	140	24,365	SH	SOLE	1	24,365	0	0
FARMER BROS CO	COM	307675108	87	6,685	SH	SOLE	1	6,685	0	0

FARMERS & MERCHANTS BANCO/OH	COM	30779N105	165	6,367 SH	SOLE	1	6,367	0	0
FARMERS NATL BANC CORP	COM	309627107	234	16,172 SH	SOLE	1	16,172	0	0
FARMLAND PARTNERS INC	COM	31154R109	115	17,277 SH	SOLE	1	17,277	0	0
FARO TECHNOLOGIES INC	COM	311642102	618	12,787 SH	SOLE	1	12,787	0	0
FASTENAL CO	COM	311900104	21,703	664,319 SH	SOLE	1	664,319	0	0
FATE THERAPEUTICS INC	COM	31189P102	513	33,034 SH	SOLE	1	33,034	0	0
FB FINANCIAL CORP	COM	30257X104	404	10,746 SH	SOLE	1	10,746	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	364	6,115 SH	SOLE	1	6,115	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	465	5,696 SH	SOLE	1	5,696	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,219	23,646 SH	SOLE	1	23,646	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,453	44,372 SH	SOLE	1	44,372	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	7,900	243,748 SH	SOLE	1	243,748	0	0
FEDEX CORP	COM	31428X106	11,257	77,330 SH	SOLE	1	77,330	0	0
FEDNAT HOLDING CO	COM	31431B109	102	7,291 SH	SOLE	1	7,291	0	0
FERRO CORP	COM	315405100	718	60,553 SH	SOLE	1	60,553	0	0
FGL HOLDINGS	COM	G3402M102	735	92,081 SH	SOLE	1	92,081	0	0
FIBROGEN INC	COM	31572Q808	1,813	49,020 SH	SOLE	1	49,020	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	110	1,764 SH	SOLE	1	1,764	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	190	4,281 SH	SOLE	1	4,281	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	28,647	215,780 SH	SOLE	1	215,780	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	179	17,166 SH	SOLE	1	17,166	0	0
FIFTH THIRD BANCORP	COM	316773100	8,882	324,390 SH	SOLE	1	324,390	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	295	9,772 SH	SOLE	1	9,772	0	0
FIREEYE INC	COM	31816Q101	65	4,871 SH	SOLE	1	4,871	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	13,536	229,384 SH	SOLE	1	229,384	0	0
FIRST BANCORP INC/ME	COM	31866P102	178	6,471 SH	SOLE	1	6,471	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,592	159,471 SH	SOLE	1	159,471	0	0
FIRST BANCORP/NC	COM	318910106	664	18,505 SH	SOLE	1	18,505	0	0
FIRST BANCSHARES INC/MS	COM	318916103	338	10,472 SH	SOLE	1	10,472	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	114	10,487 SH	SOLE	1	10,487	0	0
FIRST BUSEY CORP	COM	319383204	829	32,777 SH	SOLE	1	32,777	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	125	5,211 SH	SOLE	1	5,211	0	0
FIRST CAPITAL INC	COM	31942S104	118	2,047 SH	SOLE	1	2,047	0	0
FIRST CHOICE BANCORP	COM	31948P104	136	6,370 SH	SOLE	1	6,370	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	56	118 SH	SOLE	1	118	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	965	72,638 SH	SOLE	1	72,638	0	0

FIRST COMMUNITY BANKSHARES	COM	31983A103	314	9,694	SH	SOLE	1	9,694	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	355	12,265	SH	SOLE	1	12,265	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,772	72,401	SH	SOLE	1	72,401	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	359	8,269	SH	SOLE	1	8,269	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	74	5,006	SH	SOLE	1	5,006	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	11,349	340,493	SH	SOLE	1	340,493	0	0
FIRST FOUNDATION INC	COM	32026V104	377	24,688	SH	SOLE	1	24,688	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	66	2,960	SH	SOLE	1	2,960	0	0
FIRST HAWAIIAN INC	COM	32051X108	58	2,190	SH	SOLE	1	2,190	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	9,711	599,429	SH	SOLE	1	599,429	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	12,669	320,247	SH	SOLE	1	320,247	0	0
FIRST INTERNET BANCORP	COM	320557101	131	6,105	SH	SOLE	1	6,105	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	962	23,904	SH	SOLE	1	23,904	0	0
FIRST MERCHANTS CORP	COM	320817109	1,297	34,474	SH	SOLE	1	34,474	0	0
FIRST MID BANCSHARES INC	COM	320866106	318	9,188	SH	SOLE	1	9,188	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,547	79,437	SH	SOLE	1	79,437	0	0
FIRST NORTHWEST BANCORP	COM	335834107	98	5,661	SH	SOLE	1	5,661	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	344	15,126	SH	SOLE	1	15,126	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	5,928	61,300	SH	SOLE	1	61,300	0	0
FIRST SOLAR INC	COM	336433107	8,451	145,678	SH	SOLE	1	145,678	0	0
FIRSTCASH INC	COM	33767D105	9,944	108,480	SH	SOLE	1	108,480	0	0
FIRSTENERGY CORP	COM	337932107	16,908	350,577	SH	SOLE	1	350,577	0	0
FISERV INC	COM	337738108	26,362	254,483	SH	SOLE	1	254,483	0	0
FITBIT INC A	COM	33812L102	541	141,942	SH	SOLE	1	141,942	0	0
FIVE BELOW	COM	33829M101	13,521	107,224	SH	SOLE	1	107,224	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	84	21,768	SH	SOLE	1	21,768	0	0
FIVE9 INC	COM	338307101	2,030	37,777	SH	SOLE	1	37,777	0	0
FLAGSTAR BANCORP INC	COM	337930705	789	21,122	SH	SOLE	1	21,122	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	9,468	33,014	SH	SOLE	1	33,014	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	292	21,329	SH	SOLE	1	21,329	0	0
FLEXSTEEL INDS	COM	339382103	70	4,718	SH	SOLE	1	4,718	0	0
FLIR SYSTEMS INC	COM	302445101	2,454	46,664	SH	SOLE	1	46,664	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	84	1,647	SH	SOLE	1	1,647	0	0
FLOTEK INDUSTRIES INC	COM	343389102	75	33,949	SH	SOLE	1	33,949	0	0
FLOWERS FOODS INC	COM	343498101	8,541	369,276	SH	SOLE	1	369,276	0	0
FLOWSERVE CORP	COM	34354P105	2,079	44,502	SH	SOLE	1	44,502	0	0

FLUENT INC	COM	34380C102	74	26,928	SH	SOLE	1	26,928	0	0
FLUIDIGM CORP	COM	34385P108	202	43,658	SH	SOLE	1	43,658	0	0
FLUOR CORP	COM	343412102	5,522	288,640	SH	SOLE	1	288,640	0	0
FLUSHING FINANCIAL CORP	COM	343873105	345	17,071	SH	SOLE	1	17,071	0	0
FMC CORP	COM	302491303	5,718	65,213	SH	SOLE	1	65,213	0	0
FNB CORP	COM	302520101	7,186	623,201	SH	SOLE	1	623,201	0	0
FNCB BANCORP INC	COM	302578109	84	10,803	SH	SOLE	1	10,803	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	455	19,135	SH	SOLE	1	19,135	0	0
FOOT LOCKER INC	COM	344849104	34,491	799,133	SH	SOLE	1	799,133	0	0
FORD MOTOR CO	COM	345370860	13,306	1,452,601	SH	SOLE	1	1,452,601	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	993	26,190	SH	SOLE	1	26,190	0	0
FORESTAR GROUP INC	COM	346232101	122	6,653	SH	SOLE	1	6,653	0	0
FORMFACTOR INC	COM	346375108	1,030	55,223	SH	SOLE	1	55,223	0	0
FORRESTER RESEARCH INC	COM	346563109	253	7,885	SH	SOLE	1	7,885	0	0
FORTERRA INC	COM	34960W106	85	11,728	SH	SOLE	1	11,728	0	0
FORTINET INC	COM	34959E109	3,711	48,349	SH	SOLE	1	48,349	0	0
FORTIVE CORP	COM	34959J108	8,200	119,600	SH	SOLE	1	119,600	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	2,648	48,409	SH	SOLE	1	48,409	0	0
FORTY SEVEN INC	COM	34983P104	90	14,038	SH	SOLE	1	14,038	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	81	52,256	SH	SOLE	1	52,256	0	0
FORWARD AIR CORP	COM	349853101	1,333	20,922	SH	SOLE	1	20,922	0	0
FOSSIL GROUP INC	COM	34988V106	434	34,654	SH	SOLE	1	34,654	0	0
FOSTER (LB) CO A	COM	350060109	137	6,319	SH	SOLE	1	6,319	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	145	9,370	SH	SOLE	1	9,370	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,436	50,787	SH	SOLE	1	50,787	0	0
FOX CORP CLASS A	COM	35137L105	5,376	170,470	SH	SOLE	1	170,470	0	0
FOX CORP CLASS B	COM	35137L204	2,243	71,118	SH	SOLE	1	71,118	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,742	27,990	SH	SOLE	1	27,990	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	320	67,324	SH	SOLE	1	67,324	0	0
FRANKLIN COVEY CO	COM	353469109	215	6,152	SH	SOLE	1	6,152	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,598	33,419	SH	SOLE	1	33,419	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	294	9,745	SH	SOLE	1	9,745	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	93	2,615	SH	SOLE	1	2,615	0	0
FRANKLIN RESOURCES INC	COM	354613101	8,009	277,512	SH	SOLE	1	277,512	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	654	77,351	SH	SOLE	1	77,351	0	0
FREEMPORT MCMORAN INC	COM	35671D857	4,699	490,989	SH	SOLE	1	490,989	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	783	22,956	SH	SOLE	1	22,956	0	0

FRESHPET INC	COM	358039105	1,082	21,736	SH	SOLE	1	21,736	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	362	31,276	SH	SOLE	1	31,276	0	0
FRONTDOOR INC	COM	35905A109	67	1,375	SH	SOLE	1	1,375	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	67	77,835	SH	SOLE	1	77,835	0	0
FRP HOLDINGS INC	COM	30292L107	213	4,446	SH	SOLE	1	4,446	0	0
FS BANCORP INC	COM	30263Y104	133	2,525	SH	SOLE	1	2,525	0	0
FTI CONSULTING INC	COM	302941109	2,931	27,649	SH	SOLE	1	27,649	0	0
FTS INTERNATIONAL INC	COM	30283W104	47	20,977	SH	SOLE	1	20,977	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	19	2,867	SH	SOLE	1	2,867	0	0
FULTON FINANCIAL CORP	COM	360271100	6,778	418,935	SH	SOLE	1	418,935	0	0
FUNKO INC CLASS A	COM	361008105	232	11,277	SH	SOLE	1	11,277	0	0
FUTUREFUEL CORP	COM	36116M106	608	50,919	SH	SOLE	1	50,919	0	0
FVCBANKCORP INC	COM	36120Q101	135	7,662	SH	SOLE	1	7,662	0	0
G III APPAREL GROUP LTD	COM	36237H101	858	33,282	SH	SOLE	1	33,282	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	487	21,365	SH	SOLE	1	21,365	0	0
GAIA INC	COM	36269P104	43	6,634	SH	SOLE	1	6,634	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	64	12,207	SH	SOLE	1	12,207	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	93	25,294	SH	SOLE	1	25,294	0	0
GAMCO INVESTORS INC A	COM	361438104	65	3,349	SH	SOLE	1	3,349	0	0
GAMESTOP CORP CLASS A	COM	36467W109	611	110,607	SH	SOLE	1	110,607	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	125	3,278	SH	SOLE	1	3,278	0	0
GANNETT CO INC	COM	36473H104	853	79,460	SH	SOLE	1	79,460	0	0
GAP INC/THE	COM	364760108	234,341	13,498,902	SH	SOLE	1	13,498,902	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	60	2,112	SH	SOLE	1	2,112	0	0
GARMIN LTD	COM	H2906T109	4,118	48,626	SH	SOLE	1	48,626	0	0
GARRETT MOTION INC	COM	366505105	82	8,206	SH	SOLE	1	8,206	0	0
GARTNER INC	COM	366651107	4,378	30,619	SH	SOLE	1	30,619	0	0
GASLOG LTD	COM	G37585109	328	25,550	SH	SOLE	1	25,550	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	7	743	SH	SOLE	1	743	0	0
GATX CORP	COM	361448103	7,009	90,405	SH	SOLE	1	90,405	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	99	1,590	SH	SOLE	1	1,590	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	771	40,075	SH	SOLE	1	40,075	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	32	800	SH	SOLE	1	800	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	88	9,579	SH	SOLE	1	9,579	0	0
GENCOR INDUSTRIES INC	COM	368678108	67	5,736	SH	SOLE	1	5,736	0	0
GENERAC HOLDINGS INC	COM	368736104	3,027	38,635	SH	SOLE	1	38,635	0	0
GENERAL DYNAMICS CORP	COM	369550108	13,993	76,577	SH	SOLE	1	76,577	0	0
GENERAL ELECTRIC CO	COM	369604103	25,536	2,856,389	SH	SOLE	1	2,856,389	0	0

GENERAL FINANCE CORP	COM	369822101	65	7,333	SH	SOLE	1	7,333	0	0
GENERAL MILLS INC	COM	370334104	440,330	7,988,575	SH	SOLE	1	7,988,575	0	0
GENERAL MOTORS CO	COM	37045V100	15,413	411,223	SH	SOLE	1	411,223	0	0
GENESCO INC	COM	371532102	466	11,650	SH	SOLE	1	11,650	0	0
GENESEE & WYOMING INC CL A	CL A	371559105	12,009	108,665	SH	SOLE	1	108,665	0	0
GENESIS HEALTHCARE INC	COM	37185X106	59	52,889	SH	SOLE	1	52,889	0	0
GENIE ENERGY LTD B	COM	372284208	68	9,083	SH	SOLE	1	9,083	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	208	34,382	SH	SOLE	1	34,382	0	0
GENOMIC HEALTH INC	COM	37244C101	1,315	19,389	SH	SOLE	1	19,389	0	0
GENPACT LTD	COM	G3922B107	165	4,252	SH	SOLE	1	4,252	0	0
GENTEX CORP	COM	371901109	13,458	488,767	SH	SOLE	1	488,767	0	0
GENTHERM INC	COM	37253A103	1,007	24,504	SH	SOLE	1	24,504	0	0
GENUINE PARTS CO	COM	372460105	18,300	183,753	SH	SOLE	1	183,753	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	5,619	1,277,041	SH	SOLE	1	1,277,041	0	0
GEO GROUP INC/THE	COM	36162J106	5,303	305,811	SH	SOLE	1	305,811	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	151	9,853	SH	SOLE	1	9,853	0	0
GERMAN AMERICAN BANCORP	COM	373865104	501	15,640	SH	SOLE	1	15,640	0	0
GERON CORP	COM	374163103	147	110,339	SH	SOLE	1	110,339	0	0
GETTY REALTY CORP	COM	374297109	796	24,828	SH	SOLE	1	24,828	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,714	37,319	SH	SOLE	1	37,319	0	0
GILEAD SCIENCES INC	COM	375558103	333,634	5,264,029	SH	SOLE	1	5,264,029	0	0
GLACIER BANCORP INC	COM	37637Q105	2,601	64,283	SH	SOLE	1	64,283	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	455	19,353	SH	SOLE	1	19,353	0	0
GLADSTONE LAND CORP	COM	376549101	138	11,611	SH	SOLE	1	11,611	0	0
GLATFELTER	COM	377316104	498	32,358	SH	SOLE	1	32,358	0	0
GLAUKOS CORP	COM	377322102	1,424	22,773	SH	SOLE	1	22,773	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,775	36,580	SH	SOLE	1	36,580	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	131	5,252	SH	SOLE	1	5,252	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	227	19,903	SH	SOLE	1	19,903	0	0
GLOBAL NET LEASE INC	COM	379378201	1,221	62,593	SH	SOLE	1	62,593	0	0
GLOBAL PAYMENTS INC	COM	37940X102	17,314	108,895	SH	SOLE	1	108,895	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	88	7,447	SH	SOLE	1	7,447	0	0
GLOBANT SA	COM	L44385109	44	485	SH	SOLE	1	485	0	0
GLOBE LIFE INC	COM	37959E102	3,265	34,098	SH	SOLE	1	34,098	0	0
GLOBUS MEDICAL INC A	COM	379577208	9,908	193,809	SH	SOLE	1	193,809	0	0
GLU MOBILE INC	COM	379890106	365	73,140	SH	SOLE	1	73,140	0	0
GLYCOMIMETICS INC	COM	38000Q102	92	21,354	SH	SOLE	1	21,354	0	0
GMS INC	COM	36251C103	714	24,862	SH	SOLE	1	24,862	0	0
GNC HOLDINGS INC CL A	CL A	36191G107	111	51,639	SH	SOLE	1	51,639	0	0
GODADDY INC CLASS A	COM	380237107	284	4,299	SH	SOLE	1	4,299	0	0

GOGO INC	COM	38046C109	209	34,679 SH	SOLE	1	34,679	0	0
GOLAR LNG LTD	COM	G9456A100	777	59,838 SH	SOLE	1	59,838	0	0
GOLD RESOURCE CORP	COM	38068T105	117	38,333 SH	SOLE	1	38,333	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	144	10,800 SH	SOLE	1	10,800	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	21,949	105,917 SH	SOLE	1	105,917	0	0
GOODRICH PETROLEUM CORP	COM	382410843	61	5,738 SH	SOLE	1	5,738	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	6,425	446,053 SH	SOLE	1	446,053	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	356	7,218 SH	SOLE	1	7,218	0	0
GOPRO INC CLASS A	COM	38268T103	412	79,516 SH	SOLE	1	79,516	0	0
GORMAN RUPP CO	COM	383082104	387	11,125 SH	SOLE	1	11,125	0	0
GOSSAMER BIO INC	COM	38341P102	455	27,079 SH	SOLE	1	27,079	0	0
GP STRATEGIES CORP	COM	36225V104	104	8,072 SH	SOLE	1	8,072	0	0
GRACO INC	COM	384109104	14,793	321,318 SH	SOLE	1	321,318	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	13	993 SH	SOLE	1	993	0	0
GRAHAM CORP	COM	384556106	120	6,060 SH	SOLE	1	6,060	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,513	9,817 SH	SOLE	1	9,817	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	79	805 SH	SOLE	1	805	0	0
GRANITE CONSTRUCTION INC	COM	387328107	3,814	118,717 SH	SOLE	1	118,717	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	755	40,276 SH	SOLE	1	40,276	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	70	4,765 SH	SOLE	1	4,765	0	0
GRAY TELEVISION INC	COM	389375106	938	57,505 SH	SOLE	1	57,505	0	0
GREAT AJAX CORP	COM	38983D300	163	10,510 SH	SOLE	1	10,510	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	402	38,486 SH	SOLE	1	38,486	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	398	6,993 SH	SOLE	1	6,993	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,399	42,402 SH	SOLE	1	42,402	0	0
GREEN BRICK PARTNERS INC	COM	392709101	164	15,354 SH	SOLE	1	15,354	0	0
GREEN DOT CORP CLASS A	COM	39304D102	3,061	121,235 SH	SOLE	1	121,235	0	0
GREEN PLAINS INC	COM	393222104	286	26,958 SH	SOLE	1	26,958	0	0
GREENBRIER COMPANIES INC	COM	393657101	718	23,852 SH	SOLE	1	23,852	0	0
GREENE COUNTY BANCORP INC	COM	394357107	57	2,089 SH	SOLE	1	2,089	0	0
GREENHILL & CO INC	COM	395259104	158	12,031 SH	SOLE	1	12,031	0	0
GREENLANE HOLDINGS INC A	COM	395330103	13	3,918 SH	SOLE	1	3,918	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	193	18,418 SH	SOLE	1	18,418	0	0
GREIF INC CL A	CL A	397624107	3,680	97,114 SH	SOLE	1	97,114	0	0
GREIF INC CL B	COM	397624206	173	3,807 SH	SOLE	1	3,807	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	23	610 SH	SOLE	1	610	0	0

GRIFFON CORP	COM	398433102	581	27,727	SH	SOLE	1	27,727	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	136	15,736	SH	SOLE	1	15,736	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	12	332	SH	SOLE	1	332	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,205	13,059	SH	SOLE	1	13,059	0	0
GROUPON INC	COM	399473107	759	285,296	SH	SOLE	1	285,296	0	0
GRUBHUB INC	COM	400110102	9,893	175,996	SH	SOLE	1	175,996	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	17	1,291	SH	SOLE	1	1,291	0	0
GSI TECHNOLOGY INC	COM	36241U106	88	10,025	SH	SOLE	1	10,025	0	0
GTT COMMUNICATIONS INC	COM	362393100	198	21,008	SH	SOLE	1	21,008	0	0
GTY GOVTECH INC	COM	362409104	157	25,027	SH	SOLE	1	25,027	0	0
GUARANTY BANCSHARES INC	COM	400764106	157	5,135	SH	SOLE	1	5,135	0	0
GUARDANT HEALTH INC	COM	40131M109	57	892	SH	SOLE	1	892	0	0
GUESS INC	COM	401617105	675	36,406	SH	SOLE	1	36,406	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	210	1,994	SH	SOLE	1	1,994	0	0
GULF ISLAND FABRICATION INC	COM	402307102	7	1,391	SH	SOLE	1	1,391	0	0
GULFPORT ENERGY CORP	COM	402635304	317	117,101	SH	SOLE	1	117,101	0	0
GWG HOLDINGS INC	COM	36192A109	11	1,149	SH	SOLE	1	1,149	0	0
H.B. FULLER CO.	COM	359694106	1,758	37,762	SH	SOLE	1	37,762	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	582	20,166	SH	SOLE	1	20,166	0	0
H&R BLOCK INC	COM	093671105	13,516	572,236	SH	SOLE	1	572,236	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	114	12,999	SH	SOLE	1	12,999	0	0
HACKETT GROUP INC/THE	COM	404609109	254	15,440	SH	SOLE	1	15,440	0	0
HAEMONETICS CORP/MASS	COM	405024100	16,262	128,917	SH	SOLE	1	128,917	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	3,310	154,118	SH	SOLE	1	154,118	0	0
HALLADOR ENERGY CO	COM	40609P105	46	12,837	SH	SOLE	1	12,837	0	0
HALLIBURTON CO	COM	406216101	5,670	300,813	SH	SOLE	1	300,813	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	158	8,249	SH	SOLE	1	8,249	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,402	90,392	SH	SOLE	1	90,392	0	0
HAMILTON BEACH BRAND A	COM	40701T104	67	4,147	SH	SOLE	1	4,147	0	0
HAMILTON LANE INC CLASS A	COM	407497106	784	13,763	SH	SOLE	1	13,763	0	0
HANCOCK WHITNEY CORP	COM	410120109	8,789	229,520	SH	SOLE	1	229,520	0	0
HANESBRANDS INC	COM	410345102	15,259	996,022	SH	SOLE	1	996,022	0	0
HANGER INC	COM	41043F208	466	22,877	SH	SOLE	1	22,877	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	423	22,531	SH	SOLE	1	22,531	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,166	39,994	SH	SOLE	1	39,994	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	13,027	96,115	SH	SOLE	1	96,115	0	0

