

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

FORM 13F INFORMATION TABLE

OMB APPROVAL	
OMB Number:	3235-0006
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	194	14,685	SH		SOLE	1	14,685	0	0
1LIFE HEALTHCARE INC	COM	68269G107	207	11,417	SH		SOLE	1	11,417	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	69	5,244	SH		SOLE	1	5,244	0	0
1ST SOURCE CORP	COM	336901103	271	8,353	SH		SOLE	1	8,353	0	0
22ND CENTURY GROUP INC	COM	90137F103	51	68,500	SH		SOLE	1	68,500	0	0
2U INC	COM	90214J101	22	1,041	SH		SOLE	1	1,041	0	0
3D SYSTEMS CORP	COM	88554D205	613	79,445	SH		SOLE	1	79,445	0	0
3M CO	COM	88579Y101	247,889	1,815,905	SH		SOLE	1	1,815,905	0	0
51JOB INC ADR	ADR	316827104	24	396	SH		SOLE	1	396	0	0
58.COM INC ADR	ADR	31680Q104	56	1,158	SH		SOLE	1	1,158	0	0
89BIO INC	COM	282559103	44	1,739	SH		SOLE	1	1,739	0	0
8X8 INC	COM	282914100	927	66,879	SH		SOLE	1	66,879	0	0
A10 NETWORKS INC	COM	002121101	183	29,523	SH		SOLE	1	29,523	0	0
AAON INC	COM	000360206	1,363	28,208	SH		SOLE	1	28,208	0	0
AAR CORP	COM	000361105	406	22,888	SH		SOLE	1	22,888	0	0
AARON S INC	COM	002535300	3,870	169,868	SH		SOLE	1	169,868	0	0
ABBOTT LABORATORIES	COM	002824100	45,744	579,696	SH		SOLE	1	579,696	0	0
ABBVIE INC	COM	00287Y109	257,540	3,380,229	SH		SOLE	1	3,380,229	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	68	32,339	SH		SOLE	1	32,339	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	393	43,183	SH		SOLE	1	43,183	0	0
ABIOMED INC	COM	003654100	2,422	16,684	SH		SOLE	1	16,684	0	0
ABM INDUSTRIES INC	COM	000957100	1,115	45,786	SH		SOLE	1	45,786	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	11	94,816	SH		SOLE	1	94,816	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,508	22,451	SH		SOLE	1	22,451	0	0
ACACIA RESEARCH CORP	COM	003881307	65	29,145	SH		SOLE	1	29,145	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	3,169	172,693	SH		SOLE	1	172,693	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	2,815	66,636	SH		SOLE	1	66,636	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	731	58,979	SH		SOLE	1	58,979	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	135	16,147	SH		SOLE	1	16,147	0	0
ACCELERON PHARMA INC	COM	00434H108	2,396	26,660	SH		SOLE	1	26,660	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	34,044	208,525	SH		SOLE	1	208,525	0	0
ACCO BRANDS CORP	COM	00081T108	288	57,064	SH		SOLE	1	57,064	0	0
ACCURAY INC	COM	004397105	100	52,857	SH		SOLE	1	52,857	0	0
ACELRX PHARMACEUTICALS	COM	00444T100	55	46,385	SH		SOLE	1	46,385	0	0

INC										
ACER THERAPEUTICS INC	COM	00444P108	6	2,971	SH	SOLE	1	2,971	0	0
ACI WORLDWIDE INC	COM	004498101	7,045	291,733	SH	SOLE	1	291,733	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	19	18,241	SH	SOLE	1	18,241	0	0
ACNB CORP	COM	000868109	142	4,744	SH	SOLE	1	4,744	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	29	31,169	SH	SOLE	1	31,169	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	19,700	331,209	SH	SOLE	1	331,209	0	0
ACUITY BRANDS INC	COM	00508Y102	6,625	77,336	SH	SOLE	1	77,336	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	536	20,831	SH	SOLE	1	20,831	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	39	13,524	SH	SOLE	1	13,524	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	39	1,392	SH	SOLE	1	1,392	0	0
ADDUS HOMECARE CORP	COM	006739106	586	8,670	SH	SOLE	1	8,670	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	179	16,025	SH	SOLE	1	16,025	0	0
ADIENT PLC	COM	G0084W101	1,998	220,258	SH	SOLE	1	220,258	0	0
ADMA BIOLOGICS INC	COM	000899104	120	41,599	SH	SOLE	1	41,599	0	0
ADOBE INC	COM	00724F101	66,949	210,373	SH	SOLE	1	210,373	0	0
ADT INC	COM	00090Q103	8	1,847	SH	SOLE	1	1,847	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	3,635	135,684	SH	SOLE	1	135,684	0	0
ADTRAN INC	COM	00738A106	252	32,802	SH	SOLE	1	32,802	0	0
ADURO BIOTECH INC	COM	00739L101	106	38,776	SH	SOLE	1	38,776	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	2,203	23,611	SH	SOLE	1	23,611	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,411	43,023	SH	SOLE	1	43,023	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	756	25,688	SH	SOLE	1	25,688	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	64	9,742	SH	SOLE	1	9,742	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,271	26,210	SH	SOLE	1	26,210	0	0
ADVANCED MICRO DEVICES	COM	007903107	23,017	506,093	SH	SOLE	1	506,093	0	0
ADVANSIX INC	COM	00773T101	183	19,194	SH	SOLE	1	19,194	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	366	37,431	SH	SOLE	1	37,431	0	0
AECOM	COM	00766T100	9,141	306,223	SH	SOLE	1	306,223	0	0
AEGION CORP	COM	00770F104	376	20,983	SH	SOLE	1	20,983	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	72	15,488	SH	SOLE	1	15,488	0	0
AERCAP HOLDINGS NV	COM	N00985106	521	22,859	SH	SOLE	1	22,859	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	337	24,990	SH	SOLE	1	24,990	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,100	50,193	SH	SOLE	1	50,193	0	0
AEROVIRONMENT INC	COM	008073108	895	14,674	SH	SOLE	1	14,674	0	0
AES CORP	COM	00130H105	4,154	305,451	SH	SOLE	1	305,451	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	5,682	96,082	SH	SOLE	1	96,082	0	0
AFFIMED NV	COM	N01045108	69	43,536	SH	SOLE	1	43,536	0	0
AFLAC INC	COM	001055102	10,667	311,531	SH	SOLE	1	311,531	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	53	19,266	SH	SOLE	1	19,266	0	0
AGCO CORP	COM	001084102	5,776	122,236	SH	SOLE	1	122,236	0	0
AGENUS INC	COM	00847G705	155	63,352	SH	SOLE	1	63,352	0	0