HARBORONE BANCORP INC	COM	41165Y100	167	16,557	SH	SOLE	1	16,557	0	0
HARLEY DAVIDSON INC	COM	412822108	1,936	53,826	SH	SOLE	1	53,826	0	0
HARMONIC INC	COM	413160102	423	64,253	SH	SOLE	1	64,253	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	63	4,580	SH	SOLE	1	4,580	0	0
HARSCO CORP	COM	415864107	1,120	59,072	SH	SOLE	1	59,072	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	7,527	124,187	SH	SOLE	1	124,187	0	0
HASBRO INC	COM	418056107	5,722	48,209	SH	SOLE	1	48,209	0	0
HAVERTY FURNITURE	COM	419596101	269	13,263	SH	SOLE	1	13,263	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	9,534	209,036	SH	SOLE	1	209,036	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	914	34,815	SH	SOLE	1	34,815	0	0
HAWKINS INC	COM	420261109	306	7,202	SH	SOLE	1	7,202	0	0
HAWTHORN BANCSHARES INC	COM	420476103	85	3,572	SH	SOLE	1	3,572	0	0
HAYNES INTERNATIONAL INC	COM	420877201	331	9,222	SH	SOLE	1	9,222	0	0
HCA HEALTHCARE INC	COM	40412C101	13,533	112,383	SH	SOLE	1	112,383	0	0
HCI GROUP INC	COM	40416E103	196	4,668	SH	SOLE	1	4,668	0	0
HCP INC	COM	40414L109	5,814	163,168	SH	SOLE	1	163,168	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,225	31,259	SH	SOLE	1	31,259	0	0
HDFC BANK LTD ADR	ADR	40415F101	58	1,024	SH	SOLE	1	1,024	0	0
HEALTH CATALYST INC	COM	42225T107	162	5,129	SH	SOLE	1	5,129	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	154	6,161	SH	SOLE	1	6,161	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	10,943	326,660	SH	SOLE	1	326,660	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,565	187,946	SH	SOLE	1	187,946	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	97	3,300	SH	SOLE	1	3,300	0	0
HEALTHQUITY INC	COM	42226A107	10,176	178,067	SH	SOLE	1	178,067	0	0
HEALTHSTREAM INC	COM	42222N103	499	19,263	SH	SOLE	1	19,263	0	0
HEARTLAND EXPRESS INC	COM	422347104	734	34,143	SH	SOLE	1	34,143	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	982	21,958	SH	SOLE	1	21,958	0	0
HECLA MINING CO	COM	422704106	535	304,234	SH	SOLE	1	304,234	0	0
HEICO CORP	COM	422806109	119	953	SH	SOLE	1	953	0	0
HEICO CORP CLASS A	COM	422806208	181	1,865	SH	SOLE	1	1,865	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	382	13,990	SH	SOLE	1	13,990	0	0
HELEN OF TROY LTD	COM	G4388N106	10,030	63,616	SH	SOLE	1	63,616	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	751	18,500	SH	SOLE	1	18,500	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	848	105,158	SH	SOLE	1	105,158	0	0
HELMERICH & PAYNE	COM	423452101	1,504	37,545	SH	SOLE	1	37,545	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	11,831	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	130	10,678	SH	SOLE	1	10,678	0	0

HENRY SCHEIN INC	COM	806407102	5,320	83,775 SH	SOLE	1	83,775	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	68	1,783 SH	SOLE	1	1,783	0	0
HERC HOLDINGS INC	COM	42704L104	708	15,222 SH	SOLE	1	15,222	0	0
HERITAGE COMMERCE CORP	COM	426927109	310	26,369 SH	SOLE	1	26,369	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	251	9,486 SH	SOLE	1	9,486	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	733	27,201 SH	SOLE	1	27,201	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	252	16,824 SH	SOLE	1	16,824	0	0
HERMAN MILLER INC	COM	600544100	6,892	149,543 SH	SOLE	1	149,543	0	0
HERON THERAPEUTICS INC	COM	427746102	862	46,604 SH	SOLE	1	46,604	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	388	26,052 SH	SOLE	1	26,052	0	0
HERSHEY CO/THE	COM	427866108	7,921	51,105 SH	SOLE	1	51,105	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	887	64,090 SH	SOLE	1	64,090	0	0
HESKA CORP	COM	42805E306	365	5,153 SH	SOLE	1	5,153	0	0
HESS CORP	COM	42809H107	6,647	109,900 SH	SOLE	1	109,900	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	8,931	588,699 SH	SOLE	1	588,699	0	0
HEXCEL CORP	COM	428291108	166	2,025 SH	SOLE	1	2,025	0	0
HF FOODS GROUP INC	COM	40417F109	81	4,750 SH	SOLE	1	4,750	0	0
HIBBETT SPORTS INC	COM	428567101	302	13,208 SH	SOLE	1	13,208	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	417	262,048 SH	SOLE	1	262,048	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	8,941	198,950 SH	SOLE	1	198,950	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,518	128,460 SH	SOLE	1	128,460	0	0
HILLENBRAND INC	COM	431571108	1,421	46,022 SH	SOLE	1	46,022	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,080	45,203 SH	SOLE	1	45,203	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	48	1,503 SH	SOLE	1	1,503	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	9,084	97,562 SH	SOLE	1	97,562	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	166	876 SH	SOLE	1	876	0	0
HMS HOLDINGS CORP	COM	40425J101	2,220	64,421 SH	SOLE	1	64,421	0	0
HNI CORP	COM	404251100	3,856	108,610 SH	SOLE	1	108,610	0	0
HOLLYFRONTIER CORP	COM	436106108	3,536	65,930 SH	SOLE	1	65,930	0	0
HOLOGIC INC	COM	436440101	4,811	95,296 SH	SOLE	1	95,296	0	0
HOME BANCORP INC	COM	43689E107	192	4,912 SH	SOLE	1	4,912	0	0
HOME BANCSHARES INC	COM	436893200	8,923	474,742 SH	SOLE	1	474,742	0	0
HOME DEPOT INC	COM	437076102	106,330	458,280 SH	SOLE	1	458,280	0	0
HOMESTREET INC	COM	43785V102	460	16,845 SH	SOLE	1	16,845	0	0
HOMETRUST BANCSHARES INC	COM	437872104	261	10,016 SH	SOLE	1	10,016	0	0
HOMOLOGY MEDICINES INC	COM	438083107	283	15,656 SH	SOLE	1	15,656	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	46,371	274,062 SH	SOLE	1	274,062	0	0

HOOKER FURNITURE CORP	COM	439038100	157	7,341	SH	SOLE	1	7,341	0	0
HOOKIPA PHARMA INC	COM	43906K100	10	1,320	SH	SOLE	1	1,320	0	0
HOPE BANCORP INC	COM	43940T109	2,764	192,722	SH	SOLE	1	192,722	0	0
HORACE MANN EDUCATORS	COM	440327104	1,420	30,650	SH	SOLE	1	30,650	0	0
HORIZON BANCORP INC/IN	COM	440407104	409	23,569	SH	SOLE	1	23,569	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	86	3,148	SH	SOLE	1	3,148	0	0
HORMEL FOODS CORP	COM	440452100	5,203	118,970	SH	SOLE	1	118,970	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	4,456	257,713	SH	SOLE	1	257,713	0	0
HOSTESS BRANDS INC	COM	44109J106	1,055	75,466	SH	SOLE	1	75,466	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	351	65,932	SH	SOLE	1	65,932	0	0
HOULIHAN LOKEY INC	COM	441593100	1,175	26,045	SH	SOLE	1	26,045	0	0
HOWARD BANCORP INC	COM	442496105	136	8,136	SH	SOLE	1	8,136	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	97	751	SH	SOLE	1	751	0	0
HP INC	COM	40434L105	286,708	15,153,723	SH	SOLE	1	15,153,723	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	59	1,800	SH	SOLE	1	1,800	0	0
HUB GROUP INC CL A	CL A	443320106	1,120	24,087	SH	SOLE	1	24,087	0	0
HUBBELL INC	COM	443510607	13,747	104,619	SH	SOLE	1	104,619	0	0
HUBSPOT INC	COM	443573100	148	973	SH	SOLE	1	973	0	0
HUDSON LTD CLASS A	COM	G46408103	307	25,049	SH	SOLE	1	25,049	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	82	2,460	SH	SOLE	1	2,460	0	0
HUMANA INC	COM	444859102	14,697	57,485	SH	SOLE	1	57,485	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,920	35,430	SH	SOLE	1	35,430	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,179	432,977	SH	SOLE	1	432,977	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,061	14,454	SH	SOLE	1	14,454	0	0
HUNTSMAN CORP	COM	447011107	83	3,561	SH	SOLE	1	3,561	0	0
HURCO COMPANIES INC	COM	447324104	129	4,008	SH	SOLE	1	4,008	0	0
HURON CONSULTING GROUP INC	COM	447462102	869	14,160	SH	SOLE	1	14,160	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	11	600	SH	SOLE	1	600	0	0
HYATT HOTELS CORP CL A	CL A	448579102	45	612	SH	SOLE	1	612	0	0
HYSTER YALE MATERIALS	COM	449172105	350	6,389	SH	SOLE	1	6,389	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	184	9,143	SH	SOLE	1	9,143	0	0
IAA INC	COM	449253103	131	3,147	SH	SOLE	1	3,147	0	0
IAC/INTERACTIVECORP	COM	44919P508	340	1,561	SH	SOLE	1	1,561	0	0
IBERIABANK CORP	COM	450828108	2,490	32,967	SH	SOLE	1	32,967	0	0
ICF INTERNATIONAL INC	COM	44925C103	968	11,461	SH	SOLE	1	11,461	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	396	16,365	SH	SOLE	1	16,365	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	192	15,774	SH	SOLE	1	15,774	0	0

ICU MEDICAL INC	COM	44930G107	5,892	36,917 SH	SOLE	1	36,917	0	0
IDACORP INC	COM	451107106	10,892	96,676 SH	SOLE	1	96,676	0	0
IDEANOMICS INC	COM	45166V106	49	32,300 SH	SOLE	1	32,300	0	0
IDEX CORP	COM	45167R104	4,180	25,504 SH	SOLE	1	25,504	0	0
IDEXX LABORATORIES INC	COM	45168D104	10,191	37,477 SH	SOLE	1	37,477	0	0
IDT CORP CLASS B	COM	448947507	111	10,515 SH	SOLE	1	10,515	0	0
IES HOLDINGS INC	COM	44951W106	107	5,211 SH	SOLE	1	5,211	0	0
IHS MARKIT LTD	COM	G47567105	10,491	156,861 SH	SOLE	1	156,861	0	0
II VI INC	COM	902104108	7,894	224,190 SH	SOLE	1	224,190	0	0
ILLINOIS TOOL WORKS	COM	452308109	19,470	124,417 SH	SOLE	1	124,417	0	0
ILLUMINA INC	COM	452327109	18,633	61,248 SH	SOLE	1	61,248	0	0
IMAX CORP	COM	45245E109	725	33,035 SH	SOLE	1	33,035	0	0
IMMERSON CORPORATION	COM	452521107	151	19,687 SH	SOLE	1	19,687	0	0
IMMUNOGEN INC	COM	45253H101	222	91,581 SH	SOLE	1	91,581	0	0
IMMUNOMEDICS INC	COM	452907108	1,466	110,522 SH	SOLE	1	110,522	0	0
IMPINJ INC	COM	453204109	288	9,329 SH	SOLE	1	9,329	0	0
INCYTE CORP	COM	45337C102	6,027	81,192 SH	SOLE	1	81,192	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	36	30,305 SH	SOLE	1	30,305	0	0
INDEPENDENCE HOLDING CO	COM	453440307	121	3,137 SH	SOLE	1	3,137	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	955	66,750 SH	SOLE	1	66,750	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	291	13,664 SH	SOLE	1	13,664	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,848	24,753 SH	SOLE	1	24,753	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,185	22,517 SH	SOLE	1	22,517	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	870	40,936 SH	SOLE	1	40,936	0	0
INFINERA CORP	COM	45667G103	604	110,793 SH	SOLE	1	110,793	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	56	22,528 SH	SOLE	1	22,528	0	0
INFOSYS LTD SP ADR	ADR	456788108	551	48,463 SH	SOLE	1	48,463	0	0
INGERSOLL RAND PLC	COM	G47791101	11,509	93,412 SH	SOLE	1	93,412	0	0
INGEVITY CORP	COM	45688C107	9,008	106,175 SH	SOLE	1	106,175	0	0
INGLES MARKETS INC CLASS A	COM	457030104	347	8,934 SH	SOLE	1	8,934	0	0
INGREDION INC	COM	457187102	10,464	128,010 SH	SOLE	1	128,010	0	0
INNERWORKINGS INC	COM	45773Y105	123	27,875 SH	SOLE	1	27,875	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	472	14,549 SH	SOLE	1	14,549	0	0
INNOSPEC INC	COM	45768S105	1,608	18,044 SH	SOLE	1	18,044	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	745	8,068 SH	SOLE	1	8,068	0	0
INNOVIVA INC	COM	45781M101	503	47,688 SH	SOLE	1	47,688	0	0
INOGEN INC	COM	45780L104	2,318	48,380 SH	SOLE	1	48,380	0	0
INOVALON HOLDINGS INC A	COM	45781D101	737	44,939 SH	SOLE	1	44,939	0	0

INOVIO PHARMACEUTICALS INC	COM	45773H201	120	58,536	SH	SOLE	1	58,536	0	0
INPHI CORP	COM	45772F107	1,733	28,390	SH	SOLE	1	28,390	0	0
INSEGO CORP	COM	45782B104	136	28,428	SH	SOLE	1	28,428	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,466	26,318	SH	SOLE	1	26,318	0	0
INSMED INC	COM	457669307	992	56,228	SH	SOLE	1	56,228	0	0
INSPERITY INC	COM	45778Q107	9,676	98,119	SH	SOLE	1	98,119	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	513	8,413	SH	SOLE	1	8,413	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	40	5,586	SH	SOLE	1	5,586	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	955	16,648	SH	SOLE	1	16,648	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	280	13,660	SH	SOLE	1	13,660	0	0
INSTRUCTURE INC	COM	45781U103	835	21,543	SH	SOLE	1	21,543	0	0
INSULET CORP	COM	45784P101	239	1,451	SH	SOLE	1	1,451	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,822	24,114	SH	SOLE	1	24,114	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,181	136,187	SH	SOLE	1	136,187	0	0
INTEL CORP	COM	458140100	92,217	1,789,585	SH	SOLE	1	1,789,585	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	326	24,412	SH	SOLE	1	24,412	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	179	4,306	SH	SOLE	1	4,306	0	0
INTELSAT SA	COM	L5140P101	965	42,338	SH	SOLE	1	42,338	0	0
INTER PARFUMS INC	COM	458334109	913	13,053	SH	SOLE	1	13,053	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	7,924	147,349	SH	SOLE	1	147,349	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,054	15,888	SH	SOLE	1	15,888	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	21,743	235,641	SH	SOLE	1	235,641	0	0
INTERDIGITAL INC	COM	45867G101	4,140	78,907	SH	SOLE	1	78,907	0	0
INTERFACE INC	COM	458665304	620	42,968	SH	SOLE	1	42,968	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,601	145,034	SH	SOLE	1	145,034	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	23	1,590	SH	SOLE	1	1,590	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	118	8,586	SH	SOLE	1	8,586	0	0
INTERNATIONAL PAPER CO	COM	460146103	6,936	165,857	SH	SOLE	1	165,857	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	307	15,924	SH	SOLE	1	15,924	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	16,003	742,239	SH	SOLE	1	742,239	0	0
INTERSECT ENT INC	COM	46071F103	330	19,394	SH	SOLE	1	19,394	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	406,465	2,795,111	SH	SOLE	1	2,795,111	0	0
INTL FCSTONE INC	COM	46116V105	487	11,861	SH	SOLE	1	11,861	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	4,921	40,106	SH	SOLE	1	40,106	0	0
INTL SPEEDWAY CORP CL A	CL A	460335201	2,709	60,177	SH	SOLE	1	60,177	0	0

INTRA CELLULAR THERAPIES INC	COM	46116X101	210	28,120	SH	SOLE	1	28,120	0	0
INTREPID POTASH INC	COM	46121Y102	197	60,203	SH	SOLE	1	60,203	0	0
INTREXON CORP	COM	46122T102	259	45,313	SH	SOLE	1	45,313	0	0
INTRICON CORP	COM	46121H109	101	5,182	SH	SOLE	1	5,182	0	0
INTUIT INC	COM	461202103	29,015	109,103	SH	SOLE	1	109,103	0	0
INTUITIVE SURGICAL INC	COM	46120E602	23,468	43,465	SH	SOLE	1	43,465	0	0
INVACARE CORP	COM	461203101	187	24,939	SH	SOLE	1	24,939	0	0
INVESCO LTD	COM	G491BT108	2,823	166,626	SH	SOLE	1	166,626	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,630	106,438	SH	SOLE	1	106,438	0	0
INVESTAR HOLDING CORP	COM	46134L105	140	5,876	SH	SOLE	1	5,876	0	0
INVESTORS BANCORP INC	COM	46146L101	1,654	145,633	SH	SOLE	1	145,633	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	549	7,357	SH	SOLE	1	7,357	0	0
INVESTORS TITLE CO	COM	461804106	141	881	SH	SOLE	1	881	0	0
INVITAE CORP	COM	46185L103	1,054	54,719	SH	SOLE	1	54,719	0	0
INVITATION HOMES INC	COM	46187W107	229	7,734	SH	SOLE	1	7,734	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	187	3,129	SH	SOLE	1	3,129	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	1,318	72,415	SH	SOLE	1	72,415	0	0
IPG PHOTONICS CORP	COM	44980X109	1,663	12,263	SH	SOLE	1	12,263	0	0
IQIYI INC ADR	ADR	46267X108	24	1,500	SH	SOLE	1	1,500	0	0
IQVIA HOLDINGS INC	COM	46266C105	10,751	71,973	SH	SOLE	1	71,973	0	0
IRADIMED CORP	COM	46266A109	60	2,840	SH	SOLE	1	2,840	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,158	15,627	SH	SOLE	1	15,627	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,558	73,192	SH	SOLE	1	73,192	0	0
IROBOT CORP	COM	462726100	1,260	20,425	SH	SOLE	1	20,425	0	0
IRON MOUNTAIN INC	COM	46284V101	4,390	135,549	SH	SOLE	1	135,549	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	833	97,046	SH	SOLE	1	97,046	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	11,748	138,500	SH	SOLE	1	138,500	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	75	500	SH	SOLE	1	500	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	3,534	24,700	SH	SOLE	1	24,700	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	12,819	101,100	SH	SOLE	1	101,100	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	3,453	30,700	SH	SOLE	1	30,700	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,699	21,831	SH	SOLE	1	21,831	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	18,153	142,400	SH	SOLE	1	142,400	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	64,232	985,000	SH	SOLE	1	985,000	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,499	85,617	SH	SOLE	1	85,617	0	0
ISHARES MSCI INDIA ETF	MSCI INDIA ETF	46429B598	3,974	118,386	SH	SOLE	1	118,386	0	0

ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	9,595	63,400	SH	SOLE	1	63,400	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	960	6,794	SH	SOLE	1	6,794	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	388	4,325	SH	SOLE	1	4,325	0	0
ISHARES S&P 500 GROWTH ETF	S&P 500 GRWT ETF	464287309	6,824	37,904	SH	SOLE	1	37,904	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	3,055	25,640	SH	SOLE	1	25,640	0	0
ISRAMCO INC	COM	465141406	57	468	SH	SOLE	1	468	0	0
ISTAR INC	COM	45031U101	574	44,019	SH	SOLE	1	44,019	0	0
ITERIS INC	COM	46564T107	146	25,350	SH	SOLE	1	25,350	0	0
ITRON INC	COM	465741106	1,887	25,520	SH	SOLE	1	25,520	0	0
ITT INC	COM	45073V108	10,329	168,810	SH	SOLE	1	168,810	0	0
J & J SNACK FOODS CORP	COM	466032109	2,148	11,185	SH	SOLE	1	11,185	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	95	8,108	SH	SOLE	1	8,108	0	0
J. JILL INC	COM	46620W102	20	10,643	SH	SOLE	1	10,643	0	0
J.C. PENNEY CO INC	COM	708160106	208	233,765	SH	SOLE	1	233,765	0	0
J2 GLOBAL INC	COM	48123V102	10,703	117,848	SH	SOLE	1	117,848	0	0
JABIL INC	COM	466313103	9,564	267,386	SH	SOLE	1	267,386	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	3,881	26,588	SH	SOLE	1	26,588	0	0
JACK IN THE BOX INC	COM	466367109	5,961	65,418	SH	SOLE	1	65,418	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	4,253	46,485	SH	SOLE	1	46,485	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	348	47,932	SH	SOLE	1	47,932	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	1,129	22,040	SH	SOLE	1	22,040	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	6,854	305,175	SH	SOLE	1	305,175	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	167	1,302	SH	SOLE	1	1,302	0	0
JBG SMITH PROPERTIES	COM	46590V100	8,881	226,492	SH	SOLE	1	226,492	0	0
JD.COM INC ADR	ADR	47215P106	1,884	66,777	SH	SOLE	1	66,777	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	11,975	650,836	SH	SOLE	1	650,836	0	0
JELD WEN HOLDING INC	COM	47580P103	823	42,651	SH	SOLE	1	42,651	0	0
JERNIGAN CAPITAL INC	COM	476405105	259	13,474	SH	SOLE	1	13,474	0	0
JETBLUE AIRWAYS CORP	COM	477143101	9,523	568,560	SH	SOLE	1	568,560	0	0
JM SMUCKER CO/THE	COM	832696405	5,024	45,667	SH	SOLE	1	45,667	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	620	6,415	SH	SOLE	1	6,415	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,305	23,182	SH	SOLE	1	23,182	0	0
JOHNSON & JOHNSON	COM	478160104	125,216	967,815	SH	SOLE	1	967,815	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	14,403	328,152	SH	SOLE	1	328,152	0	0
JOHNSON OUTDOORS INC A	COM	479167108	182	3,114	SH	SOLE	1	3,114	0	0
JOINT CORP/THE	COM	47973J102	153	8,245	SH	SOLE	1	8,245	0	0
JONES LANG LASALLE INC	COM	48020Q107	14,562	104,718	SH	SOLE	1	104,718	0	0