AGEX THERAPEUTICS INC	COM	00848H108	12	12,888	SH	SOLE	1	12,888	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	9,333	130,307	SH	SOLE	1	130,307	0	0
AGILYSYS INC	COM	00847J105	237	14,200	SH	SOLE	1	14,200	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	36	1,019	SH	SOLE	1	1,019	0	0
AGNC INVESTMENT CORP	COM	00123Q104	93	8,808	SH	SOLE	1	8,808	0	0
AGREE REALTY CORP	COM	008492100	1,923	31,071	SH	SOLE	1	31,071	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	384	26,641	SH	SOLE	1	26,641	0	0
AIR LEASE CORP	COM	00912X302	39	1,768	SH	SOLE	1	1,768	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	17,105	85,690	SH	SOLE	1	85,690	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	633	34,618	SH	SOLE	1	34,618	0	0
AIRGAIN INC	COM	00938A104	39	5,290	SH	SOLE	1	5,290	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,433	59,382	SH	SOLE	1	59,382	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	107	7,453	SH	SOLE	1	7,453	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	530	69,887	SH	SOLE	1	69,887	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	105	4,956	SH	SOLE	1	4,956	0	0
AKORN INC	COM	009728106	36	64,351	SH	SOLE	1	64,351	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	96	17,912	SH	SOLE	1	17,912	0	0
ALAMO GROUP INC	COM	011311107	595	6,700	SH	SOLE	1	6,700	0	0
ALARM.COM HOLDINGS INC	COM	011642105	982	25,244	SH	SOLE	1	25,244	0	0
ALASKA AIR GROUP INC	COM	011659109	1,202	42,214	SH	SOLE	1	42,214	0	0
ALBANY INTL CORP CL A	CL A	012348108	998	21,076	SH	SOLE	1	21,076	0	0
ALBEMARLE CORP	COM	012653101	2,032	36,054	SH	SOLE	1	36,054	0	0
ALBIREO PHARMA INC	COM	01345P106	124	7,554	SH	SOLE	1	7,554	0	0
ALCOA CORP	COM	013872106	19	3,025	SH	SOLE	1	3,025	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	34	13,576	SH	SOLE	1	13,576	0	0
ALECTOR INC	COM	014442107	493	20,446	SH	SOLE	1	20,446	0	0
ALERUS FINANCIAL CORP	COM	01446U103	29	1,768	SH	SOLE	1	1,768	0	0
ALEXANDER & BALDWIN INC	COM	014491104	529	47,138	SH	SOLE	1	47,138	0	0
ALEXANDER S INC	COM	014752109	348	1,262	SH	SOLE	1	1,262	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,886	42,943	SH	SOLE	1	42,943	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	8,737	97,302	SH	SOLE	1	97,302	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	4,279	22,002	SH	SOLE	1	22,002	0	0
ALICO INC	COM	016230104	96	3,081	SH	SOLE	1	3,081	0	0
ALIGN TECHNOLOGY INC	COM	016255101	5,621	32,314	SH	SOLE	1	32,314	0	0
ALKERMES PLC	COM	G01767105	37	2,539	SH	SOLE	1	2,539	0	0
ALLAKOS INC	COM	01671P100	513	11,529	SH	SOLE	1	11,529	0	0
ALLEGHANY CORP	COM	017175100	15,505	28,071	SH	SOLE	1	28,071	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	2,706	318,300	SH	SOLE	1	318,300	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	312	12,923	SH	SOLE	1	12,923	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	733	8,960	SH	SOLE	1	8,960	0	0