JOUNCE THERAPEUTICS INC	COM	481116101	34	10,216	SH	SOLE	1	10,216	0	0
JPMORGAN CHASE & CO	COM	46625H100	509,272	4,327,231	SH	SOLE	1	4,327,231	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,938	118,723	SH	SOLE	1	118,723	0	0
K12 INC	COM	48273U102	643	24,350	SH	SOLE	1	24,350	0	0
KADANT INC	COM	48282T104	609	6,939	SH	SOLE	1	6,939	0	0
KADMON HOLDINGS INC	COM	48283N106	207	82,212	SH	SOLE	1	82,212	0	0
KAISER ALUMINUM CORP	COM	483007704	1,174	11,861	SH	SOLE	1	11,861	0	0
KALA PHARMACEUTICALS INC	COM	483119103	52	13,789	SH	SOLE	1	13,789	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	24	3,186	SH	SOLE	1	3,186	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	86	7,371	SH	SOLE	1	7,371	0	0
KAMAN CORP	COM	483548103	1,221	20,543	SH	SOLE	1	20,543	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,529	34,048	SH	SOLE	1	34,048	0	0
KAR AUCTION SERVICES INC	COM	48238T109	7,142	290,918	SH	SOLE	1	290,918	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	47	2,892	SH	SOLE	1	2,892	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	357	37,103	SH	SOLE	1	37,103	0	0
KB HOME	COM	48666K109	7,372	216,815	SH	SOLE	1	216,815	0	0
KBR INC	COM	48242W106	8,802	358,699	SH	SOLE	1	358,699	0	0
KEANE GROUP INC	COM	48669A108	203	33,516	SH	SOLE	1	33,516	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	675	51,786	SH	SOLE	1	51,786	0	0
KELLOGG CO	COM	487836108	7,519	116,845	SH	SOLE	1	116,845	0	0
KELLY SERVICES INC A	COM	488152208	595	24,563	SH	SOLE	1	24,563	0	0
KEMET CORP	COM	488360207	770	42,333	SH	SOLE	1	42,333	0	0
KEMPER CORP	COM	488401100	9,372	120,225	SH	SOLE	1	120,225	0	0
KENNAMETAL INC	COM	489170100	6,416	208,720	SH	SOLE	1	208,720	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,699	77,495	SH	SOLE	1	77,495	0	0
KEYCORP	COM	493267108	7,495	420,123	SH	SOLE	1	420,123	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	6,210	63,854	SH	SOLE	1	63,854	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	32	9,822	SH	SOLE	1	9,822	0	0
KFORCE INC	COM	493732101	515	13,623	SH	SOLE	1	13,623	0	0
KILROY REALTY CORP	COM	49427F108	13,888	178,301	SH	SOLE	1	178,301	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	225	15,494	SH	SOLE	1	15,494	0	0
KIMBALL INTERNATIONAL B	COM	494274103	435	22,522	SH	SOLE	1	22,522	0	0
KIMBERLY CLARK CORP	COM	494368103	17,919	126,144	SH	SOLE	1	126,144	0	0
KIMCO REALTY CORP	COM	49446R109	3,021	144,694	SH	SOLE	1	144,694	0	0
KINDER MORGAN INC	COM	49456B101	17,245	836,708	SH	SOLE	1	836,708	0	0
KINDRED BIOSCIENCES INC	COM	494577109	160	23,390	SH	SOLE	1	23,390	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	75	8,810	SH	SOLE	1	8,810	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	1,333	12,903	SH	SOLE	1	12,903	0	0

KIRBY CORP	COM	497266106	9,441	114,904 SH	SOLE	1	114,904	0	0
KITE REALTY GROUP TRUST	COM	49803T300	994	61,568 SH	SOLE	1	61,568	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	311	15,948 SH	SOLE	1	15,948	0	0
KLA CORP	COM	482480100	10,709	67,162 SH	SOLE	1	67,162	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	134	15,456 SH	SOLE	1	15,456	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,380	258,412 SH	SOLE	1	258,412	0	0
KNOLL INC	COM	498904200	785	30,964 SH	SOLE	1	30,964	0	0
KNOWLES CORP	COM	49926D109	1,237	60,792 SH	SOLE	1	60,792	0	0
KODIAK SCIENCES INC	COM	50015M109	214	14,888 SH	SOLE	1	14,888	0	0
KOHL'S CORP	COM	500255104	2,717	54,719 SH	SOLE	1	54,719	0	0
KONTOOR BRANDS INC	COM	50050N103	1,161	33,066 SH	SOLE	1	33,066	0	0
KOPPERS HOLDINGS INC	COM	50060P106	414	14,158 SH	SOLE	1	14,158	0	0
KORN FERRY	COM	500643200	1,615	41,788 SH	SOLE	1	41,788	0	0
KOSMOS ENERGY LTD	COM	500688106	37	5,862 SH	SOLE	1	5,862	0	0
KRAFT HEINZ CO/THE	COM	500754106	194,166	6,950,620 SH	SOLE	1	6,950,620	0	0
KRATON CORP	COM	50077C106	751	23,255 SH	SOLE	1	23,255	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,058	56,910 SH	SOLE	1	56,910	0	0
KROGER CO	COM	501044101	8,560	332,049 SH	SOLE	1	332,049	0	0
KRONOS WORLDWIDE INC	COM	50105F105	177	14,305 SH	SOLE	1	14,305	0	0
KRYSTAL BIOTECH INC	COM	501147102	230	6,628 SH	SOLE	1	6,628	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	164	6,973 SH	SOLE	1	6,973	0	0
KURA ONCOLOGY INC	COM	50127T109	329	21,670 SH	SOLE	1	21,670	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	42	2,125 SH	SOLE	1	2,125	0	0
KVH INDUSTRIES INC	COM	482738101	109	10,241 SH	SOLE	1	10,241	0	0
L BRANDS INC	COM	501797104	195,756	9,992,666 SH	SOLE	1	9,992,666	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	15,911	76,262 SH	SOLE	1	76,262	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	115	13,079 SH	SOLE	1	13,079	0	0
LA Z BOY INC	COM	505336107	1,124	33,458 SH	SOLE	1	33,458	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,225	48,956 SH	SOLE	1	48,956	0	0
LADDER CAPITAL CORP REIT	COM	505743104	1,123	65,017 SH	SOLE	1	65,017	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	178	75,014 SH	SOLE	1	75,014	0	0
LAKELAND BANCORP INC	COM	511637100	475	30,774 SH	SOLE	1	30,774	0	0
LAKELAND FINANCIAL CORP	COM	511656100	684	15,562 SH	SOLE	1	15,562	0	0
LAM RESEARCH CORP	COM	512807108	14,819	64,121 SH	SOLE	1	64,121	0	0
LAMAR ADVERTISING CO A	COM	512816109	16,500	201,393 SH	SOLE	1	201,393	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,887	53,445 SH	SOLE	1	53,445	0	0
LANCASTER COLONY CORP	COM	513847103	6,876	49,590 SH	SOLE	1	49,590	0	0

LANDEC CORP	COM	514766104	168	15,434 SH	SOLE	1	15,434	0	0
LANDS END INC	COM	51509F105	76	6,708 SH	SOLE	1	6,708	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,591	76,312 SH	SOLE	1	76,312	0	0
LANNETT CO INC	COM	516012101	265	23,653 SH	SOLE	1	23,653	0	0
LANTHEUS HOLDINGS INC	COM	516544103	712	28,391 SH	SOLE	1	28,391	0	0
LAREDO PETROLEUM INC	COM	516806106	322	133,787 SH	SOLE	1	133,787	0	0
LAS VEGAS SANDS CORP	COM	517834107	339,597	5,879,447 SH	SOLE	1	5,879,447	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,440	78,751 SH	SOLE	1	78,751	0	0
LAUREATE EDUCATION INC A	COM	518613203	2,030	122,459 SH	SOLE	1	122,459	0	0
LAWSON PRODUCTS INC	COM	520776105	102	2,637 SH	SOLE	1	2,637	0	0
LAZARD LTD CL A	CL A	G54050102	70	1,997 SH	SOLE	1	1,997	0	0
LCI INDUSTRIES	COM	50189K103	1,668	18,162 SH	SOLE	1	18,162	0	0
LCNB CORPORATION	COM	50181P100	136	7,676 SH	SOLE	1	7,676	0	0
LEAF GROUP LTD	COM	52177G102	46	10,915 SH	SOLE	1	10,915	0	0
LEAR CORP	COM	521865204	2,034	17,251 SH	SOLE	1	17,251	0	0
LEE ENTERPRISES	COM	523768109	69	33,810 SH	SOLE	1	33,810	0	0
LEGACY HOUSING CORP	COM	52472M101	59	3,644 SH	SOLE	1	3,644	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,557	35,773 SH	SOLE	1	35,773	0	0
LEGG MASON INC	COM	524901105	10,689	279,881 SH	SOLE	1	279,881	0	0
LEGGETT & PLATT INC	COM	524660107	1,849	45,153 SH	SOLE	1	45,153	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,858	44,923 SH	SOLE	1	44,923	0	0
LEMAITRE VASCULAR INC	COM	525558201	410	12,007 SH	SOLE	1	12,007	0	0
LENDINGCLUB CORP	COM	52603A208	1,222	93,446 SH	SOLE	1	93,446	0	0
LENDINGTREE INC	COM	52603B107	4,583	14,765 SH	SOLE	1	14,765	0	0
LENNAR CORP B SHS	COM	526057302	14	307 SH	SOLE	1	307	0	0
LENNAR CORP A	COM	526057104	6,411	114,785 SH	SOLE	1	114,785	0	0
LENNOX INTERNATIONAL INC	COM	526107107	16,489	67,863 SH	SOLE	1	67,863	0	0
LEVEL ONE BANCORP INC	COM	52730D208	78	3,250 SH	SOLE	1	3,250	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	79	26,208 SH	SOLE	1	26,208	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,762	171,943 SH	SOLE	1	171,943	0	0
LGI HOMES INC	COM	50187T106	1,237	14,847 SH	SOLE	1	14,847	0	0
LHC GROUP INC	COM	50187A107	2,529	22,267 SH	SOLE	1	22,267	0	0
LIBERTY BROADBAND A	COM	530307107	42	398 SH	SOLE	1	398	0	0
LIBERTY BROADBAND C	COM	530307305	179	1,710 SH	SOLE	1	1,710	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	746	31,368 SH	SOLE	1	31,368	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	310	12,532 SH	SOLE	1	12,532	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	499	29,205 SH	SOLE	1	29,205	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,229	71,890 SH	SOLE	1	71,890	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	57	1,368 SH	SOLE	1	1,368	0	0

LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	105	2,502 SH	SOLE	1	2,502	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	175	6,282 SH	SOLE	1	6,282	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	632	22,757 SH	SOLE	1	22,757	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	16	403 SH	SOLE	1	403	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	133	3,200 SH	SOLE	1	3,200	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	364	33,607 SH	SOLE	1	33,607	0	0
LIBERTY PROPERTY TRUST	COM	531172104	15,534	302,629 SH	SOLE	1	302,629	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	432	45,856 SH	SOLE	1	45,856	0	0
LIFE STORAGE INC	COM	53223X107	9,433	89,486 SH	SOLE	1	89,486	0	0
LIFETIME BRANDS INC	COM	53222Q103	66	7,492 SH	SOLE	1	7,492	0	0
LIFEVANTAGE CORP	COM	53222K205	119	8,687 SH	SOLE	1	8,687	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,764	47,862 SH	SOLE	1	47,862	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	217	71,520 SH	SOLE	1	71,520	0	0
LIMONEIRA CO	COM	532746104	181	9,876 SH	SOLE	1	9,876	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,319	118,932 SH	SOLE	1	118,932	0	0
LINCOLN NATIONAL CORP	COM	534187109	5,003	82,944 SH	SOLE	1	82,944	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	243	14,495 SH	SOLE	1	14,495	0	0
LINDE PLC	COM	G5494J103	37,795	195,101 SH	SOLE	1	195,101	0	0
LINDSAY CORP	COM	535555106	743	8,005 SH	SOLE	1	8,005	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	67	68,290 SH	SOLE	1	68,290	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	8	814 SH	SOLE	1	814	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	16	1,839 SH	SOLE	1	1,839	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	30	8,476 SH	SOLE	1	8,476	0	0
LIQUIDITY SERVICES INC	COM	53635B107	150	20,256 SH	SOLE	1	20,256	0	0
LITHIA MOTORS INC CL A	CL A	536797103	2,177	16,444 SH	SOLE	1	16,444	0	0
LITTELFUSE INC	COM	537008104	8,362	47,158 SH	SOLE	1	47,158	0	0
LIVANOVA PLC	COM	G5509L101	9,055	122,712 SH	SOLE	1	122,712	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	17,758	267,678 SH	SOLE	1	267,678	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	291	16,083 SH	SOLE	1	16,083	0	0
LIVENT CORP	COM	53814L108	727	108,679 SH	SOLE	1	108,679	0	0
LIVEPERSON INC	COM	538146101	1,625	45,522 SH	SOLE	1	45,522	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	7,346	170,993 SH	SOLE	1	170,993	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	41	20,623 SH	SOLE	1	20,623	0	0
LIVONGO HEALTH INC	COM	539183103	160	9,157 SH	SOLE	1	9,157	0	0
LKQ CORP	COM	501889208	3,953	125,704 SH	SOLE	1	125,704	0	0
LOCKHEED MARTIN CORP	COM	539830109	45,000	115,367 SH	SOLE	1	115,367	0	0

LOEWS CORP	COM	540424108	6,513	126,512	SH	SOLE	1	126,512	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	56	5,185	SH	SOLE	1	5,185	0	0
LOGMEIN INC	COM	54142L109	6,729	94,830	SH	SOLE	1	94,830	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	336	8,105	SH	SOLE	1	8,105	0	0
LOUISIANA PACIFIC CORP	COM	546347105	7,707	313,555	SH	SOLE	1	313,555	0	0
LOVESAC CO/THE	COM	54738L109	104	5,545	SH	SOLE	1	5,545	0	0
LOWE S COS INC	COM	548661107	30,927	281,257	SH	SOLE	1	281,257	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	164	2,000	SH	SOLE	1	2,000	0	0
LSB INDUSTRIES INC	COM	502160104	86	16,606	SH	SOLE	1	16,606	0	0
LSC COMMUNICATIONS INC	COM	50218P107	29	20,684	SH	SOLE	1	20,684	0	0
LTC PROPERTIES INC	COM	502175102	1,497	29,235	SH	SOLE	1	29,235	0	0
LULULEMON ATHLETICA INC	COM	550021109	2,001	10,394	SH	SOLE	1	10,394	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	209	21,167	SH	SOLE	1	21,167	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	10,422	194,587	SH	SOLE	1	194,587	0	0
LUMINEX CORP	COM	55027E102	643	31,145	SH	SOLE	1	31,145	0	0
LUTHER BURBANK CORP	COM	550550107	143	12,603	SH	SOLE	1	12,603	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	257	16,503	SH	SOLE	1	16,503	0	0
LYDALL INC	COM	550819106	316	12,696	SH	SOLE	1	12,696	0	0
LYFT INC A	COM	55087P104	23	557	SH	SOLE	1	557	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	326,252	3,646,492	SH	SOLE	1	3,646,492	0	0
M & T BANK CORP	COM	55261F104	9,046	57,262	SH	SOLE	1	57,262	0	0
M/I HOMES INC	COM	55305B101	746	19,805	SH	SOLE	1	19,805	0	0
MACATAWA BANK CORP	COM	554225102	171	16,424	SH	SOLE	1	16,424	0	0
MACERICH CO/THE	COM	554382101	1,212	38,352	SH	SOLE	1	38,352	0	0
MACK CALI REALTY CORP	COM	554489104	4,916	226,956	SH	SOLE	1	226,956	0	0
MACKINAC FINANCIAL CORP	COM	554571109	90	5,821	SH	SOLE	1	5,821	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	624	29,016	SH	SOLE	1	29,016	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	47	1,189	SH	SOLE	1	1,189	0	0
MACROGENICS INC	COM	556099109	384	30,097	SH	SOLE	1	30,097	0	0
MACY S INC	COM	55616P104	166,343	10,704,185	SH	SOLE	1	10,704,185	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	83	315	SH	SOLE	1	315	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	425	4,934	SH	SOLE	1	4,934	0	0
MAGELLAN HEALTH INC	COM	559079207	1,009	16,246	SH	SOLE	1	16,246	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	124	12,131	SH	SOLE	1	12,131	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	708	63,817	SH	SOLE	1	63,817	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	94	4,484	SH	SOLE	1	4,484	0	0
MAJESCO	COM	56068V102	40	4,790	SH	SOLE	1	4,790	0	0

MALIBU BOATS INC A	COM	56117J100	402	13,100 SH	SOLE	1	13,100	0	0
MALLINCKRODT PLC	COM	G5785G107	128	53,064 SH	SOLE	1	53,064	0	0
MALVERN BANCORP INC	COM	561409103	104	4,770 SH	SOLE	1	4,770	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	20	8,206 SH	SOLE	1	8,206	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	9,997	123,928 SH	SOLE	1	123,928	0	0
MANITOWOC COMPANY INC	COM	563571405	277	22,157 SH	SOLE	1	22,157	0	0
MANNKIND CORP	COM	56400P706	148	118,402 SH	SOLE	1	118,402	0	0
MANPOWERGROUP INC	COM	56418H100	10,450	124,045 SH	SOLE	1	124,045	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,418	19,861 SH	SOLE	1	19,861	0	0
MARATHON OIL CORP	COM	565849106	4,348	354,361 SH	SOLE	1	354,361	0	0
MARATHON PETROLEUM CORP	COM	56585A102	13,090	215,469 SH	SOLE	1	215,469	0	0
MARCHEX INC CLASS B	COM	56624R108	71	22,668 SH	SOLE	1	22,668	0	0
MARCUS & MILLICHAP INC	COM	566324109	606	17,080 SH	SOLE	1	17,080	0	0
MARCUS CORPORATION	COM	566330106	616	16,655 SH	SOLE	1	16,655	0	0
MARINE PRODUCTS CORP	COM	568427108	66	4,665 SH	SOLE	1	4,665	0	0
MARINEMAX INC	COM	567908108	243	15,693 SH	SOLE	1	15,693	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	49	31,686 SH	SOLE	1	31,686	0	0
MARKEL CORP	COM	570535104	271	229 SH	SOLE	1	229	0	0
MARKER THERAPEUTICS INC	COM	57055L107	87	17,112 SH	SOLE	1	17,112	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	4,202	12,831 SH	SOLE	1	12,831	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	139	5,536 SH	SOLE	1	5,536	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	13,478	108,368 SH	SOLE	1	108,368	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	10,440	100,767 SH	SOLE	1	100,767	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	46	32,763 SH	SOLE	1	32,763	0	0
MARSH & MCLENNAN COS	COM	571748102	18,703	186,939 SH	SOLE	1	186,939	0	0
MARTEN TRANSPORT LTD	COM	573075108	603	29,042 SH	SOLE	1	29,042	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	6,865	25,047 SH	SOLE	1	25,047	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	265	10,628 SH	SOLE	1	10,628	0	0
MASCO CORP	COM	574599106	4,080	97,882 SH	SOLE	1	97,882	0	0
MASIMO CORP	COM	574795100	14,056	94,470 SH	SOLE	1	94,470	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	912	15,720 SH	SOLE	1	15,720	0	0
MASTEC INC	COM	576323109	9,907	152,579 SH	SOLE	1	152,579	0	0
MASTERCARD INC A	COM	57636Q104	87,856	323,510 SH	SOLE	1	323,510	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	174	11,625 SH	SOLE	1	11,625	0	0
MATADOR RESOURCES CO	COM	576485205	4,607	278,694 SH	SOLE	1	278,694	0	0
MATCH GROUP INC	COM	57665R106	96	1,338 SH	SOLE	1	1,338	0	0

MATERION CORP	COM	576690101	924	15,062	SH	SOLE	1	15,062	0	0
MATRIX SERVICE CO	COM	576853105	339	19,759	SH	SOLE	1	19,759	0	0
MATSON INC	COM	57686G105	1,184	31,558	SH	SOLE	1	31,558	0	0
MATTEL INC	COM	577081102	7,572	664,767	SH	SOLE	1	664,767	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	812	22,934	SH	SOLE	1	22,934	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	46	4,263	SH	SOLE	1	4,263	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	287	37,740	SH	SOLE	1	37,740	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	375,499	6,484,182	SH	SOLE	1	6,484,182	0	0
MAXIMUS INC	COM	577933104	12,481	161,550	SH	SOLE	1	161,550	0	0
MAXLINEAR INC	COM	57776J100	1,081	48,295	SH	SOLE	1	48,295	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	53	3,982	SH	SOLE	1	3,982	0	0
MBIA INC	COM	55262C100	464	50,303	SH	SOLE	1	50,303	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	7,542	48,251	SH	SOLE	1	48,251	0	0
MCDERMOTT INTL INC	COM	580037703	272	134,587	SH	SOLE	1	134,587	0	0
MCDONALD S CORP	COM	580135101	55,293	257,524	SH	SOLE	1	257,524	0	0
MCGRATH RENTCORP	COM	580589109	1,064	15,289	SH	SOLE	1	15,289	0	0
MCKESSON CORP	COM	58155Q103	10,347	75,716	SH	SOLE	1	75,716	0	0
MDC HOLDINGS INC	COM	552676108	1,586	36,797	SH	SOLE	1	36,797	0	0
MDC PARTNERS INC A	COM	552697104	101	35,723	SH	SOLE	1	35,723	0	0
MDU RESOURCES GROUP INC	COM	552690109	10,764	381,824	SH	SOLE	1	381,824	0	0
MEDALLIA INC	COM	584021109	10	356	SH	SOLE	1	356	0	0
MEDALLION FINANCIAL CORP	COM	583928106	83	13,030	SH	SOLE	1	13,030	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	16,745	856,090	SH	SOLE	1	856,090	0	0
MEDICINES COMPANY	COM	584688105	2,792	55,834	SH	SOLE	1	55,834	0	0
MEDICINOVA INC	COM	58468P206	207	25,995	SH	SOLE	1	25,995	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	10,971	119,901	SH	SOLE	1	119,901	0	0
MEDIFAST INC	COM	58470H101	878	8,471	SH	SOLE	1	8,471	0	0
MEDNAX INC	COM	58502B106	3,653	161,510	SH	SOLE	1	161,510	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,716	20,414	SH	SOLE	1	20,414	0	0
MEDTRONIC PLC	COM	G5960L103	51,174	471,131	SH	SOLE	1	471,131	0	0
MEET GROUP INC/THE	COM	58513U101	152	46,409	SH	SOLE	1	46,409	0	0
MEI PHARMA INC	COM	55279B202	72	43,032	SH	SOLE	1	43,032	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	172	10,811	SH	SOLE	1	10,811	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	434	22,380	SH	SOLE	1	22,380	0	0
MENLO THERAPEUTICS INC	COM	586858102	44	9,780	SH	SOLE	1	9,780	0	0
MERCADOLIBRE INC	COM	58733R102	1,675	3,038	SH	SOLE	1	3,038	0	0
MERCANTILE BANK CORP	COM	587376104	332	10,131	SH	SOLE	1	10,131	0	0
MERCER INTERNATIONAL INC	COM	588056101	55	4,403	SH	SOLE	1	4,403	0	0