ALLEGION PLC	COM	G0176J109	3,011	32,718	SH	SOLE	1	32,718	0	0
ALLERGAN PLC	COM	G0177J108	18,829	106,317	SH	SOLE	1	106,317	0	0
ALLETE INC	COM	018522300	7,926	130,615	SH	SOLE	1	130,615	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	470	13,958	SH	SOLE	1	13,958	0	0
ALLIANT ENERGY CORP	COM	018802108	4,872	100,894	SH	SOLE	1	100,894	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	99	4,186	SH	SOLE	1	4,186	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	81	2,485	SH	SOLE	1	2,485	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	446	22,962	SH	SOLE	1	22,962	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	2,885	409,783	SH	SOLE	1	409,783	0	0
ALLSTATE CORP	COM	020002101	17,470	190,448	SH	SOLE	1	190,448	0	0
ALLY FINANCIAL INC	COM	02005N100	88	6,104	SH	SOLE	1	6,104	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	254	2,331	SH	SOLE	1	2,331	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	77	11,978	SH	SOLE	1	11,978	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	158,760	136,632	SH	SOLE	1	136,632	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	133,665	114,950	SH	SOLE	1	114,950	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	80	23,138	SH	SOLE	1	23,138	0	0
ALTAIR ENGINEERING INC A	COM	021369103	627	23,679	SH	SOLE	1	23,679	0	0
ALTERYX INC CLASS A	COM	02156B103	98	1,033	SH	SOLE	1	1,033	0	0
ALTICE USA INC A	COM	02156K103	153	6,863	SH	SOLE	1	6,863	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	26	3,344	SH	SOLE	1	3,344	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	666	38,091	SH	SOLE	1	38,091	0	0
ALTRIA GROUP INC	COM	02209S103	250,507	6,478,070	SH	SOLE	1	6,478,070	0	0
ALTUS MIDSTREAM CO A	COM	02215L100	22	29,823	SH	SOLE	1	29,823	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	143	23,182	SH	SOLE	1	23,182	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	89	8,201	SH	SOLE	1	8,201	0	0
AMAZON.COM INC	COM	023135106	313,843	160,968	SH	SOLE	1	160,968	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	384	31,120	SH	SOLE	1	31,120	0	0
AMBARELLA INC	COM	G037AX101	930	19,159	SH	SOLE	1	19,159	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	97	30,541	SH	SOLE	1	30,541	0	0
AMC NETWORKS INC A	COM	00164V103	2,095	86,192	SH	SOLE	1	86,192	0	0
AMCOR PLC	COM	G0250X107	4,854	597,728	SH	SOLE	1	597,728	0	0
AMDOCS LTD	COM	G02602103	119	2,168	SH	SOLE	1	2,168	0	0
AMEDISYS INC	COM	023436108	14,857	80,947	SH	SOLE	1	80,947	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	151	6,333	SH	SOLE	1	6,333	0	0
AMERANT BANCORP INC	COM	023576101	176	11,453	SH	SOLE	1	11,453	0	0
AMERCO	COM	023586100	42	144	SH	SOLE	1	144	0	0
AMEREN CORPORATION	COM	023608102	6,094	83,672	SH	SOLE	1	83,672	0	0
AMERESCO INC CL A	CL A	02361E108	226	13,300	SH	SOLE	1	13,300	0	0
AMERICA S CAR MART INC	COM	03062T105	238	4,231	SH	SOLE	1	4,231	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,030	166,510	SH	SOLE	1	166,510	0	0
AMERICAN ASSETS	COM	024013104	830	33,218	SH	SOLE	1	33,218	0	0

TRUST INC										
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	278	77,093	SH	SOLE	1	77,093	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	7,524	271,148	SH	SOLE	1	271,148	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	3,182	400,228	SH	SOLE	1	400,228	0	0
AMERICAN ELECTRIC POWER	COM	025537101	12,795	159,973	SH	SOLE	1	159,973	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,167	62,101	SH	SOLE	1	62,101	0	0
AMERICAN EXPRESS CO	COM	025816109	22,891	267,383	SH	SOLE	1	267,383	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	396	63,302	SH	SOLE	1	63,302	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	10,227	145,938	SH	SOLE	1	145,938	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	247	10,641	SH	SOLE	1	10,641	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	6,832	281,748	SH	SOLE	1	281,748	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	10	120	SH	SOLE	1	120	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	266	32,028	SH	SOLE	1	32,028	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	249	10,425	SH	SOLE	1	10,425	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	14	1,475	SH	SOLE	1	1,475	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	72	10,859	SH	SOLE	1	10,859	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	249	17,553	SH	SOLE	1	17,553	0	0
AMERICAN STATES WATER CO	COM	029899101	2,063	25,242	SH	SOLE	1	25,242	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	69	12,635	SH	SOLE	1	12,635	0	0
AMERICAN TOWER CORP	COM	03027X100	36,553	167,869	SH	SOLE	1	167,869	0	0
AMERICAN VANGUARD CORP	COM	030371108	284	19,623	SH	SOLE	1	19,623	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,951	99,961	SH	SOLE	1	99,961	0	0
AMERICAN WOODMARK CORP	COM	030506109	523	11,469	SH	SOLE	1	11,469	0	0
AMERICOLD REALTY TRUST	COM	03064D108	148	4,354	SH	SOLE	1	4,354	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	5,246	51,189	SH	SOLE	1	51,189	0	0
AMERIS BANCORP	COM	03076K108	1,009	42,455	SH	SOLE	1	42,455	0	0
AMERISAFE INC	COM	03071H100	849	13,164	SH	SOLE	1	13,164	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,608	52,066	SH	SOLE	1	52,066	0	0
AMES NATIONAL CORP	COM	031001100	107	5,255	SH	SOLE	1	5,255	0	0
AMETEK INC	COM	031100100	6,800	94,417	SH	SOLE	1	94,417	0	0
AMGEN INC	COM	031162100	232,885	1,148,747	SH	SOLE	1	1,148,747	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,400	151,470	SH	SOLE	1	151,470	0	0
AMKOR TECHNOLOGY INC	COM	031652100	453	58,150	SH	SOLE	1	58,150	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,835	31,738	SH	SOLE	1	31,738	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	244	69,987	SH	SOLE	1	69,987	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	364	24,525	SH	SOLE	1	24,525	0	0

AMPHENOL CORP CL A	CL A	032095101	7,636	104,771	SH	SOLE	1	104,771	0	0
AMPLIFY ENERGY CORP	COM	03212B103	4	7,736	SH	SOLE	1	7,736	0	0
AMYRIS INC	COM	03236M200	90	35,319	SH	SOLE	1	35,319	0	0
ANALOG DEVICES INC	COM	032654105	14,336	159,912	SH	SOLE	1	159,912	0	0
ANAPLAN INC	COM	03272L108	60	1,971	SH	SOLE	1	1,971	0	0
ANAPTYSBIO INC	COM	032724106	205	14,543	SH	SOLE	1	14,543	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	92	29,176	SH	SOLE	1	29,176	0	0
ANDERSONS INC/THE	COM	034164103	408	21,763	SH	SOLE	1	21,763	0	0
ANGIODYNAMICS INC	COM	03475V101	265	25,440	SH	SOLE	1	25,440	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	257	6,302	SH	SOLE	1	6,302	0	0
ANIKA THERAPEUTICS INC	COM	035255108	269	9,296	SH	SOLE	1	9,296	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,839	20,932	SH	SOLE	1	20,932	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	118	23,279	SH	SOLE	1	23,279	0	0
ANSYS INC	COM	03662Q105	8,192	35,239	SH	SOLE	1	35,239	0	0
ANTARES PHARMA INC	COM	036642106	226	95,744	SH	SOLE	1	95,744	0	0
ANTERIX INC	COM	03676C100	291	6,364	SH	SOLE	1	6,364	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	1,214	578,319	SH	SOLE	1	578,319	0	0
ANTERO RESOURCES CORP	COM	03674X106	3	3,986	SH	SOLE	1	3,986	0	0
ANTHEM INC	COM	036752103	18,645	82,120	SH	SOLE	1	82,120	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	65	57,817	SH	SOLE	1	57,817	0	0
AON PLC	COM	G0408V102	14,301	86,653	SH	SOLE	1	86,653	0	0
APACHE CORP	COM	037411105	633	151,540	SH	SOLE	1	151,540	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	1,881	53,515	SH	SOLE	1	53,515	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	908	33,877	SH	SOLE	1	33,877	0	0
APERGY CORP	COM	03755L104	869	151,051	SH	SOLE	1	151,051	0	0
APOGEE ENTERPRISES INC	COM	037598109	375	18,035	SH	SOLE	1	18,035	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	779	105,052	SH	SOLE	1	105,052	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	65	5,006	SH	SOLE	1	5,006	0	0
APPFOLIO INC A	COM	03783C100	1,032	9,303	SH	SOLE	1	9,303	0	0
APPIAN CORP	COM	03782L101	811	20,163	SH	SOLE	1	20,163	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	116	12,662	SH	SOLE	1	12,662	0	0
APPLE INC	COM	037833100	436,957	1,718,341	SH	SOLE	1	1,718,341	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,208	26,412	SH	SOLE	1	26,412	0	0
APPLIED MATERIALS INC	COM	038222105	18,695	408,003	SH	SOLE	1	408,003	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	99	13,084	SH	SOLE	1	13,084	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	158	4,819	SH	SOLE	1	4,819	0	0
APREA THERAPEUTICS INC	COM	03836J102	133	3,824	SH	SOLE	1	3,824	0	0
APTARGROUP INC	COM	038336103	12,426	124,832	SH	SOLE	1	124,832	0	0
APTIV PLC	COM	G6095L109	4,283	86,987	SH	SOLE	1	86,987	0	0
APYX MEDICAL CORP	COM	03837C106	71	19,713	SH	SOLE	1	19,713	0	0
ARAMARK	COM	03852U106	81	4,080	SH	SOLE	1	4,080	0	0
ARCBEST CORP	COM	03937C105	307	17,523	SH	SOLE	1	17,523	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	187	6,578	SH	SOLE	1	6,578	0	0

ARCH COAL INC A	COM	039380407	258	8,926	SH	SOLE	1	8,926	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	6,662	189,366	SH	SOLE	1	189,366	0	0
ARCHROCK INC	COM	03957W106	333	88,516	SH	SOLE	1	88,516	0	0
ARCOSA INC	COM	039653100	1,330	33,464	SH	SOLE	1	33,464	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	267	19,219	SH	SOLE	1	19,219	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	184	6,159	SH	SOLE	1	6,159	0	0
ARDAGH GROUP SA	COM	L0223L101	425	35,814	SH	SOLE	1	35,814	0	0
ARDELYX INC	COM	039697107	210	36,965	SH	SOLE	1	36,965	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	104	19,766	SH	SOLE	1	19,766	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,256	29,897	SH	SOLE	1	29,897	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	129	18,480	SH	SOLE	1	18,480	0	0
ARES MANAGEMENT CORP A	COM	03990B101	1,309	42,330	SH	SOLE	1	42,330	0	0
ARGAN INC	COM	04010E109	301	8,714	SH	SOLE	1	8,714	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	716	19,333	SH	SOLE	1	19,333	0	0
ARISTA NETWORKS INC	COM	040413106	3,909	19,301	SH	SOLE	1	19,301	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	47	21,362	SH	SOLE	1	21,362	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	126	51,700	SH	SOLE	1	51,700	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	495	46,305	SH	SOLE	1	46,305	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	357	40,533	SH	SOLE	1	40,533	0	0
ARMSTRONG FLOORING INC	COM	04238R106	15	10,479	SH	SOLE	1	10,479	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	88	1,113	SH	SOLE	1	1,113	0	0
ARROW ELECTRONICS INC	COM	042735100	8,238	158,824	SH	SOLE	1	158,824	0	0
ARROW FINANCIAL CORP	COM	042744102	210	7,552	SH	SOLE	1	7,552	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	7,275	252,853	SH	SOLE	1	252,853	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	177	4,735	SH	SOLE	1	4,735	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	5,248	64,386	SH	SOLE	1	64,386	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,192	55,451	SH	SOLE	1	55,451	0	0
ARVINAS INC	COM	04335A105	506	12,558	SH	SOLE	1	12,558	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	734	13,284	SH	SOLE	1	13,284	0	0
ASCENA RETAIL GROUP INC	COM	04351G200	6	4,636	SH	SOLE	1	4,636	0	0
ASGN INC	COM	00191U102	4,675	132,362	SH	SOLE	1	132,362	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	39	53,298	SH	SOLE	1	53,298	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	5,877	117,371	SH	SOLE	1	117,371	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,153	4,406	SH	SOLE	1	4,406	0	0
ASPEN TECHNOLOGY INC	COM	045327103	147	1,551	SH	SOLE	1	1,551	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	249	16,821	SH	SOLE	1	16,821	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	25	38,177	SH	SOLE	1	38,177	0	0
ASSETMARK	COM	04546L106	166	8,154	SH	SOLE	1	8,154	0	0