MERCHANTS BANCORP/IN	COM	58844R108	90	5,443 SH	SOLE	1	5,443	0	0
MERCK & CO. INC.	COM	58933Y105	68,108	809,073 SH	SOLE	1	809,073	0	0
MERCURY GENERAL CORP	COM	589400100	2,908	52,037 SH	SOLE	1	52,037	0	0
MERCURY SYSTEMS INC	COM	589378108	3,276	40,363 SH	SOLE	1	40,363	0	0
MEREDITH CORP	COM	589433101	3,716	101,357 SH	SOLE	1	101,357	0	0
MERIDIAN BANCORP INC	COM	58958U103	568	30,296 SH	SOLE	1	30,296	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	297	31,291 SH	SOLE	1	31,291	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,215	39,904 SH	SOLE	1	39,904	0	0
MERITAGE HOMES CORP	COM	59001A102	1,888	26,837 SH	SOLE	1	26,837	0	0
MERITOR INC	COM	59001K100	927	50,111 SH	SOLE	1	50,111	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	36	22,677 SH	SOLE	1	22,677	0	0
MESA AIR GROUP INC	COM	590479135	89	13,139 SH	SOLE	1	13,139	0	0
MESA LABORATORIES INC	COM	59064R109	681	2,865 SH	SOLE	1	2,865	0	0
META FINANCIAL GROUP INC	COM	59100U108	852	26,130 SH	SOLE	1	26,130	0	0
METHODE ELECTRONICS INC	COM	591520200	914	27,158 SH	SOLE	1	27,158	0	0
METLIFE INC	COM	59156R108	12,286	260,526 SH	SOLE	1	260,526	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	174	4,430 SH	SOLE	1	4,430	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	6,575	9,334 SH	SOLE	1	9,334	0	0
MFA FINANCIAL INC	COM	55272X102	54	7,270 SH	SOLE	1	7,270	0	0
MGE ENERGY INC	COM	55277P104	1,760	22,042 SH	SOLE	1	22,042	0	0
MGIC INVESTMENT CORP	COM	552848103	1,812	144,032 SH	SOLE	1	144,032	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	4,967	179,200 SH	SOLE	1	179,200	0	0
MGP INGREDIENTS INC	COM	55303J106	480	9,656 SH	SOLE	1	9,656	0	0
MICHAELS COS INC/THE	COM	59408Q106	615	62,838 SH	SOLE	1	62,838	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	9,406	101,241 SH	SOLE	1	101,241	0	0
MICRON TECHNOLOGY INC	COM	595112103	20,847	486,510 SH	SOLE	1	486,510	0	0
MICROSOFT CORP	COM	594918104	429,065	3,086,132 SH	SOLE	1	3,086,132	0	0
MICROSTRATEGY INC CL A	CL A	594972408	909	6,127 SH	SOLE	1	6,127	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,998	38,446 SH	SOLE	1	38,446	0	0
MID PENN BANCORP INC	COM	59540G107	112	4,353 SH	SOLE	1	4,353	0	0
MIDDLEBY CORP	COM	596278101	158	1,354 SH	SOLE	1	1,354	0	0
MIDDLESEX WATER CO	COM	596680108	658	10,125 SH	SOLE	1	10,125	0	0
MIDLAND STATES BANCORP INC	COM	597742105	361	13,851 SH	SOLE	1	13,851	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	229	7,495 SH	SOLE	1	7,495	0	0
MILACRON HOLDINGS CORP	COM	59870L106	723	43,343 SH	SOLE	1	43,343	0	0
MILLENDO THERAPEUTICS INC	COM	60040X103	42	5,930 SH	SOLE	1	5,930	0	0

MILLER INDUSTRIES INC/TENN	COM	600551204	232	6,977 SH	SOLE	1	6,977	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,722	88,943 SH	SOLE	1	88,943	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	145	18,672 SH	SOLE	1	18,672	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,340	17,200 SH	SOLE	1	17,200	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	17	1,699 SH	SOLE	1	1,699	0	0
MISONIX INC	COM	604871103	93	4,645 SH	SOLE	1	4,645	0	0
MISTRAS GROUP INC	COM	60649T107	186	11,366 SH	SOLE	1	11,366	0	0
MITEK SYSTEMS INC	COM	606710200	225	23,296 SH	SOLE	1	23,296	0	0
MKS INSTRUMENTS INC	COM	55306N104	9,644	104,513 SH	SOLE	1	104,513	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	93	3,100 SH	SOLE	1	3,100	0	0
MOBILE MINI INC	COM	60740F105	1,222	33,165 SH	SOLE	1	33,165	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	53	6,595 SH	SOLE	1	6,595	0	0
MOBILEIRON INC	COM	60739U204	395	60,393 SH	SOLE	1	60,393	0	0
MODEL N INC	COM	607525102	569	20,500 SH	SOLE	1	20,500	0	0
MODERNA INC	COM	60770K107	77	4,818 SH	SOLE	1	4,818	0	0
MODINE MANUFACTURING CO	COM	607828100	356	31,274 SH	SOLE	1	31,274	0	0
MOELIS & CO CLASS A	COM	60786M105	985	29,987 SH	SOLE	1	29,987	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,551	20,565 SH	SOLE	1	20,565	0	0
MOLECULAR TEMPLATES INC	COM	608550109	71	10,751 SH	SOLE	1	10,751	0	0
MOLINA HEALTHCARE INC	COM	60855R100	13,693	124,795 SH	SOLE	1	124,795	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,698	64,305 SH	SOLE	1	64,305	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	947	73,072 SH	SOLE	1	73,072	0	0
MOMO INC SPON ADR	ADR	60879B107	55	1,780 SH	SOLE	1	1,780	0	0
MONARCH CASINO & RESORT INC	COM	609027107	353	8,469 SH	SOLE	1	8,469	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,988	560,166 SH	SOLE	1	560,166	0	0
MONGODB INC	COM	60937P106	123	1,020 SH	SOLE	1	1,020	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	841	58,357 SH	SOLE	1	58,357	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	12,064	77,520 SH	SOLE	1	77,520	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	596	30,089 SH	SOLE	1	30,089	0	0
MONRO INC	COM	610236101	1,918	24,272 SH	SOLE	1	24,272	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,128	174,436 SH	SOLE	1	174,436	0	0
MONTAGE RESOURCES CORP	COM	61179L100	51	13,509 SH	SOLE	1	13,509	0	0
MOODY S CORP	COM	615369105	13,328	65,068 SH	SOLE	1	65,068	0	0
MOOG INC CLASS A	COM	615394202	1,937	23,880 SH	SOLE	1	23,880	0	0
MORGAN STANLEY	COM	617446448	17,543	411,126 SH	SOLE	1	411,126	0	0
MORNINGSTAR INC	COM	617700109	70	480 SH	SOLE	1	480	0	0

MORPHIC HOLDING INC	COM	61775R105	57	3,121	SH	SOLE	1	3,121	0	0
MOSAIC CO/THE	COM	61945C103	2,852	139,104	SH	SOLE	1	139,104	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	235	13,883	SH	SOLE	1	13,883	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	10,136	59,481	SH	SOLE	1	59,481	0	0
MOVADO GROUP INC	COM	624580106	292	11,744	SH	SOLE	1	11,744	0	0
MR COOPER GROUP INC	COM	62482R107	510	48,063	SH	SOLE	1	48,063	0	0
MRC GLOBAL INC	COM	55345K103	609	50,218	SH	SOLE	1	50,218	0	0
MSA SAFETY INC	COM	553498106	9,826	90,054	SH	SOLE	1	90,054	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,261	86,319	SH	SOLE	1	86,319	0	0
MSCI INC	COM	55354G100	7,198	33,057	SH	SOLE	1	33,057	0	0
MSG NETWORKS INC A	COM	553573106	599	36,956	SH	SOLE	1	36,956	0	0
MTS SYSTEMS CORP	COM	553777103	736	13,319	SH	SOLE	1	13,319	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,183	41,262	SH	SOLE	1	41,262	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,114	99,124	SH	SOLE	1	99,124	0	0
MURPHY OIL CORP	COM	626717102	6,538	295,692	SH	SOLE	1	295,692	0	0
MURPHY USA INC	COM	626755102	6,518	76,418	SH	SOLE	1	76,418	0	0
MUSTANG BIO INC	COM	62818Q104	57	17,578	SH	SOLE	1	17,578	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	117	3,698	SH	SOLE	1	3,698	0	0
MVB FINANCIAL CORP	COM	553810102	118	5,958	SH	SOLE	1	5,958	0	0
MYERS INDUSTRIES INC	COM	628464109	464	26,303	SH	SOLE	1	26,303	0	0
MYLAN NV	COM	N59465109	4,128	208,716	SH	SOLE	1	208,716	0	0
MYOKARDIA INC	COM	62857M105	1,463	28,056	SH	SOLE	1	28,056	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	375	11,997	SH	SOLE	1	11,997	0	0
MYRIAD GENETICS INC	COM	62855J104	1,501	52,418	SH	SOLE	1	52,418	0	0
N B T BANCORP INC	COM	628778102	1,163	31,775	SH	SOLE	1	31,775	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	486	259,861	SH	SOLE	1	259,861	0	0
NACCO INDUSTRIES CL A	CL A	629579103	149	2,328	SH	SOLE	1	2,328	0	0
NANOMETRICS INC	COM	630077105	569	17,437	SH	SOLE	1	17,437	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	456	21,108	SH	SOLE	1	21,108	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	186	7,304	SH	SOLE	1	7,304	0	0
NASDAQ INC	COM	631103108	7,667	77,167	SH	SOLE	1	77,167	0	0
NATERA INC	COM	632307104	1,159	35,334	SH	SOLE	1	35,334	0	0
NATHAN S FAMOUS INC	COM	632347100	133	1,850	SH	SOLE	1	1,850	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	754	22,053	SH	SOLE	1	22,053	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	160	3,990	SH	SOLE	1	3,990	0	0
NATIONAL BEVERAGE CORP	COM	635017106	388	8,740	SH	SOLE	1	8,740	0	0
NATIONAL CINEMEDIA INC	COM	635309107	323	39,346	SH	SOLE	1	39,346	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	100	14,980	SH	SOLE	1	14,980	0	0

NATIONAL FUEL GAS CO	COM	636180101	7,766	165,508	SH	SOLE	1	165,508	0	0
NATIONAL GENERAL HLDGS	COM	636220303	985	42,803	SH	SOLE	1	42,803	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	632	7,718	SH	SOLE	1	7,718	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,571	227,944	SH	SOLE	1	227,944	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	3,300	155,681	SH	SOLE	1	155,681	0	0
NATIONAL PRESTO INDS INC	COM	637215104	329	3,696	SH	SOLE	1	3,696	0	0
NATIONAL RESEARCH CORP	COM	637372202	439	7,596	SH	SOLE	1	7,596	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	18,561	329,104	SH	SOLE	1	329,104	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,468	44,000	SH	SOLE	1	44,000	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,191	49,478	SH	SOLE	1	49,478	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	387	1,442	SH	SOLE	1	1,442	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	2,178	26,439	SH	SOLE	1	26,439	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	102	7,940	SH	SOLE	1	7,940	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	57	5,723	SH	SOLE	1	5,723	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	46	5,523	SH	SOLE	1	5,523	0	0
NATUS MEDICAL INC	COM	639050103	798	25,051	SH	SOLE	1	25,051	0	0
NAVIENT CORP	COM	63938C108	4,981	389,106	SH	SOLE	1	389,106	0	0
NAVIGANT CONSULTING INC	COM	63935N107	790	28,253	SH	SOLE	1	28,253	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	880	31,314	SH	SOLE	1	31,314	0	0
NCR CORPORATION	COM	62886E108	7,320	231,948	SH	SOLE	1	231,948	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	15	7,254	SH	SOLE	1	7,254	0	0
NEENAH INC	COM	640079109	809	12,425	SH	SOLE	1	12,425	0	0
NEKTAR THERAPEUTICS	COM	640268108	1,373	75,371	SH	SOLE	1	75,371	0	0
NELNET INC CL A	CL A	64031N108	719	11,303	SH	SOLE	1	11,303	0	0
NEOGEN CORP	COM	640491106	2,597	38,136	SH	SOLE	1	38,136	0	0
NEOGENOMICS INC	COM	64049M209	1,369	71,626	SH	SOLE	1	71,626	0	0
NEON THERAPEUTICS INC	COM	64050Y100	15	8,929	SH	SOLE	1	8,929	0	0
NEOPHOTONICS CORP	COM	64051T100	149	24,430	SH	SOLE	1	24,430	0	0
NETAPP INC	COM	64110D104	359,752	6,851,113	SH	SOLE	1	6,851,113	0	0
NETEASE INC ADR	ADR	64110W102	1,448	5,439	SH	SOLE	1	5,439	0	0
NETFLIX INC	COM	64110L106	49,018	183,161	SH	SOLE	1	183,161	0	0
NETGEAR INC	COM	64111Q104	736	22,838	SH	SOLE	1	22,838	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	3,988	172,960	SH	SOLE	1	172,960	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	199	2,209	SH	SOLE	1	2,209	0	0
NEURONETICS INC	COM	64131A105	69	8,277	SH	SOLE	1	8,277	0	0
NEVRO CORP	COM	64157F103	1,624	18,887	SH	SOLE	1	18,887	0	0

NEW AGE BEVERAGES CORP	COM	64157V108	131	47,360	SH	SOLE	1	47,360	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,276	227,237	SH	SOLE	1	227,237	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	392	44,508	SH	SOLE	1	44,508	0	0
NEW ORIENTAL EDUCATIO SP ADR	ADR	647581107	222	2,001	SH	SOLE	1	2,001	0	0
NEW RELIC INC	COM	64829B100	74	1,211	SH	SOLE	1	1,211	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	105	6,721	SH	SOLE	1	6,721	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	353	52,874	SH	SOLE	1	52,874	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	11,249	896,331	SH	SOLE	1	896,331	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,077	176,863	SH	SOLE	1	176,863	0	0
NEW YORK TIMES CO A	COM	650111107	7,868	276,268	SH	SOLE	1	276,268	0	0
NEWELL BRANDS INC	COM	651229106	2,408	128,632	SH	SOLE	1	128,632	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	822	90,687	SH	SOLE	1	90,687	0	0
NEWMARKET CORP	COM	651587107	6,708	14,209	SH	SOLE	1	14,209	0	0
NEWMONT GOLDCORP CORP	COM	651639106	10,679	281,614	SH	SOLE	1	281,614	0	0
NEWPARK RESOURCES INC	COM	651718504	504	66,085	SH	SOLE	1	66,085	0	0
NEWS CORP CLASS A	COM	65249B109	1,844	132,452	SH	SOLE	1	132,452	0	0
NEWS CORP CLASS B	COM	65249B208	598	41,822	SH	SOLE	1	41,822	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	559	11,951	SH	SOLE	1	11,951	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	103	1,010	SH	SOLE	1	1,010	0	0
NEXTCURE INC	COM	65343E108	58	1,890	SH	SOLE	1	1,890	0	0
NEXTDECADE CORP	COM	65342K105	42	7,218	SH	SOLE	1	7,218	0	0
NEXTERA ENERGY INC	COM	65339F101	35,984	154,445	SH	SOLE	1	154,445	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	624	39,853	SH	SOLE	1	39,853	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	60	4,315	SH	SOLE	1	4,315	0	0
NI HOLDINGS INC	COM	65342T106	103	6,025	SH	SOLE	1	6,025	0	0
NIC INC	COM	62914B100	1,010	48,889	SH	SOLE	1	48,889	0	0
NICOLET BANKSHARES INC	COM	65406E102	344	5,174	SH	SOLE	1	5,174	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	15,951	750,656	SH	SOLE	1	750,656	0	0
NIKE INC CL B	COM	654106103	37,805	402,521	SH	SOLE	1	402,521	0	0
NINE ENERGY SERVICE INC	COM	65441V101	62	10,036	SH	SOLE	1	10,036	0	0
NIO INC ADR	ADR	62914V106	12	7,500	SH	SOLE	1	7,500	0	0
NISOURCE INC	COM	65473P105	4,181	139,742	SH	SOLE	1	139,742	0	0
NL INDUSTRIES	COM	629156407	20	5,282	SH	SOLE	1	5,282	0	0
NLIGHT INC	COM	65487K100	327	20,868	SH	SOLE	1	20,868	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,276	48,587	SH	SOLE	1	48,587	0	0
NN INC	COM	629337106	189	26,491	SH	SOLE	1	26,491	0	0

NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	9	300 SH	SOLE	1	300	0	0
NOBLE CORP PLC	COM	G65431101	234	184,084 SH	SOLE	1	184,084	0	0
NOBLE ENERGY INC	COM	655044105	4,589	204,335 SH	SOLE	1	204,335	0	0
NOODLES & CO	COM	65540B105	102	18,029 SH	SOLE	1	18,029	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	190	87,981 SH	SOLE	1	87,981	0	0
NORDSON CORP	COM	655663102	14,433	98,683 SH	SOLE	1	98,683	0	0
NORDSTROM INC	COM	655664100	2,129	63,236 SH	SOLE	1	63,236	0	0
NORFOLK SOUTHERN CORP	COM	655844108	17,290	96,239 SH	SOLE	1	96,239	0	0
NORTHEAST BANK	COM	66405S100	105	4,732 SH	SOLE	1	4,732	0	0
NORTHERN OIL AND GAS INC	COM	665531109	361	183,947 SH	SOLE	1	183,947	0	0
NORTHERN TRUST CORP	COM	665859104	8,206	87,931 SH	SOLE	1	87,931	0	0
NORTHFIELD BANCORP INC	COM	66611T108	519	32,335 SH	SOLE	1	32,335	0	0
NORTHRIM BANCORP INC	COM	666762109	165	4,157 SH	SOLE	1	4,157	0	0
NORTHROP GRUMMAN CORP	COM	666807102	19,302	51,502 SH	SOLE	1	51,502	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,220	74,413 SH	SOLE	1	74,413	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,602	22,455 SH	SOLE	1	22,455	0	0
NORTHWEST PIPE CO	COM	667746101	170	6,043 SH	SOLE	1	6,043	0	0
NORTHWESTERN CORP	COM	668074305	9,602	127,941 SH	SOLE	1	127,941	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	3,852	74,405 SH	SOLE	1	74,405	0	0
NORWOOD FINANCIAL CORP	COM	669549107	115	3,645 SH	SOLE	1	3,645	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	887	146,165 SH	SOLE	1	146,165	0	0
NOVANTA INC	COM	67000B104	1,738	21,268 SH	SOLE	1	21,268	0	0
NOVAVAX INC	COM	670002401	76	15,103 SH	SOLE	1	15,103	0	0
NOVOCURE LTD	COM	G6674U108	4,102	54,857 SH	SOLE	1	54,857	0	0
NOW INC	COM	67011P100	3,158	275,345 SH	SOLE	1	275,345	0	0
NRC GROUP HOLDINGS CORP	COM	629375106	82	6,609 SH	SOLE	1	6,609	0	0
NRG ENERGY INC	COM	629377508	4,855	122,598 SH	SOLE	1	122,598	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,531	106,548 SH	SOLE	1	106,548	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	76	4,635 SH	SOLE	1	4,635	0	0
NUCOR CORP	COM	670346105	9,623	189,027 SH	SOLE	1	189,027	0	0
NUTANIX INC A	COM	67059N108	90	3,421 SH	SOLE	1	3,421	0	0
NUVASIVE INC	COM	670704105	8,353	131,793 SH	SOLE	1	131,793	0	0
NV5 GLOBAL INC	COM	62945V109	446	6,539 SH	SOLE	1	6,539	0	0
NVE CORP	COM	629445206	200	3,014 SH	SOLE	1	3,014	0	0
NVENT ELECTRIC PLC	COM	G6700G107	6,577	298,400 SH	SOLE	1	298,400	0	0
NVIDIA CORP	COM	67066G104	43,949	252,480 SH	SOLE	1	252,480	0	0
NVR INC	COM	62944T105	4,390	1,181 SH	SOLE	1	1,181	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	6,538	59,920 SH	SOLE	1	59,920	0	0

O REILLY AUTOMOTIVE INC	COM	67103H107	13,433	33,709	SH	SOLE	1	33,709	0	0
OAK VALLEY BANCORP	COM	671807105	72	4,321	SH	SOLE	1	4,321	0	0
OASIS PETROLEUM INC	COM	674215108	2,604	752,702	SH	SOLE	1	752,702	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	16,705	375,642	SH	SOLE	1	375,642	0	0
OCEANEERING INTL INC	COM	675232102	3,398	250,746	SH	SOLE	1	250,746	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	753	31,917	SH	SOLE	1	31,917	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	80	26,181	SH	SOLE	1	26,181	0	0
OCWEN FINANCIAL CORP	COM	675746309	160	85,047	SH	SOLE	1	85,047	0	0
ODONATE THERAPEUTICS INC	COM	676079106	193	7,404	SH	SOLE	1	7,404	0	0
OFFICE DEPOT INC	COM	676220106	925	527,057	SH	SOLE	1	527,057	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	1,085	35,422	SH	SOLE	1	35,422	0	0
OFG BANCORP	COM	67103X102	1,877	85,719	SH	SOLE	1	85,719	0	0
OGE ENERGY CORP	COM	670837103	17,426	384,001	SH	SOLE	1	384,001	0	0
OHIO VALLEY BANC CORP	COM	677719106	95	2,615	SH	SOLE	1	2,615	0	0
OIL DRI CORP OF AMERICA	COM	677864100	111	3,273	SH	SOLE	1	3,273	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	592	44,489	SH	SOLE	1	44,489	0	0
OKTA INC	COM	679295105	246	2,496	SH	SOLE	1	2,496	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	20,910	123,023	SH	SOLE	1	123,023	0	0
OLD LINE BANCSHARES INC	COM	67984M100	279	9,627	SH	SOLE	1	9,627	0	0
OLD NATIONAL BANCORP	COM	680033107	2,187	127,108	SH	SOLE	1	127,108	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,886	546,694	SH	SOLE	1	546,694	0	0
OLD SECOND BANCORP INC	COM	680277100	224	18,315	SH	SOLE	1	18,315	0	0
OLIN CORP	COM	680665205	5,900	315,184	SH	SOLE	1	315,184	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,175	105,308	SH	SOLE	1	105,308	0	0
OLYMPIC STEEL INC	COM	68162K106	98	6,819	SH	SOLE	1	6,819	0	0
OMEGA FLEX INC	COM	682095104	187	1,831	SH	SOLE	1	1,831	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	17,359	415,377	SH	SOLE	1	415,377	0	0
OMEROS CORP	COM	682143102	480	29,394	SH	SOLE	1	29,394	0	0
OMNICELL INC	COM	68213N109	2,222	30,746	SH	SOLE	1	30,746	0	0
OMNICOM GROUP	COM	681919106	377,850	4,825,669	SH	SOLE	1	4,825,669	0	0
OMNOVA SOLUTIONS INC	COM	682129101	279	27,667	SH	SOLE	1	27,667	0	0
ON DECK CAPITAL INC	COM	682163100	141	41,981	SH	SOLE	1	41,981	0	0
ON SEMICONDUCTOR CORP	COM	682189105	127	6,608	SH	SOLE	1	6,608	0	0
ONCOCYTE CORP	COM	68235C107	29	13,574	SH	SOLE	1	13,574	0	0
ONE GAS INC	COM	68235P108	12,812	133,310	SH	SOLE	1	133,310	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	270	9,821	SH	SOLE	1	9,821	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	39	1,056	SH	SOLE	1	1,056	0	0