FINANCIAL HOLDINGS

ASSOCIATED BANC CORP	COM	045487105	3,973	310,655	SH	SOLE	1	310,655	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	35	1,138	SH	SOLE	1	1,138	0	0
ASSURANT INC	COM	04621X108	3,915	37,616	SH	SOLE	1	37,616	0	0
ASSURED GUARANTY LTD	COM	G0585R106	39	1,517	SH	SOLE	1	1,517	0	0
ASTEC INDUSTRIES INC	COM	046224101	538	15,385	SH	SOLE	1	15,385	0	0
ASTRONICS CORP	COM	046433108	124	13,534	SH	SOLE	1	13,534	0	0
ASTRONOVA INC	COM	04638F108	32	4,091	SH	SOLE	1	4,091	0	0
AT HOME GROUP INC	COM	04650Y100	57	28,218	SH	SOLE	1	28,218	0	0
AT&T INC	COM	00206R102	70,524	2,419,352	SH	SOLE	1	2,419,352	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	259	30,478	SH	SOLE	1	30,478	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	64	2,585	SH	SOLE	1	2,585	0	0
ATHENEX INC	COM	04685N103	313	40,421	SH	SOLE	1	40,421	0	0
ATHERSYS INC	COM	04744L106	238	79,279	SH	SOLE	1	79,279	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	592	28,105	SH	SOLE	1	28,105	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	150	12,676	SH	SOLE	1	12,676	0	0
ATLANTIC POWER CORP	COM	04878Q863	135	63,280	SH	SOLE	1	63,280	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,036	47,298	SH	SOLE	1	47,298	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	417	16,242	SH	SOLE	1	16,242	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	374	2,725	SH	SOLE	1	2,725	0	0
ATMOS ENERGY CORP	COM	049560105	4,031	40,621	SH	SOLE	1	40,621	0	0
ATN INTERNATIONAL INC	COM	00215F107	446	7,594	SH	SOLE	1	7,594	0	0
ATRECA INC A	COM	04965G109	169	10,201	SH	SOLE	1	10,201	0	0
ATRICURE INC	COM	04963C209	756	22,495	SH	SOLE	1	22,495	0	0
ATRION CORPORATION	COM	049904105	551	848	SH	SOLE	1	848	0	0
AUTODESK INC	COM	052769106	14,758	94,543	SH	SOLE	1	94,543	0	0
AUTOHOME INC ADR	ADR	05278C107	50	701	SH	SOLE	1	701	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	26,513	193,980	SH	SOLE	1	193,980	0	0
AUTONATION INC	COM	05329W102	3,220	114,739	SH	SOLE	1	114,739	0	0
AUTOZONE INC	COM	053332102	7,232	8,549	SH	SOLE	1	8,549	0	0
AVALARA INC	COM	05338G106	80	1,066	SH	SOLE	1	1,066	0	0
AVALON GLOBOCARE CORP	COM	05344R104	20	12,831	SH	SOLE	1	12,831	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	8,198	55,702	SH	SOLE	1	55,702	0	0
AVANGRID INC	COM	05351W103	40	915	SH	SOLE	1	915	0	0
AVANOS MEDICAL INC	COM	05350V106	3,250	120,691	SH	SOLE	1	120,691	0	0
AVANTOR INC	COM	05352A100	82	6,571	SH	SOLE	1	6,571	0	0
AVAYA HOLDINGS CORP	COM	05351X101	457	56,512	SH	SOLE	1	56,512	0	0
AVERY DENNISON CORP	COM	053611109	2,988	29,327	SH	SOLE	1	29,327	0	0
AVID BIOSERVICES INC	COM	05368M106	170	33,180	SH	SOLE	1	33,180	0	0
AVID TECHNOLOGY INC	COM	05367P100	113	16,775	SH	SOLE	1	16,775	0	0
AVIS BUDGET GROUP INC	COM	053774105	2,001	143,990	SH	SOLE	1	143,990	0	0
AVISTA CORP	COM	05379B107	1,947	45,817	SH	SOLE	1	45,817	0	0
AVNET INC	COM	053807103	4,941	196,854	SH	SOLE	1	196,854	0	0
AVROBIO INC	COM	05455M100	216	13,877	SH	SOLE	1	13,877	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	65	3,771	SH	SOLE	1	3,771	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	407	22,203	SH	SOLE	1	22,203	0	0