ONEOK INC	COM	682680103	13,369	181,424	SH	SOLE	1	181,424	0	0
ONESPAN INC	COM	68287N100	352	24,278	SH	SOLE	1	24,278	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	445	28,679	SH	SOLE	1	28,679	0	0
OOMA INC	COM	683416101	127	12,251	SH	SOLE	1	12,251	0	0
OP BANCORP	COM	67109R109	81	8,287	SH	SOLE	1	8,287	0	0
OPKO HEALTH INC	COM	68375N103	471	225,197	SH	SOLE	1	225,197	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	181	6,027	SH	SOLE	1	6,027	0	0
OPTIMIZERX CORP	COM	68401U204	126	8,713	SH	SOLE	1	8,713	0	0
OPTINOSE INC	COM	68404V100	110	15,737	SH	SOLE	1	15,737	0	0
OPTION CARE HEALTH INC	COM	68404L102	249	77,786	SH	SOLE	1	77,786	0	0
OPUS BANK	COM	684000102	353	16,215	SH	SOLE	1	16,215	0	0
ORACLE CORP	COM	68389X105	42,580	773,764	SH	SOLE	1	773,764	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	341	45,627	SH	SOLE	1	45,627	0	0
ORBCOMM INC	COM	68555P100	224	46,987	SH	SOLE	1	46,987	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	230	39,990	SH	SOLE	1	39,990	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	44	6,653	SH	SOLE	1	6,653	0	0
ORIGIN BANCORP INC	COM	68621T102	407	12,065	SH	SOLE	1	12,065	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	636	38,058	SH	SOLE	1	38,058	0	0
ORITANI FINANCIAL CORP	COM	68633D103	515	29,110	SH	SOLE	1	29,110	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,862	25,063	SH	SOLE	1	25,063	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	142	6,468	SH	SOLE	1	6,468	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	716	13,504	SH	SOLE	1	13,504	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	199	5,639	SH	SOLE	1	5,639	0	0
OSHKOSH CORP	COM	688239201	9,945	131,198	SH	SOLE	1	131,198	0	0
OSI SYSTEMS INC	COM	671044105	1,257	12,377	SH	SOLE	1	12,377	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	19	5,044	SH	SOLE	1	5,044	0	0
OTTER TAIL CORP	COM	689648103	1,338	24,902	SH	SOLE	1	24,902	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,474	53,070	SH	SOLE	1	53,070	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	72	40,860	SH	SOLE	1	40,860	0	0
OVERSTOCK.COM INC	COM	690370101	180	16,978	SH	SOLE	1	16,978	0	0
OWENS & MINOR INC	COM	690732102	266	45,849	SH	SOLE	1	45,849	0	0
OWENS CORNING	COM	690742101	13,188	208,677	SH	SOLE	1	208,677	0	0
OWENS ILLINOIS INC	COM	690768403	3,063	298,209	SH	SOLE	1	298,209	0	0
OXFORD INDUSTRIES INC	COM	691497309	888	12,379	SH	SOLE	1	12,379	0	0
P G & E CORP	COM	69331C108	329	32,911	SH	SOLE	1	32,911	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	71	1,205	SH	SOLE	1	1,205	0	0
PACCAR INC	COM	693718108	11,427	163,220	SH	SOLE	1	163,220	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	464	89,880	SH	SOLE	1	89,880	0	0
PACIFIC DRILLING SA	COM	L7257P205	74	18,850	SH	SOLE	1	18,850	0	0

PACIFIC MERCANTILE BANCORP	COM	694552100	92	12,283	SH	SOLE	1	12,283	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,372	43,977	SH	SOLE	1	43,977	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,149	30,189	SH	SOLE	1	30,189	0	0
PACKAGING CORP OF AMERICA	COM	695156109	5,002	47,148	SH	SOLE	1	47,148	0	0
PACWEST BANCORP	COM	695263103	10,757	296,003	SH	SOLE	1	296,003	0	0
PAGERDUTY INC	COM	69553P100	7	245	SH	SOLE	1	245	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	116	127,791	SH	SOLE	1	127,791	0	0
PALO ALTO NETWORKS INC	COM	697435105	467	2,290	SH	SOLE	1	2,290	0	0
PALOMAR HOLDINGS INC	COM	69753M105	146	3,716	SH	SOLE	1	3,716	0	0
PAMPA ENERGIA SA SPON ADR	ADR	697660207	12	719	SH	SOLE	1	719	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	135	9,687	SH	SOLE	1	9,687	0	0
PAPA JOHN S INTL INC	COM	698813102	2,915	55,682	SH	SOLE	1	55,682	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	604	26,406	SH	SOLE	1	26,406	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	174	7,303	SH	SOLE	1	7,303	0	0
PARAMOUNT GROUP INC	COM	69924R108	44	3,262	SH	SOLE	1	3,262	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	87	20,212	SH	SOLE	1	20,212	0	0
PARETEUM CORP	COM	69946T207	88	67,830	SH	SOLE	1	67,830	0	0
PARK AEROSPACE CORP	COM	70014A104	245	13,935	SH	SOLE	1	13,935	0	0
PARK HOTELS & RESORTS INC	COM	700517105	11,485	459,935	SH	SOLE	1	459,935	0	0
PARK NATIONAL CORP	COM	700658107	794	8,379	SH	SOLE	1	8,379	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	164	5,498	SH	SOLE	1	5,498	0	0
PARKE BANCORP INC	COM	700885106	126	5,686	SH	SOLE	1	5,686	0	0
PARKER DRILLING CO POST BANK	COM	701081507	111	5,887	SH	SOLE	1	5,887	0	0
PARKER HANNIFIN CORP	COM	701094104	11,677	64,652	SH	SOLE	1	64,652	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	95	5,625	SH	SOLE	1	5,625	0	0
PARSONS CORP	COM	70202L102	400	12,135	SH	SOLE	1	12,135	0	0
PARTY CITY HOLDCO INC	COM	702149105	194	34,063	SH	SOLE	1	34,063	0	0
PATRICK INDUSTRIES INC	COM	703343103	717	16,711	SH	SOLE	1	16,711	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,502	55,780	SH	SOLE	1	55,780	0	0
PATTERSON COS INC	COM	703395103	3,856	216,374	SH	SOLE	1	216,374	0	0
PATTERSON UTI ENERGY INC	COM	703481101	3,323	388,616	SH	SOLE	1	388,616	0	0
PAYCHEX INC	COM	704326107	25,315	305,843	SH	SOLE	1	305,843	0	0
PAYCOM SOFTWARE INC	COM	70432V102	252	1,204	SH	SOLE	1	1,204	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	77	792	SH	SOLE	1	792	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	50,666	489,105	SH	SOLE	1	489,105	0	0
PAYSIGN INC	COM	70451A104	190	18,803	SH	SOLE	1	18,803	0	0

PBF ENERGY INC CLASS A	COM	69318G106	5,323	195,779	SH	SOLE	1	195,779	0	0
PC CONNECTION INC	COM	69318J100	276	7,107	SH	SOLE	1	7,107	0	0
PCB BANCORP	COM	69320M109	129	7,818	SH	SOLE	1	7,818	0	0
PCSB FINANCIAL CORP	COM	69324R104	204	10,228	SH	SOLE	1	10,228	0	0
PDC ENERGY INC	COM	69327R101	1,280	46,117	SH	SOLE	1	46,117	0	0
PDF SOLUTIONS INC	COM	693282105	273	20,917	SH	SOLE	1	20,917	0	0
PDL BIOPHARMA INC	COM	69329Y104	154	71,140	SH	SOLE	1	71,140	0	0
PDL COMMUNITY BANCORP	COM	69290X101	75	5,354	SH	SOLE	1	5,354	0	0
PEABODY ENERGY CORP	COM	704551100	637	43,275	SH	SOLE	1	43,275	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	335	11,941	SH	SOLE	1	11,941	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	9,198	330,627	SH	SOLE	1	330,627	0	0
PEGASYS INC	COM	705573103	63	931	SH	SOLE	1	931	0	0
PENN NATIONAL GAMING INC	COM	707569109	5,151	276,555	SH	SOLE	1	276,555	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	288	50,416	SH	SOLE	1	50,416	0	0
PENN VIRGINIA CORP	COM	70788V102	292	10,038	SH	SOLE	1	10,038	0	0
PENNS WOODS BANCORP INC	COM	708430103	134	2,888	SH	SOLE	1	2,888	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	479	15,774	SH	SOLE	1	15,774	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,431	64,366	SH	SOLE	1	64,366	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	27	564	SH	SOLE	1	564	0	0
PENTAIR PLC	COM	G7S00T104	2,182	57,715	SH	SOLE	1	57,715	0	0
PENUMBRA INC	COM	70975L107	8,292	61,655	SH	SOLE	1	61,655	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,141	136,937	SH	SOLE	1	136,937	0	0
PEOPLE S UTAH BANCORP	COM	712706209	280	9,900	SH	SOLE	1	9,900	0	0
PEOPLES BANCORP INC	COM	709789101	361	11,363	SH	SOLE	1	11,363	0	0
PEOPLES BANCORP OF NC	COM	710577107	86	2,907	SH	SOLE	1	2,907	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	197	4,352	SH	SOLE	1	4,352	0	0
PEPSICO INC	COM	713448108	88,243	643,642	SH	SOLE	1	643,642	0	0
PERFICIENT INC	COM	71375U101	926	23,993	SH	SOLE	1	23,993	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,991	65,009	SH	SOLE	1	65,009	0	0
PERKINELMER INC	COM	714046109	3,210	37,689	SH	SOLE	1	37,689	0	0
PERRIGO CO PLC	COM	G97822103	4,123	73,771	SH	SOLE	1	73,771	0	0
PERSONALIS INC	COM	71535D106	83	5,624	SH	SOLE	1	5,624	0	0
PERSPECTA INC	COM	715347100	9,187	351,717	SH	SOLE	1	351,717	0	0
PETIQ INC	COM	71639T106	334	12,251	SH	SOLE	1	12,251	0	0
PETMED EXPRESS INC	COM	716382106	263	14,593	SH	SOLE	1	14,593	0	0
PFENEX INC	COM	717071104	159	18,838	SH	SOLE	1	18,838	0	0
PFIZER INC	COM	717081103	361,391	10,058,194	SH	SOLE	1	10,058,194	0	0
PGT INNOVATIONS INC	COM	69336V101	730	42,280	SH	SOLE	1	42,280	0	0

PHASEBIO PHARMACEUTICALS INC	COM	717224109	36	8,664 SH	SOLE	1	8,664	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	322	15,109 SH	SOLE	1	15,109	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	350,381	4,614,526 SH	SOLE	1	4,614,526	0	0
PHILLIPS 66	COM	718546104	17,767	173,507 SH	SOLE	1	173,507	0	0
PHOTRONICS INC	COM	719405102	528	48,574 SH	SOLE	1	48,574	0	0
PHREESIA INC	COM	71944F106	157	6,464 SH	SOLE	1	6,464	0	0
PHUNWARE INC	COM	71948P100	29	20,234 SH	SOLE	1	20,234	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	2,082	117,282 SH	SOLE	1	117,282	0	0
PICO HOLDINGS INC	COM	693366205	117	11,552 SH	SOLE	1	11,552	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,651	79,092 SH	SOLE	1	79,092	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	100	29,225 SH	SOLE	1	29,225	0	0
PILGRIM S PRIDE CORP	COM	72147K108	3,224	100,604 SH	SOLE	1	100,604	0	0
PINDUODUO INC ADR	ADR	722304102	81	2,500 SH	SOLE	1	2,500	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	7,877	138,801 SH	SOLE	1	138,801	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,621	37,305 SH	SOLE	1	37,305	0	0
PIONEER BANCORP INC/NY	COM	723561106	87	6,974 SH	SOLE	1	6,974	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	8,697	69,148 SH	SOLE	1	69,148	0	0
PIPER JAFFRAY COS	COM	724078100	774	10,252 SH	SOLE	1	10,252	0	0
PITNEY BOWES INC	COM	724479100	580	127,002 SH	SOLE	1	127,002	0	0
PJT PARTNERS INC A	COM	69343T107	581	14,280 SH	SOLE	1	14,280	0	0
PLAINS GP HLDGS L P A	LTD PARTNR INT A	72651A207	19,186	903,730 SH	SOLE	2	903,730	0	0
PLANET FITNESS INC CL A	CL A	72703H101	120	2,070 SH	SOLE	1	2,070	0	0
PLANTRONICS INC	COM	727493108	3,092	82,839 SH	SOLE	1	82,839	0	0
PLAYAGS INC	COM	72814N104	173	16,801 SH	SOLE	1	16,801	0	0
PLEXUS CORP	COM	729132100	1,342	21,474 SH	SOLE	1	21,474	0	0
PLUG POWER INC	COM	72919P202	392	149,067 SH	SOLE	1	149,067	0	0
PLURALSIGHT INC A	COM	72941B106	26	1,521 SH	SOLE	1	1,521	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	26,855	191,606 SH	SOLE	1	191,606	0	0
PNM RESOURCES INC	COM	69349H107	10,506	201,730 SH	SOLE	1	201,730	0	0
POLARIS INC	COM	731068102	9,738	110,644 SH	SOLE	1	110,644	0	0
POLARITYTE INC	COM	731094108	30	9,257 SH	SOLE	1	9,257	0	0
POLYONE CORPORATION	COM	73179P106	6,356	194,683 SH	SOLE	1	194,683	0	0
POOL CORP	COM	73278L105	15,506	76,878 SH	SOLE	1	76,878	0	0
POPULAR INC	COM	733174700	83	1,543 SH	SOLE	1	1,543	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	3,197	56,709 SH	SOLE	1	56,709	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,266	47,186 SH	SOLE	1	47,186	0	0
POST HOLDINGS INC	COM	737446104	13,964	131,937 SH	SOLE	1	131,937	0	0
POTBELLY CORP	COM	73754Y100	58	13,312 SH	SOLE	1	13,312	0	0

POTLATCHDELTIC CORP	COM	737630103	6,967	169,576	SH	SOLE	1	169,576	0	0
POWELL INDUSTRIES INC	COM	739128106	258	6,598	SH	SOLE	1	6,598	0	0
POWER INTEGRATIONS INC	COM	739276103	1,909	21,112	SH	SOLE	1	21,112	0	0
PPG INDUSTRIES INC	COM	693506107	10,356	87,387	SH	SOLE	1	87,387	0	0
PPL CORP	COM	69351T106	9,445	299,944	SH	SOLE	1	299,944	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	381	23,920	SH	SOLE	1	23,920	0	0
PRA GROUP INC	COM	69354N106	1,129	33,420	SH	SOLE	1	33,420	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	12,003	120,964	SH	SOLE	1	120,964	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	49	5,787	SH	SOLE	1	5,787	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	405	28,050	SH	SOLE	1	28,050	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	545	10,396	SH	SOLE	1	10,396	0	0
PERFORMED LINE PRODUCTS CO	COM	740444104	106	1,939	SH	SOLE	1	1,939	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	141	8,233	SH	SOLE	1	8,233	0	0
PREMIER INC CLASS A	COM	74051N102	24	840	SH	SOLE	1	840	0	0
PRESIDIO INC	COM	74102M103	492	29,123	SH	SOLE	1	29,123	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,420	127,411	SH	SOLE	1	127,411	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	58	4,684	SH	SOLE	1	4,684	0	0
PRGX GLOBAL INC	COM	69357C503	68	13,160	SH	SOLE	1	13,160	0	0
PRICESMART INC	COM	741511109	1,183	16,642	SH	SOLE	1	16,642	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	37	324	SH	SOLE	1	324	0	0
PRIMERICA INC	COM	74164M108	10,253	80,587	SH	SOLE	1	80,587	0	0
PRIMO WATER CORP	COM	74165N105	272	22,125	SH	SOLE	1	22,125	0	0
PRIMORIS SERVICES CORP	COM	74164F103	549	27,984	SH	SOLE	1	27,984	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,557	97,252	SH	SOLE	1	97,252	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	239	8,457	SH	SOLE	1	8,457	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	20	4,138	SH	SOLE	1	4,138	0	0
PROASSURANCE CORP	COM	74267C106	1,594	39,572	SH	SOLE	1	39,572	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	578,189	4,648,572	SH	SOLE	1	4,648,572	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	326	64,402	SH	SOLE	1	64,402	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,256	33,000	SH	SOLE	1	33,000	0	0
PROGRESSIVE CORP	COM	743315103	17,182	222,416	SH	SOLE	1	222,416	0	0
PROLOGIS INC	COM	74340W103	20,920	245,479	SH	SOLE	1	245,479	0	0
PROOFPOINT INC	COM	743424103	173	1,342	SH	SOLE	1	1,342	0	0
PROPETRO HOLDING CORP	COM	74347M108	541	59,525	SH	SOLE	1	59,525	0	0
PROS HOLDINGS INC	COM	74346Y103	1,238	20,779	SH	SOLE	1	20,779	0	0
PROSIGHT GLOBAL INC	COM	74349J103	111	5,756	SH	SOLE	1	5,756	0	0
PROSPERITY BANCSHARES INC	COM	743606105	9,353	132,417	SH	SOLE	1	132,417	0	0

PROTAGONIST THERAPEUTICS INC	COM	74366E102	129	10,755	SH	SOLE	1	10,755	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	101	5,786	SH	SOLE	1	5,786	0	0
PROTHENA CORP PLC	COM	G72800108	199	25,386	SH	SOLE	1	25,386	0	0
PROTO LABS INC	COM	743713109	2,041	19,989	SH	SOLE	1	19,989	0	0
PROVIDENCE SERVICE CORP	COM	743815102	513	8,634	SH	SOLE	1	8,634	0	0
PROVIDENT BANCORP INC	COM	74383X109	65	2,693	SH	SOLE	1	2,693	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	77	3,699	SH	SOLE	1	3,699	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,120	45,660	SH	SOLE	1	45,660	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	94	5,524	SH	SOLE	1	5,524	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	15,701	174,552	SH	SOLE	1	174,552	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	9,230	50,730	SH	SOLE	1	50,730	0	0
PTC INC	COM	69370C100	13,617	199,719	SH	SOLE	1	199,719	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,223	36,163	SH	SOLE	1	36,163	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,782	173,682	SH	SOLE	1	173,682	0	0
PUBLIC STORAGE	COM	74460D109	13,056	53,231	SH	SOLE	1	53,231	0	0
PULSE BIOSCIENCES INC	COM	74587B101	110	7,101	SH	SOLE	1	7,101	0	0
PULTEGROUP INC	COM	745867101	3,235	88,504	SH	SOLE	1	88,504	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	209	19,424	SH	SOLE	1	19,424	0	0
PURE CYCLE CORP	COM	746228303	111	10,809	SH	SOLE	1	10,809	0	0
PURE STORAGE INC CLASS A	COM	74624M102	95	5,587	SH	SOLE	1	5,587	0	0
PURPLE INNOVATION INC	COM	74640Y106	18	2,361	SH	SOLE	1	2,361	0	0
PVH CORP	COM	693656100	2,803	31,768	SH	SOLE	1	31,768	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	70	5,327	SH	SOLE	1	5,327	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	99	11,152	SH	SOLE	1	11,152	0	0
Q2 HOLDINGS INC	COM	74736L109	2,151	27,274	SH	SOLE	1	27,274	0	0
QAD INC A	COM	74727D306	322	6,963	SH	SOLE	1	6,963	0	0
QCR HOLDINGS INC	COM	74727A104	354	9,318	SH	SOLE	1	9,318	0	0
QEP RESOURCES INC	COM	74733V100	656	177,266	SH	SOLE	1	177,266	0	0
QIAGEN N.V.	COM	N72482123	118	3,585	SH	SOLE	1	3,585	0	0
QORVO INC	COM	74736K101	3,000	40,459	SH	SOLE	1	40,459	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	1,777	34,567	SH	SOLE	1	34,567	0	0
QUAD GRAPHICS INC	COM	747301109	213	20,304	SH	SOLE	1	20,304	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,535	9,705	SH	SOLE	1	9,705	0	0
QUALCOMM INC	COM	747525103	39,440	517,045	SH	SOLE	1	517,045	0	0
QUALYS INC	COM	74758T303	1,903	25,187	SH	SOLE	1	25,187	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	443	24,484	SH	SOLE	1	24,484	0	0

QUANTA SERVICES INC	COM	74762E102	1,856	49,095	SH	SOLE	1	49,095	0	0
QUANTERIX CORP	COM	74766Q101	180	8,206	SH	SOLE	1	8,206	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,599	80,344	SH	SOLE	1	80,344	0	0
QUIDEL CORP	COM	74838J101	1,372	22,358	SH	SOLE	1	22,358	0	0
QUINSTREET INC	COM	74874Q100	424	33,650	SH	SOLE	1	33,650	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	371	47,379	SH	SOLE	1	47,379	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	64	6,209	SH	SOLE	1	6,209	0	0
R1 RCM INC	COM	749397105	585	65,544	SH	SOLE	1	65,544	0	0
RA PHARMACEUTICALS INC	COM	74933V108	520	21,975	SH	SOLE	1	21,975	0	0
RADIAN GROUP INC	COM	750236101	4,243	185,768	SH	SOLE	1	185,768	0	0
RADIANT LOGISTICS INC	COM	75025X100	128	24,682	SH	SOLE	1	24,682	0	0
RADIUS HEALTH INC	COM	750469207	733	28,456	SH	SOLE	1	28,456	0	0
RADNET INC	COM	750491102	381	26,534	SH	SOLE	1	26,534	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	140	6,656	SH	SOLE	1	6,656	0	0
RALPH LAUREN CORP	COM	751212101	13,011	136,287	SH	SOLE	1	136,287	0	0
RAMACO RESOURCES INC	COM	75134P303	19	5,166	SH	SOLE	1	5,166	0	0
RAMBUS INC	COM	750917106	1,076	81,967	SH	SOLE	1	81,967	0	0
RANGE RESOURCES CORP	COM	75281A109	100	26,305	SH	SOLE	1	26,305	0	0
RAPID7 INC	COM	753422104	1,397	30,783	SH	SOLE	1	30,783	0	0
RAVEN INDUSTRIES INC	COM	754212108	890	26,604	SH	SOLE	1	26,604	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	3,521	42,699	SH	SOLE	1	42,699	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	157	36,314	SH	SOLE	1	36,314	0	0
RAYONIER INC	COM	754907103	7,013	248,672	SH	SOLE	1	248,672	0	0
RAYTHEON COMPANY	COM	755111507	17,617	89,798	SH	SOLE	1	89,798	0	0
RBB BANCORP	COM	74930B105	202	10,251	SH	SOLE	1	10,251	0	0
RBC BEARINGS INC	COM	75524B104	2,541	15,318	SH	SOLE	1	15,318	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	118	5,710	SH	SOLE	1	5,710	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	426	13,245	SH	SOLE	1	13,245	0	0
READING INTERNATIONAL INC A	COM	755408101	127	10,580	SH	SOLE	1	10,580	0	0
READY CAPITAL CORP	COM	75574U101	314	19,697	SH	SOLE	1	19,697	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	564	84,435	SH	SOLE	1	84,435	0	0
REALPAGE INC	COM	75606N109	122	1,940	SH	SOLE	1	1,940	0	0
REALREAL INC/THE	COM	88339P101	247	11,036	SH	SOLE	1	11,036	0	0
REALTY INCOME CORP	COM	756109104	8,484	110,644	SH	SOLE	1	110,644	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,019	12,694	SH	SOLE	1	12,694	0	0
RECRO PHARMA INC	COM	75629F109	135	12,229	SH	SOLE	1	12,229	0	0
RED LION HOTELS CORP	COM	756764106	99	15,220	SH	SOLE	1	15,220	0	0
RED RIVER BANCSHARES INC	COM	75686R202	19	439	SH	SOLE	1	439	0	0