AXCELLA HEALTH INC	COM	05454B105	16	4,617	SH	SOLE	1	4,617	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	54	1,396	SH	SOLE	1	1,396	0	0
AXOGEN INC	COM	05463X106	209	20,080	SH	SOLE	1	20,080	0	0
AXON ENTERPRISE INC	COM	05464C101	10,565	149,293	SH	SOLE	1	149,293	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	279	10,992	SH	SOLE	1	10,992	0	0
AXOS FINANCIAL INC	COM	05465C100	713	39,340	SH	SOLE	1	39,340	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	940	15,985	SH	SOLE	1	15,985	0	0
AXT INC	COM	00246W103	73	22,799	SH	SOLE	1	22,799	0	0
AZZ INC	COM	002474104	503	17,886	SH	SOLE	1	17,886	0	0
B. RILEY FINANCIAL INC	COM	05580M108	224	12,146	SH	SOLE	1	12,146	0	0
B&G FOODS INC	COM	05508R106	791	43,705	SH	SOLE	1	43,705	0	0
BADGER METER INC	COM	056525108	1,057	19,724	SH	SOLE	1	19,724	0	0
BAIDU INC SPON ADR	ADR	056752108	2,016	20,001	SH	SOLE	1	20,001	0	0
BAKER HUGHES CO	COM	05722G100	3,173	302,172	SH	SOLE	1	302,172	0	0
BALCHEM CORP	COM	057665200	2,186	22,148	SH	SOLE	1	22,148	0	0
BALL CORP	COM	058498106	8,548	132,197	SH	SOLE	1	132,197	0	0
BANC OF CALIFORNIA INC	COM	05990K106	249	31,123	SH	SOLE	1	31,123	0	0
BANCFIRST CORP	COM	05945F103	368	11,025	SH	SOLE	1	11,025	0	0
BANCO MACRO SA ADR	ADR	05961W105	3	165	SH	SOLE	1	165	0	0
BANCORP INC/THE	COM	05969A105	180	29,729	SH	SOLE	1	29,729	0	0
BANCORPSOUTH BANK	COM	05971J102	4,622	244,304	SH	SOLE	1	244,304	0	0
BANDWIDTH INC CLASS A	COM	05988J103	640	9,516	SH	SOLE	1	9,516	0	0
BANK FIRST CORP	COM	06211J100	191	3,419	SH	SOLE	1	3,419	0	0
BANK OF AMERICA CORP	COM	060505104	55,663	2,621,885	SH	SOLE	1	2,621,885	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	81	10,259	SH	SOLE	1	10,259	0	0
BANK OF HAWAII CORP	COM	062540109	4,338	78,529	SH	SOLE	1	78,529	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	235	7,832	SH	SOLE	1	7,832	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	534	31,351	SH	SOLE	1	31,351	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	11,799	350,334	SH	SOLE	1	350,334	0	0
BANK OZK	COM	06417N103	4,963	297,193	SH	SOLE	1	297,193	0	0
BANK7 CORP	COM	06652N107	17	2,201	SH	SOLE	1	2,201	0	0
BANKFINANCIAL CORP	COM	06643P104	73	8,252	SH	SOLE	1	8,252	0	0
BANKUNITED INC	COM	06652K103	29	1,527	SH	SOLE	1	1,527	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	60	3,935	SH	SOLE	1	3,935	0	0
BANNER CORPORATION	COM	06652V208	805	24,357	SH	SOLE	1	24,357	0	0
BAOZUN INC SPN ADR	ADR	06684L103	9	308	SH	SOLE	1	308	0	0
BAR HARBOR BANKSHARES	COM	066849100	156	9,031	SH	SOLE	1	9,031	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	39	28,353	SH	SOLE	1	28,353	0	0
BARNES GROUP INC	COM	067806109	1,358	32,474	SH	SOLE	1	32,474	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	170	4,294	SH	SOLE	1	4,294	0	0
BASSETT FURNITURE INDS	COM	070203104	31	5,649	SH	SOLE	1	5,649	0	0
BAUDAX BIO INC	COM	07160F107	12	4,823	SH	SOLE	1	4,823	0	0
BAXTER INTERNATIONAL INC	COM	071813109	16,142	198,820	SH	SOLE	1	198,820	0	0
BAYCOM CORP	COM	07272M107	75	6,194	SH	SOLE	1	6,194	0	0
BBX CAPITAL CORP	COM	05491N104	88	38,056	SH	SOLE	1	38,056	0	0
BCB BANCORP INC	COM	055298103	94	8,821	SH	SOLE	1	8,821	0	0

BCE INC	COM	05534B950	891	21,800	SH	SOLE	1	21,800	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	532	32,138	SH	SOLE	1	32,138	0	0
BEAM THERAPEUTICS INC	COM	07373V105	131	7,271	SH	SOLE	1	7,271	0	0
BEAZER HOMES USA INC	COM	07556Q881	111	17,254	SH	SOLE	1	17,254	0	0
BECTON DICKINSON AND CO	COM	075887109	20,126	87,592	SH	SOLE	1	87,592	0	0
BED BATH & BEYOND INC	COM	075896100	1,334	316,941	SH	SOLE	1	316,941	0	0
BEIGENE LTD ADR	ADR	07725L102	534	4,335	SH	SOLE	1	4,335	0	0
BEL FUSE INC CL B	COM	077347300	66	6,814	SH	SOLE	1	6,814	0	0
BELDEN INC	COM	077454106	3,530	97,827	SH	SOLE	1	97,827	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	401	23,548	SH	SOLE	1	23,548	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	509	25,464	SH	SOLE	1	25,464	0	0
BENEFITFOCUS INC	COM	08180D106	156	17,541	SH	SOLE	1	17,541	0	0
BENEFYTT TECHNOLOGIES INC	CL A	08182C106	129	5,776	SH	SOLE	1	5,776	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	115,822	633,494	SH	SOLE	1	633,494	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	458	30,800	SH	SOLE	1	30,800	0	0
BERRY CORP	COM	08579X101	89	37,095	SH	SOLE	1	37,095	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	83	2,473	SH	SOLE	1	2,473	0	0
BEST BUY CO INC	COM	086516101	176,286	3,092,735	SH	SOLE	1	3,092,735	0	0
BEST INC ADR	SPONSORED ADS	08653C106	11	2,085	SH	SOLE	1	2,085	0	0
BEYOND MEAT INC	COM	08862E109	51	772	SH	SOLE	1	772	0	0
BEYONDSRING INC	COM	G10830100	97	7,605	SH	SOLE	1	7,605	0	0
BG STAFFING INC	COM	05544A109	44	5,876	SH	SOLE	1	5,876	0	0
BGC PARTNERS INC CL A	CL A	05541T101	12	4,866	SH	SOLE	1	4,866	0	0
BIG LOTS INC	COM	089302103	381	26,791	SH	SOLE	1	26,791	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	29	562	SH	SOLE	1	562	0	0
BILL.COM HOLDINGS INC	COM	090043100	7	211	SH	SOLE	1	211	0	0
BIO RAD LABORATORIES A	COM	090572207	16,518	47,119	SH	SOLE	1	47,119	0	0
BIO TECHNE CORP	COM	09073M104	14,139	74,565	SH	SOLE	1	74,565	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	182	91,039	SH	SOLE	1	91,039	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	187	49,444	SH	SOLE	1	49,444	0	0
BIOGEN INC	COM	09062X103	25,599	80,912	SH	SOLE	1	80,912	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	862	25,327	SH	SOLE	1	25,327	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	41	4,298	SH	SOLE	1	4,298	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,247	14,752	SH	SOLE	1	14,752	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	40	9,552	SH	SOLE	1	9,552	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	205	3,632	SH	SOLE	1	3,632	0	0
BIOTELEMETRY INC	COM	090672106	882	22,904	SH	SOLE	1	22,904	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	92	4,109	SH	SOLE	1	4,109	0	0
BJ S RESTAURANTS INC	COM	09180C106	183	13,160	SH	SOLE	1	13,160	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	7,700	302,307	SH	SOLE	1	302,307	0	0

BLACK DIAMOND THERAPEUTICS I	COM	09203E105	178	7,143	SH	SOLE	1	7,143	0	0
BLACK HILLS CORP	COM	092113109	9,925	155,003	SH	SOLE	1	155,003	0	0
BLACK KNIGHT INC	COM	09215C105	190	3,267	SH	SOLE	1	3,267	0	0
BLACKBAUD INC	COM	09227Q100	6,891	124,047	SH	SOLE	1	124,047	0	0
BLACKLINE INC	COM	09239B109	1,347	25,595	SH	SOLE	1	25,595	0	0
BLACKROCK INC	COM	09247X101	21,467	48,793	SH	SOLE	1	48,793	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,414	75,961	SH	SOLE	1	75,961	0	0
BLOOM ENERGY CORP A	COM	093712107	171	32,632	SH	SOLE	1	32,632	0	0
BLOOMIN BRANDS INC	COM	094235108	427	59,850	SH	SOLE	1	59,850	0	0
BLUCORA INC	COM	095229100	404	33,488	SH	SOLE	1	33,488	0	0
BLUE BIRD CORP	COM	095306106	99	9,093	SH	SOLE	1	9,093	0	0
BLUEBIRD BIO INC	COM	09609G100	41	897	SH	SOLE	1	897	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	25	4,239	SH	SOLE	1	4,239	0	0
BLUELINX HOLDINGS INC	COM	09624H208	26	5,294	SH	SOLE	1	5,294	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,854	31,696	SH	SOLE	1	31,696	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	78	13,931	SH	SOLE	1	13,931	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	699	39,435	SH	SOLE	1	39,435	0	0
BOEING CO/THE	COM	097023105	32,191	215,844	SH	SOLE	1	215,844	0	0
BOINGO WIRELESS INC	COM	09739C102	273	25,727	SH	SOLE	1	25,727	0	0
BOISE CASCADE CO	COM	09739D100	636	26,730	SH	SOLE	1	26,730	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	22	520	SH	SOLE	1	520	0	0
BONANZA CREEK ENERGY INC	COM	097793400	146	12,981	SH	SOLE	1	12,981	0	0
BOOKING HOLDINGS INC	COM	09857L108	26,173	19,455	SH	SOLE	1	19,455	0	0
BOOT BARN HOLDINGS INC	COM	099406100	253	19,563	SH	SOLE	1	19,563	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	213	3,101	SH	SOLE	1	3,101	0	0
BORGWARNER INC	COM	099724106	1,712	70,236	SH	SOLE	1	70,236	0	0
BOSTON BEER COMPANY INC A	COM	100557107	8,369	22,768	SH	SOLE	1	22,768	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	112	6,207	SH	SOLE	1	6,207	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	408	57,081	SH	SOLE	1	57,081	0	0
BOSTON PROPERTIES INC	COM	101121101	4,569	49,541	SH	SOLE	1	49,541	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	14,921	457,266	SH	SOLE	1	457,266	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,074	29,293	SH	SOLE	1	29,293	0	0
BOX INC CLASS A	COM	10316T104	1,217	86,653	SH	SOLE	1	86,653	0	0
BOYD GAMING CORP	COM	103304101	2,920	202,495	SH	SOLE	1	202,495	0	0
BRADY CORPORATION CL A	CL A	104674106	1,509	33,431	SH	SOLE	1	33,431	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	30	17,781	SH	SOLE	1	17,781	0	0
BRANDYWINE REALTY TRUST	COM	105368203	30	2,836	SH	SOLE	1	2,836	0	0
BRIDGE BANCORP INC	COM	108035106	204	9,652	SH	SOLE	1	9,652	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,286	44,349	SH	SOLE	1	44,349	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	170,372	5,874,897	SH	SOLE	2	5,874,897	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	129	13,234	SH	SOLE	1	13,234	0	0