RED ROBIN GOURMET BURGERS	COM	75689M101	320	9,619	SH	SOLE	1	9,619	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	895	44,091	SH	SOLE	1	44,091	0	0
REDFIN CORP	COM	75737F108	939	55,751	SH	SOLE	1	55,751	0	0
REDWOOD TRUST INC	COM	758075402	1,199	73,050	SH	SOLE	1	73,050	0	0
REGAL BELOIT CORP	COM	758750103	5,860	80,443	SH	SOLE	1	80,443	0	0
REGENCY CENTERS CORP	COM	758849103	3,939	56,685	SH	SOLE	1	56,685	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	10,058	36,259	SH	SOLE	1	36,259	0	0
REGENXBIO INC	COM	75901B107	873	24,520	SH	SOLE	1	24,520	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	159	5,631	SH	SOLE	1	5,631	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	7,090	448,154	SH	SOLE	1	448,154	0	0
REGIS CORP	COM	758932107	419	20,701	SH	SOLE	1	20,701	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	19,248	120,393	SH	SOLE	1	120,393	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	12,741	127,842	SH	SOLE	1	127,842	0	0
RELIANT BANCORP INC	COM	75956B101	155	6,447	SH	SOLE	1	6,447	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	16,413	84,846	SH	SOLE	1	84,846	0	0
RENASANT CORP	COM	75970E107	1,260	36,000	SH	SOLE	1	36,000	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	413	27,526	SH	SOLE	1	27,526	0	0
RENT A CENTER INC	COM	76009N100	932	36,132	SH	SOLE	1	36,132	0	0
REPLIGEN CORP	COM	759916109	9,271	120,892	SH	SOLE	1	120,892	0	0
REPLIMUNE GROUP INC	COM	76029N106	102	7,325	SH	SOLE	1	7,325	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	266	6,121	SH	SOLE	1	6,121	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	116	27,579	SH	SOLE	1	27,579	0	0
REPUBLIC SERVICES INC	COM	760759100	7,415	85,669	SH	SOLE	1	85,669	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	3,380	235,536	SH	SOLE	1	235,536	0	0
RESMED INC	COM	761152107	7,077	52,380	SH	SOLE	1	52,380	0	0
RESOURCES CONNECTION INC	COM	76122Q105	384	22,602	SH	SOLE	1	22,602	0	0
RESTORBIO INC	COM	76133L103	86	9,702	SH	SOLE	1	9,702	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,526	83,695	SH	SOLE	1	83,695	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	43	3,450	SH	SOLE	1	3,450	0	0
RETAIL VALUE INC	COM	76133Q102	349	9,420	SH	SOLE	1	9,420	0	0
RETROPHIN INC	COM	761299106	303	26,147	SH	SOLE	1	26,147	0	0
REV GROUP INC	COM	749527107	196	17,151	SH	SOLE	1	17,151	0	0
REVANCE THERAPEUTICS INC	COM	761330109	361	27,806	SH	SOLE	1	27,806	0	0
REVLON INC CLASS A	COM	761525609	102	4,360	SH	SOLE	1	4,360	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	317	4,156	SH	SOLE	1	4,156	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	3,046	69,197	SH	SOLE	1	69,197	0	0
REXNORD CORP	COM	76169B102	1,799	66,497	SH	SOLE	1	66,497	0	0

RGC RESOURCES INC	COM	74955L103	139	4,748	SH	SOLE	1	4,748	0	0
RH	COM	74967X103	2,085	12,206	SH	SOLE	1	12,206	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	313	14,507	SH	SOLE	1	14,507	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	220	37,684	SH	SOLE	1	37,684	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	116	8,298	SH	SOLE	1	8,298	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	199	106,220	SH	SOLE	1	106,220	0	0
RIGNET INC	COM	766582100	71	9,171	SH	SOLE	1	9,171	0	0
RIMINI STREET INC	COM	76674Q107	56	12,691	SH	SOLE	1	12,691	0	0
RING ENERGY INC	COM	76680V108	73	44,590	SH	SOLE	1	44,590	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	219	1,742	SH	SOLE	1	1,742	0	0
RITE AID CORP	COM	767754872	238	34,219	SH	SOLE	1	34,219	0	0
RIVERVIEW BANCORP INC	COM	769397100	99	13,428	SH	SOLE	1	13,428	0	0
RLI CORP	COM	749607107	2,751	29,611	SH	SOLE	1	29,611	0	0
RLJ LODGING TRUST	COM	74965L101	1,848	108,759	SH	SOLE	1	108,759	0	0
RMR GROUP INC/THE A	COM	74967R106	435	9,573	SH	SOLE	1	9,573	0	0
ROADRUNNER TRANSPORTATION SY	COM	76973Q204	23	2,253	SH	SOLE	1	2,253	0	0
ROAN RESOURCES INC	COM	769755109	28	22,527	SH	SOLE	1	22,527	0	0
ROBERT HALF INTL INC	COM	770323103	2,265	40,699	SH	SOLE	1	40,699	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	219	18,778	SH	SOLE	1	18,778	0	0
ROCKWELL AUTOMATION INC	COM	773903109	8,679	52,664	SH	SOLE	1	52,664	0	0
ROCKWELL MEDICAL INC	COM	774374102	108	39,056	SH	SOLE	1	39,056	0	0
ROCKY BRANDS INC	COM	774515100	145	4,378	SH	SOLE	1	4,378	0	0
ROGERS CORP	COM	775133101	1,877	13,727	SH	SOLE	1	13,727	0	0
ROKU INC	COM	77543R102	212	2,083	SH	SOLE	1	2,083	0	0
ROLLINS INC	COM	775711104	1,634	47,961	SH	SOLE	1	47,961	0	0
ROPER TECHNOLOGIES INC	COM	776696106	15,590	43,719	SH	SOLE	1	43,719	0	0
ROSEHILL RESOURCES INC	COM	777385105	13	6,664	SH	SOLE	1	6,664	0	0
ROSETTA STONE INC	COM	777780107	226	12,976	SH	SOLE	1	12,976	0	0
ROSS STORES INC	COM	778296103	16,765	152,614	SH	SOLE	1	152,614	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	6,394	59,024	SH	SOLE	1	59,024	0	0
ROYAL GOLD INC	COM	780287108	15,516	125,933	SH	SOLE	1	125,933	0	0
RPC INC	COM	749660106	238	42,340	SH	SOLE	1	42,340	0	0
RPM INTERNATIONAL INC	COM	749685103	17,127	248,905	SH	SOLE	1	248,905	0	0
RPT REALTY	COM	74971D101	788	58,162	SH	SOLE	1	58,162	0	0
RR DONNELLEY & SONS CO	COM	257867200	197	52,382	SH	SOLE	1	52,382	0	0
RTI SURGICAL HDS INC	COM	74975N105	102	35,869	SH	SOLE	1	35,869	0	0
RTW RETAILWINDS INC	COM	74980D100	26	19,157	SH	SOLE	1	19,157	0	0
RUBICON PROJECT INC/THE	COM	78112V102	270	30,974	SH	SOLE	1	30,974	0	0

RUBIUS THERAPEUTICS INC	COM	78116T103	173	22,065	SH	SOLE	1	22,065	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	600	22,761	SH	SOLE	1	22,761	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	115	2,876	SH	SOLE	1	2,876	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	671	17,384	SH	SOLE	1	17,384	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	426	20,860	SH	SOLE	1	20,860	0	0
RYDER SYSTEM INC	COM	783549108	5,296	102,293	SH	SOLE	1	102,293	0	0
RYERSON HOLDING CORP	COM	783754104	87	10,217	SH	SOLE	1	10,217	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,371	28,986	SH	SOLE	1	28,986	0	0
S & T BANCORP INC	COM	783859101	917	25,110	SH	SOLE	1	25,110	0	0
S&P GLOBAL INC	COM	78409V104	23,833	97,284	SH	SOLE	1	97,284	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	11,017	479,819	SH	SOLE	1	479,819	0	0
SABRE CORP	COM	78573M104	11,767	525,421	SH	SOLE	1	525,421	0	0
SAFE BULKERS INC	COM	Y7388L103	56	32,137	SH	SOLE	1	32,137	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	140	12,308	SH	SOLE	1	12,308	0	0
SAFEHOLD INC	COM	78645L100	205	6,722	SH	SOLE	1	6,722	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	1,108	10,934	SH	SOLE	1	10,934	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	71	2,400	SH	SOLE	1	2,400	0	0
SAGE THERAPEUTICS INC	COM	78667J108	173	1,233	SH	SOLE	1	1,233	0	0
SAIA INC	COM	78709Y105	1,802	19,229	SH	SOLE	1	19,229	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,012	54,150	SH	SOLE	1	54,150	0	0
SALESFORCE.COM INC	COM	79466L302	45,957	309,603	SH	SOLE	1	309,603	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	4,549	305,508	SH	SOLE	1	305,508	0	0
SANDERSON FARMS INC	COM	800013104	7,577	50,067	SH	SOLE	1	50,067	0	0
SANDRIDGE ENERGY INC	COM	80007P869	91	19,464	SH	SOLE	1	19,464	0	0
SANDY SPRING BANCORP INC	COM	800363103	749	22,207	SH	SOLE	1	22,207	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	656	72,537	SH	SOLE	1	72,537	0	0
SANMINA CORP	COM	801056102	1,618	50,403	SH	SOLE	1	50,403	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	44	1,719	SH	SOLE	1	1,719	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	130	1,725	SH	SOLE	1	1,725	0	0
SAUL CENTERS INC	COM	804395101	479	8,795	SH	SOLE	1	8,795	0	0
SAVARA INC	COM	805111101	58	21,907	SH	SOLE	1	21,907	0	0
SB ONE BANCORP	COM	78413T103	117	5,168	SH	SOLE	1	5,168	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	9,834	40,779	SH	SOLE	1	40,779	0	0
SCANSOURCE INC	COM	806037107	583	19,089	SH	SOLE	1	19,089	0	0
SCHLUMBERGER LTD	COM	806857108	18,344	536,849	SH	SOLE	1	536,849	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	19	897	SH	SOLE	1	897	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	335	16,224	SH	SOLE	1	16,224	0	0

SCHOLAR ROCK HOLDING CORP	COM	80706P103	99	11,083	SH	SOLE	1	11,083	0	0
SCHOLASTIC CORP	COM	807066105	832	22,030	SH	SOLE	1	22,030	0	0
SCHWAB (CHARLES) CORP	COM	808513105	18,820	449,916	SH	SOLE	1	449,916	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	857	22,902	SH	SOLE	1	22,902	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	11,424	130,783	SH	SOLE	1	130,783	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	2,808	137,986	SH	SOLE	1	137,986	0	0
SCORPIO BULKERS INC	COM	Y7546A122	209	34,441	SH	SOLE	1	34,441	0	0
SCORPIO TANKERS INC	COM	Y7542C130	815	27,373	SH	SOLE	1	27,373	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	7,730	75,915	SH	SOLE	1	75,915	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	207	10,637	SH	SOLE	1	10,637	0	0
SEABOARD CORP	COM	811543107	18	4	SH	SOLE	1	4	0	0
SEACOAST BANKING CORP/FL	COM	811707801	950	37,541	SH	SOLE	1	37,541	0	0
SEACOR HOLDINGS INC	COM	811904101	608	12,907	SH	SOLE	1	12,907	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	156	12,438	SH	SOLE	1	12,438	0	0
SEADRILL LTD	COM	G7998G106	78	37,018	SH	SOLE	1	37,018	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	4,652	86,482	SH	SOLE	1	86,482	0	0
SEALED AIR CORP	COM	81211K100	2,208	53,188	SH	SOLE	1	53,188	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	122	10,015	SH	SOLE	1	10,015	0	0
SEATTLE GENETICS INC	COM	812578102	240	2,805	SH	SOLE	1	2,805	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	784	29,785	SH	SOLE	1	29,785	0	0
SECUREWORKS CORP A	COM	81374A105	69	5,298	SH	SOLE	1	5,298	0	0
SEI INVESTMENTS COMPANY	COM	784117103	14,453	243,904	SH	SOLE	1	243,904	0	0
SELECT BANCORP INC	COM	81617L108	120	10,352	SH	SOLE	1	10,352	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	324	37,419	SH	SOLE	1	37,419	0	0
SELECT INTERIOR CONCEPTS A	COM	816120307	170	13,100	SH	SOLE	1	13,100	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,349	81,406	SH	SOLE	1	81,406	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,271	149,896	SH	SOLE	1	149,896	0	0
SEMGROUP CORP CLASS A	COM	81663A105	819	50,146	SH	SOLE	1	50,146	0	0
SEMPRA ENERGY	COM	816851109	13,922	94,315	SH	SOLE	1	94,315	0	0
SEMTECH CORP	COM	816850101	8,175	168,170	SH	SOLE	1	168,170	0	0
SENECA FOODS CORP CL A	CL A	817070501	155	4,984	SH	SOLE	1	4,984	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	5,569	601,730	SH	SOLE	1	601,730	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	157	3,128	SH	SOLE	1	3,128	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	76	77,328	SH	SOLE	1	77,328	0	0

SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,363	107,254	SH	SOLE	1	107,254	0	0
SERES THERAPEUTICS INC	COM	81750R102	92	23,035	SH	SOLE	1	23,035	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	905	21,298	SH	SOLE	1	21,298	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,747	350,275	SH	SOLE	1	350,275	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	8,135	315,442	SH	SOLE	1	315,442	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	133	2,386	SH	SOLE	1	2,386	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,164	35,105	SH	SOLE	1	35,105	0	0
SHAKE SHACK INC CLASS A	COM	819047101	2,126	21,684	SH	SOLE	1	21,684	0	0
SHARPSRING INC	COM	820054104	63	6,457	SH	SOLE	1	6,457	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	962	30,280	SH	SOLE	1	30,280	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	14,461	26,299	SH	SOLE	1	26,299	0	0
SHIP FINANCE INTL LTD	COM	G81075106	721	51,343	SH	SOLE	1	51,343	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	125	4,175	SH	SOLE	1	4,175	0	0
SHOE CARNIVAL INC	COM	824889109	225	6,950	SH	SOLE	1	6,950	0	0
SHORE BANCSHARES INC	COM	825107105	123	7,983	SH	SOLE	1	7,983	0	0
SHOTSPOTTER INC	COM	82536T107	118	5,137	SH	SOLE	1	5,137	0	0
SHUTTERSTOCK INC	COM	825690100	511	14,152	SH	SOLE	1	14,152	0	0
SI BONE INC	COM	825704109	179	10,154	SH	SOLE	1	10,154	0	0
SIEBERT FINANCIAL CORP	COM	826176109	44	4,790	SH	SOLE	1	4,790	0	0
SIENTRA INC	COM	82621J105	158	24,343	SH	SOLE	1	24,343	0	0
SIERRA BANCORP	COM	82620P102	237	8,936	SH	SOLE	1	8,936	0	0
SIGA TECHNOLOGIES INC	COM	826917106	178	34,786	SH	SOLE	1	34,786	0	0
SIGNATURE BANK	COM	82669G104	12,542	105,202	SH	SOLE	1	105,202	0	0
SIGNET JEWELERS LTD	COM	G81276100	645	38,483	SH	SOLE	1	38,483	0	0
SILGAN HOLDINGS INC	COM	827048109	4,484	149,290	SH	SOLE	1	149,290	0	0
SILICON LABORATORIES INC	COM	826919102	12,204	109,596	SH	SOLE	1	109,596	0	0
SILK ROAD MEDICAL INC	COM	82710M100	240	7,386	SH	SOLE	1	7,386	0	0
SILVERBOW RESOURCES INC	COM	82836G102	43	4,468	SH	SOLE	1	4,468	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	67	5,465	SH	SOLE	1	5,465	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,692	67,960	SH	SOLE	1	67,960	0	0
SIMON PROPERTY GROUP INC	COM	828806109	19,578	125,782	SH	SOLE	1	125,782	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,299	44,795	SH	SOLE	1	44,795	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,273	32,762	SH	SOLE	1	32,762	0	0
SIMULATIONS PLUS INC	COM	829214105	262	7,543	SH	SOLE	1	7,543	0	0
SINA CORP	COM	G81477104	30	765	SH	SOLE	1	765	0	0

SINCLAIR BROADCAST GROUP A	COM	829226109	62	1,462	SH	SOLE	1	1,462	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,910	305,394	SH	SOLE	1	305,394	0	0
SITE CENTERS CORP	COM	82981J109	34	2,263	SH	SOLE	1	2,263	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,910	25,809	SH	SOLE	1	25,809	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	7,688	151,373	SH	SOLE	1	151,373	0	0
SJW GROUP	COM	784305104	1,135	16,624	SH	SOLE	1	16,624	0	0
SKECHERS USA INC CL A	CL A	830566105	9,597	256,936	SH	SOLE	1	256,936	0	0
SKYLINE CHAMPION CORP	COM	830830105	957	31,790	SH	SOLE	1	31,790	0	0
SKYWEST INC	COM	830879102	2,136	37,215	SH	SOLE	1	37,215	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	5,981	75,476	SH	SOLE	1	75,476	0	0
SL GREEN REALTY CORP	COM	78440X101	2,314	28,308	SH	SOLE	1	28,308	0	0
SLEEP NUMBER CORP	COM	83125X103	885	21,418	SH	SOLE	1	21,418	0	0
SLM CORP	COM	78442P106	7,222	818,354	SH	SOLE	1	818,354	0	0
SM ENERGY CO	COM	78454L100	799	82,433	SH	SOLE	1	82,433	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	247	9,708	SH	SOLE	1	9,708	0	0
SMART SAND INC	COM	83191H107	39	13,619	SH	SOLE	1	13,619	0	0
SMARTFINANCIAL INC	COM	83190L208	167	8,037	SH	SOLE	1	8,037	0	0
SMARTSHEET INC CLASS A	COM	83200N103	77	2,130	SH	SOLE	1	2,130	0	0
SMITH (A.O.) CORP	COM	831865209	2,275	47,679	SH	SOLE	1	47,679	0	0
SNAP ON INC	COM	833034101	16,206	103,527	SH	SOLE	1	103,527	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	442	5,275	SH	SOLE	1	5,275	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	264	19,638	SH	SOLE	1	19,638	0	0
SOLARWINDS CORP	COM	83417Q105	15	834	SH	SOLE	1	834	0	0
SOLID BIOSCIENCES INC	COM	83422E105	128	12,410	SH	SOLE	1	12,410	0	0
SOLITON INC	COM	834251100	36	3,337	SH	SOLE	1	3,337	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	567	18,049	SH	SOLE	1	18,049	0	0
SONIM TECHNOLOGIES INC	COM	83548F101	7	2,374	SH	SOLE	1	2,374	0	0
SONOCO PRODUCTS CO	COM	835495102	11,174	191,968	SH	SOLE	1	191,968	0	0
SONOS INC	COM	83570H108	598	44,600	SH	SOLE	1	44,600	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	169	79,005	SH	SOLE	1	79,005	0	0
SOTHEBY S	COM	835898107	4,676	82,061	SH	SOLE	1	82,061	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,260	68,666	SH	SOLE	1	68,666	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	36	2,216	SH	SOLE	1	2,216	0	0
SOUTH STATE CORP	COM	840441109	1,611	21,390	SH	SOLE	1	21,390	0	0
SOUTHERN CO/THE	COM	842587107	21,132	342,107	SH	SOLE	1	342,107	0	0
SOUTHERN COPPER CORP	COM	84265V105	37	1,074	SH	SOLE	1	1,074	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	176	4,406	SH	SOLE	1	4,406	0	0

SOUTHERN MISSOURI BANCORP	COM	843380106	181	4,971 SH	SOLE	1	4,971	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	192	12,447 SH	SOLE	1	12,447	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	810	23,738 SH	SOLE	1	23,738	0	0
SOUTHWEST AIRLINES CO	COM	844741108	9,840	182,187 SH	SOLE	1	182,187	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	12,530	137,634 SH	SOLE	1	137,634	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	2,650	1,372,977 SH	SOLE	1	1,372,977	0	0
SP PLUS CORP	COM	78469C103	533	14,403 SH	SOLE	1	14,403	0	0
SPARK ENERGY INC CLASS A	COM	846511103	79	7,474 SH	SOLE	1	7,474	0	0
SPARK THERAPEUTICS INC	COM	84652J103	2,105	21,709 SH	SOLE	1	21,709	0	0
SPARTAN MOTORS INC	COM	846819100	297	21,668 SH	SOLE	1	21,668	0	0
SPARTANNASH CO	COM	847215100	315	26,637 SH	SOLE	1	26,637	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	6,170	158,660 SH	SOLE	1	158,660	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	89,357	301,100 SH	SOLE	1	301,100	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	12,618	35,800 SH	SOLE	1	35,800	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	888	16,842 SH	SOLE	1	16,842	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	687	82,814 SH	SOLE	1	82,814	0	0
SPERO THERAPEUTICS INC	COM	84833T103	73	6,888 SH	SOLE	1	6,888	0	0
SPIRE INC	COM	84857L101	11,171	128,048 SH	SOLE	1	128,048	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	200	2,431 SH	SOLE	1	2,431	0	0
SPIRIT AIRLINES INC	COM	848577102	1,573	43,321 SH	SOLE	1	43,321	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	183	8,501 SH	SOLE	1	8,501	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,273	172,850 SH	SOLE	1	172,850	0	0
SPLUNK INC	COM	848637104	432	3,663 SH	SOLE	1	3,663	0	0
SPOK HOLDINGS INC	COM	84863T106	159	13,282 SH	SOLE	1	13,282	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	139	26,796 SH	SOLE	1	26,796	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	329	2,886 SH	SOLE	1	2,886	0	0
SPRINT CORP	COM	85207U105	57	9,182 SH	SOLE	1	9,182	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,391	227,028 SH	SOLE	1	227,028	0	0
SPS COMMERCE INC	COM	78463M107	1,220	25,928 SH	SOLE	1	25,928	0	0
SPX CORP	COM	784635104	1,298	32,432 SH	SOLE	1	32,432	0	0
SPX FLOW INC	COM	78469X107	1,228	31,128 SH	SOLE	1	31,128	0	0
SQUARE INC A	COM	852234103	513	8,285 SH	SOLE	1	8,285	0	0
SRC ENERGY INC	COM	78470V108	837	179,632 SH	SOLE	1	179,632	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	270	5,236 SH	SOLE	1	5,236	0	0
ST JOE CO/THE	COM	790148100	366	21,365 SH	SOLE	1	21,365	0	0
STAAR SURGICAL CO	COM	852312305	723	28,063 SH	SOLE	1	28,063	0	0

STAG INDUSTRIAL INC	COM	85254J102	2,383	80,845 SH	SOLE	1	80,845	0	0
STAMPS.COM INC	COM	852857200	921	12,371 SH	SOLE	1	12,371	0	0
STANDARD MOTOR PRODS	COM	853666105	753	15,507 SH	SOLE	1	15,507	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	678	9,297 SH	SOLE	1	9,297	0	0
STANLEY BLACK & DECKER INC	COM	854502101	8,453	58,533 SH	SOLE	1	58,533	0	0
STARBUCKS CORP	COM	855244109	46,260	523,184 SH	SOLE	1	523,184	0	0
STARTEK INC	COM	85569C107	68	10,480 SH	SOLE	1	10,480	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	107	4,412 SH	SOLE	1	4,412	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	352	10,869 SH	SOLE	1	10,869	0	0
STATE STREET CORP	COM	857477103	9,445	159,570 SH	SOLE	1	159,570	0	0
STEEL DYNAMICS INC	COM	858119100	26,047	874,073 SH	SOLE	1	874,073	0	0
STEELCASE INC CL A	CL A	858155203	1,010	54,914 SH	SOLE	1	54,914	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	295	28,303 SH	SOLE	1	28,303	0	0
STEPAN CO	COM	858586100	1,469	15,135 SH	SOLE	1	15,135	0	0
STERICYCLE INC	COM	858912108	8,901	174,771 SH	SOLE	1	174,771	0	0
STERIS PLC	COM	G8473T100	23,477	162,485 SH	SOLE	1	162,485	0	0
STERLING BANCORP INC/MI	COM	85917W102	102	10,444 SH	SOLE	1	10,444	0	0
STERLING BANCORP/DE	COM	85917A100	9,049	451,081 SH	SOLE	1	451,081	0	0
STERLING CONSTRUCTION CO	COM	859241101	217	16,487 SH	SOLE	1	16,487	0	0
STEVEN MADDEN LTD	COM	556269108	2,206	61,632 SH	SOLE	1	61,632	0	0
STEWART INFORMATION SERVICES	COM	860372101	676	17,418 SH	SOLE	1	17,418	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,046	175,075 SH	SOLE	1	175,075	0	0
STITCH FIX INC CLASS A	COM	860897107	510	26,483 SH	SOLE	1	26,483	0	0
STOCK YARDS BANCORP INC	COM	861025104	470	12,798 SH	SOLE	1	12,798	0	0
STOKE THERAPEUTICS INC	COM	86150R107	124	5,780 SH	SOLE	1	5,780	0	0
STONERIDGE INC	COM	86183P102	517	16,709 SH	SOLE	1	16,709	0	0
STORE CAPITAL CORP	COM	862121100	128	3,417 SH	SOLE	1	3,417	0	0
STRATASYS LTD	COM	M85548101	692	32,470 SH	SOLE	1	32,470	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,158	15,883 SH	SOLE	1	15,883	0	0
STRATUS PROPERTIES INC	COM	863167201	109	3,706 SH	SOLE	1	3,706	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	55	22,853 SH	SOLE	1	22,853	0	0
STRYKER CORP	COM	863667101	25,984	120,130 SH	SOLE	1	120,130	0	0
STURM RUGER & CO INC	COM	864159108	517	12,387 SH	SOLE	1	12,387	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	177	6,897 SH	SOLE	1	6,897	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	893	76,944 SH	SOLE	1	76,944	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,578	71,067 SH	SOLE	1	71,067	0	0
SUN COMMUNITIES INC	COM	866674104	239	1,610 SH	SOLE	1	1,610	0	0

SUNCOKE ENERGY INC	COM	86722A103	330	58,469 SH	SOLE	1	58,469	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	91	8,473 SH	SOLE	1	8,473	0	0
SUNPOWER CORP	COM	867652406	436	39,723 SH	SOLE	1	39,723	0	0
SUNRUN INC	COM	86771W105	1,192	71,361 SH	SOLE	1	71,361	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,948	141,788 SH	SOLE	1	141,788	0	0
SUNTRUST BANKS INC	COM	867914103	12,861	186,935 SH	SOLE	1	186,935	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	108	6,725 SH	SOLE	1	6,725	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,014	36,906 SH	SOLE	1	36,906	0	0
SURGERY PARTNERS INC	COM	86881A100	112	15,176 SH	SOLE	1	15,176	0	0
SURMODICS INC	COM	868873100	446	9,759 SH	SOLE	1	9,759	0	0
SUTRO BIOPHARMA INC	COM	869367102	62	6,870 SH	SOLE	1	6,870	0	0
SVB FINANCIAL GROUP	COM	78486Q101	4,323	20,689 SH	SOLE	1	20,689	0	0
SVMK INC	COM	78489X103	927	54,198 SH	SOLE	1	54,198	0	0
SWITCH INC A	COM	87105L104	22	1,434 SH	SOLE	1	1,434	0	0
SYKES ENTERPRISES INC	COM	871237103	870	28,399 SH	SOLE	1	28,399	0	0
SYMANTEC CORP	COM	871503108	5,512	233,270 SH	SOLE	1	233,270	0	0
SYNALLOY CORP	COM	871565107	84	5,252 SH	SOLE	1	5,252	0	0
SYNAPTICS INC	COM	87157D109	3,350	83,845 SH	SOLE	1	83,845	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	130	24,162 SH	SOLE	1	24,162	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,252	242,075 SH	SOLE	1	242,075	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	95	12,694 SH	SOLE	1	12,694	0	0
SYNEOS HEALTH INC	COM	87166B102	8,377	157,430 SH	SOLE	1	157,430	0	0
SYNOLOGIC INC	COM	87166L100	23	9,908 SH	SOLE	1	9,908	0	0
SYNNEX CORP	COM	87162W100	8,850	78,390 SH	SOLE	1	78,390	0	0
SYNOPSIS INC	COM	871607107	8,698	63,375 SH	SOLE	1	63,375	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	10,586	296,026 SH	SOLE	1	296,026	0	0
SYNTHORX INC	COM	87167A103	98	6,042 SH	SOLE	1	6,042	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	227	21,882 SH	SOLE	1	21,882	0	0
SYSCO CORP	COM	871829107	13,046	164,308 SH	SOLE	1	164,308	0	0
SYSTEMAX INC	COM	871851101	172	7,810 SH	SOLE	1	7,810	0	0
T MOBILE US INC	COM	872590104	12,194	154,809 SH	SOLE	1	154,809	0	0
T ROWE PRICE GROUP INC	COM	74144T108	16,288	142,565 SH	SOLE	1	142,565	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	796	14,480 SH	SOLE	1	14,480	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	574	13,553 SH	SOLE	1	13,553	0	0
TAILORED BRANDS INC	COM	87403A107	163	37,121 SH	SOLE	1	37,121	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,631	44,929 SH	SOLE	1	44,929	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	170	4,963 SH	SOLE	1	4,963	0	0
TALOS ENERGY INC	COM	87484T108	258	12,713 SH	SOLE	1	12,713	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,088	35,402 SH	SOLE	1	35,402	0	0

TANGER FACTORY OUTLET CENTER	COM	875465106	3,648	235,646	SH	SOLE	1	235,646	0	0
TAPESTRY INC	COM	876030107	16,463	631,996	SH	SOLE	1	631,996	0	0
TARGA RESOURCES CORP	COM	87612G101	149	3,708	SH	SOLE	1	3,708	0	0
TARGET CORP	COM	87612E106	17,878	167,229	SH	SOLE	1	167,229	0	0
TARGET HOSPITALITY CORP	COM	87615L107	142	20,854	SH	SOLE	1	20,854	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	7	824	SH	SOLE	1	824	0	0
TAUBMAN CENTERS INC	COM	876664103	4,792	117,374	SH	SOLE	1	117,374	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	1,724	66,466	SH	SOLE	1	66,466	0	0
TCF FINANCIAL CORP	COM	872307103	11,209	294,422	SH	SOLE	1	294,422	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	111	7,397	SH	SOLE	1	7,397	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	1,116	23,895	SH	SOLE	1	23,895	0	0
TE CONNECTIVITY LTD	COM	H84989104	10,896	116,933	SH	SOLE	1	116,933	0	0
TEAM INC	COM	878155100	400	22,140	SH	SOLE	1	22,140	0	0
TECH DATA CORP	COM	878237106	9,455	90,705	SH	SOLE	1	90,705	0	0
TECHNIPFMC PLC	COM	G87110105	3,643	150,914	SH	SOLE	1	150,914	0	0
TECHTARGET	COM	87874R100	380	16,858	SH	SOLE	1	16,858	0	0
TEEKAY CORP	COM	Y8564W103	173	43,359	SH	SOLE	1	43,359	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	156	120,269	SH	SOLE	1	120,269	0	0
TEGNA INC	COM	87901J105	8,533	549,427	SH	SOLE	1	549,427	0	0
TEJON RANCH CO	COM	879080109	225	13,259	SH	SOLE	1	13,259	0	0
TELADOC HEALTH INC	COM	87918A105	3,055	45,108	SH	SOLE	1	45,108	0	0
TELARIA INC	COM	879181105	189	27,294	SH	SOLE	1	27,294	0	0
TELECOM ARGENTINA SA SP ADR	ADR	879273209	10	994	SH	SOLE	1	994	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	22,468	69,778	SH	SOLE	1	69,778	0	0
TELEFLEX INC	COM	879369106	5,679	16,715	SH	SOLE	1	16,715	0	0
TELENAV INC	COM	879455103	98	20,537	SH	SOLE	1	20,537	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	4,830	187,214	SH	SOLE	1	187,214	0	0
TELLURIAN INC	COM	87968A104	496	59,630	SH	SOLE	1	59,630	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	6,848	88,700	SH	SOLE	1	88,700	0	0
TENABLE HOLDINGS INC	COM	88025T102	523	23,378	SH	SOLE	1	23,378	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	13	1,000	SH	SOLE	1	1,000	0	0
TENET HEALTHCARE CORP	COM	88033G407	5,790	261,734	SH	SOLE	1	261,734	0	0
TENNANT CO	COM	880345103	945	13,364	SH	SOLE	1	13,364	0	0
TENNECO INC CLASS A	COM	880349105	401	32,046	SH	SOLE	1	32,046	0	0
TERADATA CORP	COM	88076W103	6,814	219,805	SH	SOLE	1	219,805	0	0
TERADYNE INC	COM	880770102	18,962	327,437	SH	SOLE	1	327,437	0	0
TEREX CORP	COM	880779103	4,275	164,619	SH	SOLE	1	164,619	0	0
TERRAFORM POWER INC A	COM	88104R209	841	46,157	SH	SOLE	1	46,157	0	0
TERRENO REALTY CORP	COM	88146M101	2,082	40,757	SH	SOLE	1	40,757	0	0

TERRITORIAL BANCORP INC	COM	88145X108	141	4,918 SH	SOLE	1	4,918	0	0
TESLA INC	COM	88160R101	2,637	10,949 SH	SOLE	1	10,949	0	0
TESSCO TECHNOLOGIES INC	COM	872386107	59	4,076 SH	SOLE	1	4,076	0	0
TETRA TECH INC	COM	88162G103	12,009	138,418 SH	SOLE	1	138,418	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	182	90,336 SH	SOLE	1	90,336	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	811	117,823 SH	SOLE	1	117,823	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,273	96,494 SH	SOLE	1	96,494	0	0
TEXAS INSTRUMENTS INC	COM	882508104	491,177	3,800,505 SH	SOLE	1	3,800,505	0	0
TEXAS ROADHOUSE INC	COM	882681109	8,724	166,109 SH	SOLE	1	166,109	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	176	17,781 SH	SOLE	1	17,781	0	0
TEXTRON INC	COM	883203101	3,871	79,055 SH	SOLE	1	79,055	0	0
TFS FINANCIAL CORP	COM	87240R107	14	788 SH	SOLE	1	788	0	0
TG THERAPEUTICS INC	COM	88322Q108	291	51,790 SH	SOLE	1	51,790	0	0
THE BANK OF PRINCETON	COM	064520109	103	3,546 SH	SOLE	1	3,546	0	0
THERAPEUTICSMID INC	COM	88338N107	452	124,389 SH	SOLE	1	124,389	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	544	27,922 SH	SOLE	1	27,922	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	43,739	150,167 SH	SOLE	1	150,167	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	472	20,530 SH	SOLE	1	20,530	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	554	55,465 SH	SOLE	1	55,465	0	0
THOR INDUSTRIES INC	COM	885160101	6,301	111,240 SH	SOLE	1	111,240	0	0
TIDEWATER INC	COM	88642R109	367	24,305 SH	SOLE	1	24,305	0	0
TIDEWATER INC NEW	COM	88642R109	35,376	2,341,223 SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	3,573	38,571 SH	SOLE	1	38,571	0	0
TILE SHOP HLDGS INC	COM	88677Q109	88	27,726 SH	SOLE	1	27,726	0	0
TILLY S INC CLASS A SHRS	COM	886885102	130	13,719 SH	SOLE	1	13,719	0	0
TIMBERLAND BANCORP INC	COM	887098101	129	4,684 SH	SOLE	1	4,684	0	0
TIMKEN CO	COM	887389104	5,711	131,266 SH	SOLE	1	131,266	0	0
TIMKENSTEEL CORP	COM	887399103	187	29,799 SH	SOLE	1	29,799	0	0
TIPTREE INC	COM	88822Q103	114	15,705 SH	SOLE	1	15,705	0	0
TITAN INTERNATIONAL INC	COM	88830M102	100	37,162 SH	SOLE	1	37,162	0	0
TITAN MACHINERY INC	COM	88830R101	172	11,960 SH	SOLE	1	11,960	0	0
TIVITY HEALTH INC	COM	88870R102	577	34,709 SH	SOLE	1	34,709	0	0
TIVO CORP	COM	88870P106	695	91,276 SH	SOLE	1	91,276	0	0
TJX COMPANIES INC	COM	872540109	24,908	446,856 SH	SOLE	1	446,856	0	0
TOCAGEN INC	COM	888846102	9	13,397 SH	SOLE	1	13,397	0	0
TOLL BROTHERS INC	COM	889478103	10,176	247,899 SH	SOLE	1	247,899	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	855	10,537 SH	SOLE	1	10,537	0	0
TOOTSIE ROLL INDS	COM	890516107	1,578	42,481 SH	SOLE	1	42,481	0	0

TOPBUILD CORP	COM	89055F103	2,430	25,202 SH	SOLE	1	25,202	0	0
TORO CO	COM	891092108	15,053	205,355 SH	SOLE	1	205,355	0	0
TOWNE BANK	COM	89214P109	1,170	42,092 SH	SOLE	1	42,092	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	621	31,307 SH	SOLE	1	31,307	0	0
TPI COMPOSITES INC	COM	87266J104	342	18,239 SH	SOLE	1	18,239	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	3,672	40,597 SH	SOLE	1	40,597	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	176	938 SH	SOLE	1	938	0	0
TRANSCAT INC	COM	893529107	112	4,363 SH	SOLE	1	4,363	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	21	670 SH	SOLE	1	670	0	0
TRANSDIGM GROUP INC	COM	893641100	8,754	16,813 SH	SOLE	1	16,813	0	0
TRANSENTERIX INC	COM	89366M201	72	116,218 SH	SOLE	1	116,218	0	0
TRANSLATE BIO INC	COM	89374L104	184	18,548 SH	SOLE	1	18,548	0	0
TRANSMEDICS GROUP INC	COM	89377M109	99	4,168 SH	SOLE	1	4,168	0	0
TRANSOCEAN LTD	COM	H8817H100	4,932	1,103,287 SH	SOLE	1	1,103,287	0	0
TRANSPORTADOR GAS SUR SP B	ADR	893870204	6	663 SH	SOLE	1	663	0	0
TRANSUNION	COM	89400J107	371	4,575 SH	SOLE	1	4,575	0	0
TRAVELERS COS INC/THE	COM	89417E109	19,445	130,775 SH	SOLE	1	130,775	0	0
TRAVELZOO	COM	89421Q205	35	3,320 SH	SOLE	1	3,320	0	0
TRECORA RESOURCES	COM	894648104	122	13,477 SH	SOLE	1	13,477	0	0
TREDEGAR CORP	COM	894650100	374	19,168 SH	SOLE	1	19,168	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,982	107,878 SH	SOLE	1	107,878	0	0
TREX COMPANY INC	COM	89531P105	13,480	148,246 SH	SOLE	1	148,246	0	0
TRI POINTE GROUP INC	COM	87265H109	5,412	359,865 SH	SOLE	1	359,865	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	95	11,059 SH	SOLE	1	11,059	0	0
TRICIDA INC	COM	89610F101	426	13,785 SH	SOLE	1	13,785	0	0
TRICO BANCSHARES	COM	896095106	614	16,901 SH	SOLE	1	16,901	0	0
TRIMAS CORP	COM	896215209	880	28,711 SH	SOLE	1	28,711	0	0
TRIMBLE INC	COM	896239100	18,760	483,369 SH	SOLE	1	483,369	0	0
TRINET GROUP INC	COM	896288107	1,755	28,223 SH	SOLE	1	28,223	0	0
TRINITY INDUSTRIES INC	COM	896522109	3,863	196,313 SH	SOLE	1	196,313	0	0
TRINSEO SA	COM	L9340P101	1,283	29,875 SH	SOLE	1	29,875	0	0
TRIPADVISOR INC	COM	896945201	2,141	55,353 SH	SOLE	1	55,353	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	194	14,458 SH	SOLE	1	14,458	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	325	15,424 SH	SOLE	1	15,424	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,182	34,940 SH	SOLE	1	34,940	0	0
TRIUMPH BANCORP INC	COM	89679E300	571	17,909 SH	SOLE	1	17,909	0	0
TRIUMPH GROUP INC	COM	896818101	843	36,828 SH	SOLE	1	36,828	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	478	57,645 SH	SOLE	1	57,645	0	0
TRUEBLUE INC	COM	89785X101	624	29,580 SH	SOLE	1	29,580	0	0
TRUECAR INC	COM	89785L107	222	65,401 SH	SOLE	1	65,401	0	0

TRUPANION INC	COM	898202106	456	17,954 SH	SOLE	1	17,954	0	0
TRUSTCO BANK CORP NY	COM	898349105	576	70,711 SH	SOLE	1	70,711	0	0
TRUSTMARK CORP	COM	898402102	5,564	163,130 SH	SOLE	1	163,130	0	0
TTEC HOLDINGS INC	COM	89854H102	509	10,628 SH	SOLE	1	10,628	0	0
TTM TECHNOLOGIES	COM	87305R109	894	73,341 SH	SOLE	1	73,341	0	0
TUCOWS INC CLASS A	COM	898697206	323	5,960 SH	SOLE	1	5,960	0	0
TUPPERWARE BRANDS CORP	COM	899896104	574	36,181 SH	SOLE	1	36,181	0	0
TURNING POINT BRANDS INC	COM	90041L105	121	5,226 SH	SOLE	1	5,226	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	158	4,193 SH	SOLE	1	4,193	0	0
TUTOR PERINI CORP	COM	901109108	361	25,190 SH	SOLE	1	25,190	0	0
TWILIO INC A	COM	90138F102	321	2,920 SH	SOLE	1	2,920	0	0
TWIN DISC INC	COM	901476101	69	6,515 SH	SOLE	1	6,515	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	284	12,424 SH	SOLE	1	12,424	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	328	13,715 SH	SOLE	1	13,715	0	0
TWITTER INC	COM	90184L102	12,080	293,198 SH	SOLE	1	293,198	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	58	4,396 SH	SOLE	1	4,396	0	0
TYLER TECHNOLOGIES INC	COM	902252105	19,507	74,312 SH	SOLE	1	74,312	0	0
TYME TECHNOLOGIES INC	COM	90238J103	44	37,273 SH	SOLE	1	37,273	0	0
TYSON FOODS INC CL A	CL A	902494103	10,018	116,299 SH	SOLE	1	116,299	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	1,220	9,342 SH	SOLE	1	9,342	0	0
UBIQUITI INC	COM	90353W103	44	368 SH	SOLE	1	368	0	0
UDR INC	COM	902653104	4,792	98,846 SH	SOLE	1	98,846	0	0
UFP TECHNOLOGIES INC	COM	902673102	165	4,266 SH	SOLE	1	4,266	0	0
UGI CORP	COM	902681105	20,151	400,849 SH	SOLE	1	400,849	0	0
ULTA BEAUTY INC	COM	90384S303	6,164	24,591 SH	SOLE	1	24,591	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	425	29,012 SH	SOLE	1	29,012	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,476	34,507 SH	SOLE	1	34,507	0	0
UMB FINANCIAL CORP	COM	902788108	7,112	110,124 SH	SOLE	1	110,124	0	0
UMH PROPERTIES INC	COM	903002103	319	22,637 SH	SOLE	1	22,637	0	0
UMPQUA HOLDINGS CORP	COM	904214103	6,953	422,417 SH	SOLE	1	422,417	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,281	64,257 SH	SOLE	1	64,257	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,454	80,197 SH	SOLE	1	80,197	0	0
UNIFI INC	COM	904677200	235	10,713 SH	SOLE	1	10,713	0	0
UNIFIRST CORP/MA	COM	904708104	2,195	11,250 SH	SOLE	1	11,250	0	0
UNION BANKSHARES INC /VT	COM	905400107	78	2,458 SH	SOLE	1	2,458	0	0
UNION PACIFIC CORP	COM	907818108	36,062	222,630 SH	SOLE	1	222,630	0	0
UNISYS CORP	COM	909214306	281	37,862 SH	SOLE	1	37,862	0	0
UNIT CORP	COM	909218109	134	39,652 SH	SOLE	1	39,652	0	0

UNITED AIRLINES HOLDINGS INC	COM	910047109	9,199	104,044	SH	SOLE	1	104,044	0	0
UNITED BANKSHARES INC	COM	909907107	9,672	255,411	SH	SOLE	1	255,411	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,657	58,450	SH	SOLE	1	58,450	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	320	29,730	SH	SOLE	1	29,730	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	437	32,062	SH	SOLE	1	32,062	0	0
UNITED FIRE GROUP INC	COM	910340108	739	15,736	SH	SOLE	1	15,736	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	214	15,302	SH	SOLE	1	15,302	0	0
UNITED NATURAL FOODS INC	COM	911163103	450	39,079	SH	SOLE	1	39,079	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	31,378	261,872	SH	SOLE	1	261,872	0	0
UNITED RENTALS INC	COM	911363109	3,676	29,495	SH	SOLE	1	29,495	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	89	8,504	SH	SOLE	1	8,504	0	0
UNITED STATES LIME & MINERAL	COM	911922102	97	1,267	SH	SOLE	1	1,267	0	0
UNITED STATES STEEL CORP	COM	912909108	3,783	327,561	SH	SOLE	1	327,561	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	49,084	359,536	SH	SOLE	1	359,536	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	6,708	84,108	SH	SOLE	1	84,108	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	67,408	310,178	SH	SOLE	1	310,178	0	0
UNITI GROUP INC	COM	91325V108	3,760	484,263	SH	SOLE	1	484,263	0	0
UNITIL CORP	COM	913259107	585	9,219	SH	SOLE	1	9,219	0	0
UNITY BANCORP INC	COM	913290102	110	4,979	SH	SOLE	1	4,979	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	103	16,853	SH	SOLE	1	16,853	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	53	2,556	SH	SOLE	1	2,556	0	0
UNIVERSAL CORP/VA	COM	913456109	1,000	18,248	SH	SOLE	1	18,248	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	13,715	81,686	SH	SOLE	1	81,686	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	510	10,013	SH	SOLE	1	10,013	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,769	44,354	SH	SOLE	1	44,354	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	976	9,490	SH	SOLE	1	9,490	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	4,068	27,350	SH	SOLE	1	27,350	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	683	22,764	SH	SOLE	1	22,764	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	122	5,235	SH	SOLE	1	5,235	0	0
UNIVEST FINANCIAL CORP	COM	915271100	463	18,165	SH	SOLE	1	18,165	0	0
UNUM GROUP	COM	91529Y106	2,130	71,666	SH	SOLE	1	71,666	0	0
UPLAND SOFTWARE INC	COM	91544A109	504	14,457	SH	SOLE	1	14,457	0	0
UPWORK INC	COM	91688F104	477	35,858	SH	SOLE	1	35,858	0	0
URANIUM ENERGY CORP	COM	916896103	110	112,555	SH	SOLE	1	112,555	0	0

URBAN EDGE PROPERTIES	COM	91704F104	5,772	291,664	SH	SOLE	1	291,664	0	0
URBAN OUTFITTERS INC	COM	917047102	3,800	135,281	SH	SOLE	1	135,281	0	0
UROGEN PHARMA LTD	COM	M96088105	282	11,831	SH	SOLE	1	11,831	0	0
URSTADT BIDDLE CLASS A	COM	917286205	521	21,965	SH	SOLE	1	21,965	0	0
US BANCORP	COM	902973304	32,729	591,418	SH	SOLE	1	591,418	0	0
US CELLULAR CORP	COM	911684108	9	246	SH	SOLE	1	246	0	0
US CONCRETE INC	COM	90333L201	654	11,829	SH	SOLE	1	11,829	0	0
US ECOLOGY INC	COM	91732J102	1,046	16,361	SH	SOLE	1	16,361	0	0
US FOODS HOLDING CORP	COM	912008109	145	3,536	SH	SOLE	1	3,536	0	0
US SILICA HOLDINGS INC	COM	90346E103	520	54,383	SH	SOLE	1	54,383	0	0
US WELL SERVICES INC	COM	91274U101	28	12,673	SH	SOLE	1	12,673	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	66	13,788	SH	SOLE	1	13,788	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	654	9,563	SH	SOLE	1	9,563	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	211	2,198	SH	SOLE	1	2,198	0	0
VAIL RESORTS INC	COM	91879Q109	1,204	5,289	SH	SOLE	1	5,289	0	0
VALARIS PLC	COM	G9402V109	105	21,760	SH	SOLE	1	21,760	0	0
VALERO ENERGY CORP	COM	91913Y100	14,839	174,088	SH	SOLE	1	174,088	0	0
VALHI INC	COM	918905100	35	18,287	SH	SOLE	1	18,287	0	0
VALLEY NATIONAL BANCORP	COM	919794107	9,089	836,131	SH	SOLE	1	836,131	0	0
VALMONT INDUSTRIES	COM	920253101	5,745	41,496	SH	SOLE	1	41,496	0	0
VALUE LINE INC	COM	920437100	15	669	SH	SOLE	1	669	0	0
VALVOLINE INC	COM	92047W101	7,953	361,017	SH	SOLE	1	361,017	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	514	38,741	SH	SOLE	1	38,741	0	0
VAPOTHERM INC	COM	922107107	88	9,256	SH	SOLE	1	9,256	0	0
VAREX IMAGING CORP	COM	92214X106	799	28,000	SH	SOLE	1	28,000	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	3,692	30,999	SH	SOLE	1	30,999	0	0
VARONIS SYSTEMS INC	COM	922280102	1,119	18,726	SH	SOLE	1	18,726	0	0
VBI VACCINES INC	COM	91822J103	25	52,985	SH	SOLE	1	52,985	0	0
VECTOR GROUP LTD	COM	92240M108	986	82,756	SH	SOLE	1	82,756	0	0
VECTRUS INC	COM	92242T101	290	7,130	SH	SOLE	1	7,130	0	0
VEDANTA LTD ADR	ADR	92242Y100	22	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	418	35,787	SH	SOLE	1	35,787	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	483	3,163	SH	SOLE	1	3,163	0	0
VENTAS INC	COM	92276F100	10,148	138,955	SH	SOLE	1	138,955	0	0
VERA BRADLEY INC	COM	92335C106	157	15,520	SH	SOLE	1	15,520	0	0
VERACYTE INC	COM	92337F107	715	29,792	SH	SOLE	1	29,792	0	0
VEREIT INC	COM	92339V100	154	15,783	SH	SOLE	1	15,783	0	0
VERICEL CORP	COM	92346J108	420	27,767	SH	SOLE	1	27,767	0	0
VERINT SYSTEMS INC	COM	92343X100	1,768	41,323	SH	SOLE	1	41,323	0	0
VERISIGN INC	COM	92343E102	8,826	46,791	SH	SOLE	1	46,791	0	0

VERISK ANALYTICS INC	COM	92345Y106	11,572	73,174	SH	SOLE	1	73,174	0	0
VERITEX HOLDINGS INC	COM	923451108	924	38,099	SH	SOLE	1	38,099	0	0
VERITIV CORP	COM	923454102	173	9,582	SH	SOLE	1	9,582	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	449,255	7,442,918	SH	SOLE	1	7,442,918	0	0
VERRA MOBILITY CORP	COM	92511U102	1,050	73,187	SH	SOLE	1	73,187	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	120	8,140	SH	SOLE	1	8,140	0	0
VERSO CORP A	COM	92531L207	273	22,017	SH	SOLE	1	22,017	0	0
VERSUM MATERIALS INC	COM	92532W103	11,140	210,459	SH	SOLE	1	210,459	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	18,425	108,751	SH	SOLE	1	108,751	0	0
VF CORP	COM	918204108	10,346	116,256	SH	SOLE	1	116,256	0	0
VIACOM INC CLASS A	COM	92553P102	4	162	SH	SOLE	1	162	0	0
VIACOM INC CLASS B	COM	92553P201	14,188	590,431	SH	SOLE	1	590,431	0	0
VIAD CORP	COM	92552R406	1,001	14,906	SH	SOLE	1	14,906	0	0
VIASAT INC	COM	92552V100	8,324	110,514	SH	SOLE	1	110,514	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,386	170,355	SH	SOLE	1	170,355	0	0
VICI PROPERTIES INC	COM	925652109	170	7,488	SH	SOLE	1	7,488	0	0
VICOR CORP	COM	925815102	391	13,248	SH	SOLE	1	13,248	0	0
VIEWRAY INC	COM	92672L107	129	44,533	SH	SOLE	1	44,533	0	0
VIKING THERAPEUTICS INC	COM	92686J106	282	40,976	SH	SOLE	1	40,976	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	138	5,211	SH	SOLE	1	5,211	0	0
VINCE HOLDING CORP	COM	92719W207	37	1,948	SH	SOLE	1	1,948	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	49	5,533	SH	SOLE	1	5,533	0	0
VIRNETX HOLDING CORP	COM	92823T108	209	38,742	SH	SOLE	1	38,742	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	16	967	SH	SOLE	1	967	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	544	4,920	SH	SOLE	1	4,920	0	0
VIRTUSA CORP	COM	92827P102	781	21,690	SH	SOLE	1	21,690	0	0
VISA INC CLASS A SHARES	COM	92826C839	108,962	633,465	SH	SOLE	1	633,465	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,681	335,536	SH	SOLE	1	335,536	0	0
VISHAY PRECISION GROUP	COM	92835K103	216	6,586	SH	SOLE	1	6,586	0	0
VISTA OUTDOOR INC	COM	928377100	265	42,864	SH	SOLE	1	42,864	0	0
VISTEON CORP	COM	92839U206	5,845	70,810	SH	SOLE	1	70,810	0	0
VISTRA ENERGY CORP	COM	92840M102	184	6,872	SH	SOLE	1	6,872	0	0
VITAMIN SHOPPE INC	COM	92849E101	11	1,694	SH	SOLE	1	1,694	0	0
VIVINT SOLAR INC	COM	92854Q106	180	27,537	SH	SOLE	1	27,537	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	485	19,665	SH	SOLE	1	19,665	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,899	168,032	SH	SOLE	1	168,032	0	0
VORNADO REALTY TRUST	COM	929042109	3,421	53,725	SH	SOLE	1	53,725	0	0
VOYA FINANCIAL INC	COM	929089100	128	2,356	SH	SOLE	1	2,356	0	0

VOYAGER THERAPEUTICS INC	COM	92915B106	262	15,243	SH	SOLE	1	15,243	0	0
VSE CORP	COM	918284100	188	5,506	SH	SOLE	1	5,506	0	0
VULCAN MATERIALS CO	COM	929160109	8,056	53,268	SH	SOLE	1	53,268	0	0
W&T OFFSHORE INC	COM	92922P106	260	59,454	SH	SOLE	1	59,454	0	0
WABASH NATIONAL CORP	COM	929566107	579	39,883	SH	SOLE	1	39,883	0	0
WABCO HOLDINGS INC	COM	92927K102	158	1,181	SH	SOLE	1	1,181	0	0
WABTEC CORP	COM	929740108	4,937	68,698	SH	SOLE	1	68,698	0	0
WADDELL & REED FINANCIAL A	COM	930059100	921	53,598	SH	SOLE	1	53,598	0	0
WAITR HOLDINGS INC	COM	930752100	47	36,452	SH	SOLE	1	36,452	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	34,568	624,979	SH	SOLE	1	624,979	0	0
WALKER & DUNLOP INC	COM	93148P102	1,154	20,634	SH	SOLE	1	20,634	0	0
WALMART INC	COM	931142103	55,242	465,471	SH	SOLE	1	465,471	0	0
WALT DISNEY CO/THE	COM	254687106	88,821	681,561	SH	SOLE	1	681,561	0	0
WARRIOR MET COAL INC	COM	93627C101	748	38,317	SH	SOLE	1	38,317	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,435	200,989	SH	SOLE	1	200,989	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	573	138,519	SH	SOLE	1	138,519	0	0
WASHINGTON REIT	COM	939653101	1,627	59,470	SH	SOLE	1	59,470	0	0
WASHINGTON TRUST BANCORP	COM	940610108	461	9,548	SH	SOLE	1	9,548	0	0
WASTE MANAGEMENT INC	COM	94106L109	17,171	149,311	SH	SOLE	1	149,311	0	0
WATERS CORP	COM	941848103	5,654	25,326	SH	SOLE	1	25,326	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	259	15,092	SH	SOLE	1	15,092	0	0
WATFORD HOLDINGS LTD	COM	G94787101	344	12,782	SH	SOLE	1	12,782	0	0
WATSCO INC	COM	942622200	10,584	62,562	SH	SOLE	1	62,562	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,919	20,472	SH	SOLE	1	20,472	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	292	14,219	SH	SOLE	1	14,219	0	0
WAYFAIR INC CLASS A	COM	94419L101	170	1,519	SH	SOLE	1	1,519	0	0
WD 40 CO	COM	929236107	1,870	10,188	SH	SOLE	1	10,188	0	0
WEBSTER FINANCIAL CORP	COM	947890109	8,286	176,781	SH	SOLE	1	176,781	0	0
WEC ENERGY GROUP INC	COM	92939U106	15,625	164,304	SH	SOLE	1	164,304	0	0
WEIBO CORP SPON ADR	ADR	948596101	31	693	SH	SOLE	1	693	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	6,759	232,024	SH	SOLE	1	232,024	0	0
WEIS MARKETS INC	COM	948849104	230	6,025	SH	SOLE	1	6,025	0	0
WELBILT INC	COM	949090104	1,383	82,013	SH	SOLE	1	82,013	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	7,666	29,579	SH	SOLE	1	29,579	0	0
WELLS FARGO & CO	COM	949746101	66,194	1,312,336	SH	SOLE	1	1,312,336	0	0
WELLTOWER INC	COM	95040Q104	13,930	153,667	SH	SOLE	1	153,667	0	0
WENDY S CO/THE	COM	95058W100	7,102	355,447	SH	SOLE	1	355,447	0	0
WERNER ENTERPRISES INC	COM	950755108	3,982	112,815	SH	SOLE	1	112,815	0	0

WESBANCO INC	COM	950810101	1,247	33,368 SH	SOLE	1	33,368	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	370	33,629 SH	SOLE	1	33,629	0	0
WESCO INTERNATIONAL INC	COM	95082P105	33	686 SH	SOLE	1	686	0	0
WEST BANCORPORATION	COM	95123P106	220	10,100 SH	SOLE	1	10,100	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	20,128	141,923 SH	SOLE	1	141,923	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,208	19,430 SH	SOLE	1	19,430	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	76	1,652 SH	SOLE	1	1,652	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	317	32,825 SH	SOLE	1	32,825	0	0
WESTERN DIGITAL CORP	COM	958102105	365,744	6,132,525 SH	SOLE	1	6,132,525	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	143	15,049 SH	SOLE	1	15,049	0	0
WESTERN UNION CO	COM	959802109	4,255	183,657 SH	SOLE	1	183,657	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	37	572 SH	SOLE	1	572	0	0
WESTROCK CO	COM	96145D105	5,329	146,196 SH	SOLE	1	146,196	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	143	5,158 SH	SOLE	1	5,158	0	0
WEX INC	COM	96208T104	16,846	83,367 SH	SOLE	1	83,367	0	0
WEYCO GROUP INC	COM	962149100	88	3,877 SH	SOLE	1	3,877	0	0
WEYERHAEUSER CO	COM	962166104	7,660	276,538 SH	SOLE	1	276,538	0	0
WHIRLPOOL CORP	COM	963320106	418,659	2,643,717 SH	SOLE	1	2,643,717	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	54	50 SH	SOLE	1	50	0	0
WHITESTONE REIT	COM	966084204	394	28,624 SH	SOLE	1	28,624	0	0
WHITING PETROLEUM CORP	COM	966387409	542	67,497 SH	SOLE	1	67,497	0	0
WIDOPENWEST INC	COM	96758W101	96	15,560 SH	SOLE	1	15,560	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	3,712	84,476 SH	SOLE	1	84,476	0	0
WILLDAN GROUP INC	COM	96924N100	223	6,344 SH	SOLE	1	6,344	0	0
WILLIAM LYON HOMES CL A	CL A	552074700	482	23,698 SH	SOLE	1	23,698	0	0
WILLIAMS COS INC	COM	969457100	10,018	416,379 SH	SOLE	1	416,379	0	0
WILLIAMS SONOMA INC	COM	969904101	11,122	163,611 SH	SOLE	1	163,611	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	102	1,842 SH	SOLE	1	1,842	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	10,858	56,267 SH	SOLE	1	56,267	0	0
WILLSCOT CORP	COM	971375126	508	32,617 SH	SOLE	1	32,617	0	0
WINGSTOP INC	COM	974155103	1,900	21,772 SH	SOLE	1	21,772	0	0
WINMARK CORP	COM	974250102	272	1,543 SH	SOLE	1	1,543	0	0
WINNEBAGO INDUSTRIES	COM	974637100	887	23,122 SH	SOLE	1	23,122	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,028	108,741 SH	SOLE	1	108,741	0	0
WIPRO LTD ADR	ADR	97651M109	42	11,420 SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	508	97,135 SH	SOLE	1	97,135	0	0
WIX.COM LTD	COM	M98068105	599	5,129 SH	SOLE	1	5,129	0	0

WNS HOLDINGS LTD ADR	ADR	92932M101	38	651	SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,763	62,379	SH	SOLE	1	62,379	0	0
WOODWARD INC	COM	980745103	11,680	108,315	SH	SOLE	1	108,315	0	0
WORKDAY INC CLASS A	COM	98138H101	1,704	10,024	SH	SOLE	1	10,024	0	0
WORKIVA INC	COM	98139A105	1,017	23,205	SH	SOLE	1	23,205	0	0
WORLD ACCEPTANCE CORP	COM	981419104	592	4,646	SH	SOLE	1	4,646	0	0
WORLD FUEL SERVICES CORP	COM	981475106	6,594	165,109	SH	SOLE	1	165,109	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	6,513	91,543	SH	SOLE	1	91,543	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,422	94,918	SH	SOLE	1	94,918	0	0
WP CAREY INC	COM	92936U109	245	2,740	SH	SOLE	1	2,740	0	0
WPX ENERGY INC	COM	98212B103	8,581	810,249	SH	SOLE	1	810,249	0	0
WR BERKLEY CORP	COM	084423102	20,050	277,587	SH	SOLE	1	277,587	0	0
WR GRACE & CO	COM	38388F108	93	1,397	SH	SOLE	1	1,397	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	21	5,168	SH	SOLE	1	5,168	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	1,644	79,686	SH	SOLE	1	79,686	0	0
WSFS FINANCIAL CORP	COM	929328102	1,464	33,198	SH	SOLE	1	33,198	0	0
WW GRAINGER INC	COM	384802104	4,988	16,785	SH	SOLE	1	16,785	0	0
WW INTERNATIONAL INC	COM	98262P101	4,457	117,840	SH	SOLE	1	117,840	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	8,141	176,902	SH	SOLE	1	176,902	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	9,583	185,210	SH	SOLE	1	185,210	0	0
WYNN RESORTS LTD	COM	983134107	4,407	40,532	SH	SOLE	1	40,532	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	95	7,495	SH	SOLE	1	7,495	0	0
XBIOTECH INC	COM	98400H102	125	11,980	SH	SOLE	1	11,980	0	0
XCEL ENERGY INC	COM	98389B100	13,548	208,785	SH	SOLE	1	208,785	0	0
XENCOR INC	COM	98401F105	1,190	35,293	SH	SOLE	1	35,293	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,774	83,982	SH	SOLE	1	83,982	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	166	16,838	SH	SOLE	1	16,838	0	0
XEROX HOLDINGS CORP	COM	98421M106	2,007	67,117	SH	SOLE	1	67,117	0	0
XILINX INC	COM	983919101	10,267	107,055	SH	SOLE	1	107,055	0	0
XPERI CORP	COM	98421B100	755	36,529	SH	SOLE	1	36,529	0	0
XPO LOGISTICS INC	COM	983793100	12,687	177,264	SH	SOLE	1	177,264	0	0
XYLEM INC	COM	98419M100	4,878	61,268	SH	SOLE	1	61,268	0	0
Y MABS THERAPEUTICS INC	COM	984241109	335	12,850	SH	SOLE	1	12,850	0	0
YELP INC	COM	985817105	5,795	166,749	SH	SOLE	1	166,749	0	0
YETI HOLDINGS INC	COM	98585X104	547	19,521	SH	SOLE	1	19,521	0	0
YEXT INC	COM	98585N106	933	58,698	SH	SOLE	1	58,698	0	0
YORK WATER CO	COM	987184108	356	8,155	SH	SOLE	1	8,155	0	0
YOUNGEVITY INTERNATIONAL INC	COM	987537206	24	5,441	SH	SOLE	1	5,441	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	19	2,106	SH	SOLE	1	2,106	0	0

YRC WORLDWIDE INC	COM	984249607	64	21,059 SH	SOLE	1	21,059	0	0
YUM BRANDS INC	COM	988498101	14,337	126,396 SH	SOLE	1	126,396	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	607	13,351 SH	SOLE	1	13,351	0	0
YY INC ADR	ADR	98426T106	37	656 SH	SOLE	1	656	0	0
ZAGG INC	COM	98884U108	111	17,713 SH	SOLE	1	17,713	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	187	5,521 SH	SOLE	1	5,521	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	21,513	104,243 SH	SOLE	1	104,243	0	0
ZENDESK INC	COM	98936J101	195	2,669 SH	SOLE	1	2,669	0	0
ZILLOW GROUP INC A	COM	98954M101	27	913 SH	SOLE	1	913	0	0
ZILLOW GROUP INC C	COM	98954M200	60	2,001 SH	SOLE	1	2,001	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	9,363	68,206 SH	SOLE	1	68,206	0	0
ZIONS BANCORP NA	COM	989701107	2,873	64,528 SH	SOLE	1	64,528	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	434	101,359 SH	SOLE	1	101,359	0	0
ZIX CORP	COM	98974P100	244	33,753 SH	SOLE	1	33,753	0	0
ZOETIS INC	COM	98978V103	27,801	223,140 SH	SOLE	1	223,140	0	0
ZOGENIX INC	COM	98978L204	1,078	26,935 SH	SOLE	1	26,935	0	0
ZSCALER INC	COM	98980G102	72	1,518 SH	SOLE	1	1,518	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	90	4,200 SH	SOLE	1	4,200	0	0
ZUMIEZ INC	COM	989817101	470	14,841 SH	SOLE	1	14,841	0	0
ZUORA INC CLASS A	COM	98983V106	826	54,876 SH	SOLE	1	54,876	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	109	14,451 SH	SOLE	1	14,451	0	0
ZYNEX INC	COM	98986M103	94	9,833 SH	SOLE	1	9,833	0	0
ZYNGA INC CL A	CL A	98986T108	89	15,259 SH	SOLE	1	15,259	0	0