BRIDGFORD FOODS CORP	COM	108763103	24	1,024	SH	SOLE	1	1,024	0	0
BRIGGS & STRATTON	COM	109043109	51	28,446	SH	SOLE	1	28,446	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	138	16,702	SH	SOLE	1	16,702	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	133	1,307	SH	SOLE	1	1,307	0	0
BRIGHTCOVE	COM	10921T101	160	23,010	SH	SOLE	1	23,010	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	5,149	213,025	SH	SOLE	1	213,025	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	249	38,920	SH	SOLE	1	38,920	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	204	18,471	SH	SOLE	1	18,471	0	0
BRINK S CO/THE	COM	109696104	6,574	126,296	SH	SOLE	1	126,296	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,134	94,395	SH	SOLE	1	94,395	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	265,680	4,766,407	SH	SOLE	1	4,766,407	0	0
BRISTOL MYERS SQUIBB CO	COM	110122157	113	29,832	SH	SOLE	1	29,832	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	5,518	580,814	SH	SOLE	1	580,814	0	0
BROADCOM INC	COM	11135F101	210,218	886,622	SH	SOLE	1	886,622	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	3,820	40,287	SH	SOLE	1	40,287	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	341	109,278	SH	SOLE	1	109,278	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	13	1,492	SH	SOLE	1	1,492	0	0
BROOKLINE BANCORP INC	COM	11373M107	610	54,074	SH	SOLE	1	54,074	0	0
BROOKS AUTOMATION INC	COM	114340102	1,519	49,814	SH	SOLE	1	49,814	0	0
BROWN & BROWN INC	COM	115236101	16,522	456,149	SH	SOLE	1	456,149	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	52	1,007	SH	SOLE	1	1,007	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,560	64,141	SH	SOLE	1	64,141	0	0
BRP GROUP INC A	COM CL A	05589G102	110	10,461	SH	SOLE	1	10,461	0	0
BRT APARTMENTS CORP	COM	055645303	60	5,834	SH	SOLE	1	5,834	0	0
BRUKER CORP	COM	116794108	83	2,322	SH	SOLE	1	2,322	0	0
BRUNSWICK CORP	COM	117043109	5,626	159,068	SH	SOLE	1	159,068	0	0
BRYN MAWR BANK CORP	COM	117665109	334	11,776	SH	SOLE	1	11,776	0	0
BUCKLE INC/THE	COM	118440106	272	19,840	SH	SOLE	1	19,840	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	825	67,485	SH	SOLE	1	67,485	0	0
BUNGE LTD	COM	G16962105	92	2,242	SH	SOLE	1	2,242	0	0
BURLINGTON STORES INC	COM	122017106	236	1,487	SH	SOLE	1	1,487	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	100	7,388	SH	SOLE	1	7,388	0	0
BWX TECHNOLOGIES INC	COM	05605H100	98	2,003	SH	SOLE	1	2,003	0	0
BYLINE BANCORP INC	COM	124411109	143	13,792	SH	SOLE	1	13,792	0	0
C & F FINANCIAL CORP	COM	12466Q104	80	1,999	SH	SOLE	1	1,999	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	14,800	223,562	SH	SOLE	1	223,562	0	0
CABALETTA BIO INC	COM	12674W109	29	3,936	SH	SOLE	1	3,936	0	0
CABLE ONE INC	COM	12685J105	16,141	9,818	SH	SOLE	1	9,818	0	0
CABOT CORP	COM	127055101	2,902	111,103	SH	SOLE	1	111,103	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	8,384	73,451	SH	SOLE	1	73,451	0	0
CABOT OIL & GAS CORP	COM	127097103	2,839	165,183	SH	SOLE	1	165,183	0	0

CACI INTERNATIONAL INC CL A	CL A	127190304	10,310	48,827	SH	SOLE	1	48,827	0	0
CACTUS INC A	COM	127203107	323	27,876	SH	SOLE	1	27,876	0	0
CADENCE BANCORP	COM	12739A100	567	86,618	SH	SOLE	1	86,618	0	0
CADENCE DESIGN SYS INC	COM	127387108	7,654	115,893	SH	SOLE	1	115,893	0	0
CADIZ INC	COM	127537207	91	7,786	SH	SOLE	1	7,786	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	7,360	1,088,717	SH	SOLE	1	1,088,717	0	0
CAESARSTONE LTD	COM	M20598104	141	13,348	SH	SOLE	1	13,348	0	0
CAI INTERNATIONAL INC	COM	12477X106	137	9,722	SH	SOLE	1	9,722	0	0
CAL MAINE FOODS INC	COM	128030202	948	21,554	SH	SOLE	1	21,554	0	0
CALAMP CORP	COM	128126109	103	22,920	SH	SOLE	1	22,920	0	0
CALAVO GROWERS INC	COM	128246105	644	11,163	SH	SOLE	1	11,163	0	0
CALERES INC	COM	129500104	142	27,235	SH	SOLE	1	27,235	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	29	28,618	SH	SOLE	1	28,618	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,664	33,076	SH	SOLE	1	33,076	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	146	32,983	SH	SOLE	1	32,983	0	0
CALIX INC	COM	13100M509	196	27,659	SH	SOLE	1	27,659	0	0
CALLAWAY GOLF COMPANY	COM	131193104	658	64,359	SH	SOLE	1	64,359	0	0
CALLON PETROLEUM CO	COM	13123X102	145	264,976	SH	SOLE	1	264,976	0	0
CALYXT INC	COM	13173L107	18	5,520	SH	SOLE	1	5,520	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	18	3,270	SH	SOLE	1	3,270	0	0
CAMBRIDGE BANCORP	COM	132152109	148	2,837	SH	SOLE	1	2,837	0	0
CAMDEN NATIONAL CORP	COM	133034108	280	8,888	SH	SOLE	1	8,888	0	0
CAMDEN PROPERTY TRUST	COM	133131102	15,069	190,175	SH	SOLE	1	190,175	0	0
CAMPBELL SOUP CO	COM	134429109	3,811	82,569	SH	SOLE	1	82,569	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	111	19,493	SH	SOLE	1	19,493	0	0
CANNAE HOLDINGS INC	COM	13765N107	2,476	73,920	SH	SOLE	1	73,920	0	0
CANTEL MEDICAL CORP	COM	138098108	2,628	73,209	SH	SOLE	1	73,209	0	0
CAPITAL BANCORP INC/MD	COM	139737100	60	4,769	SH	SOLE	1	4,769	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	160	7,952	SH	SOLE	1	7,952	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	7,605	150,832	SH	SOLE	1	150,832	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	908	78,194	SH	SOLE	1	78,194	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	572	53,054	SH	SOLE	1	53,054	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	85	8,643	SH	SOLE	1	8,643	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	271	64,428	SH	SOLE	1	64,428	0	0
CARA THERAPEUTICS INC	COM	140755109	311	23,572	SH	SOLE	1	23,572	0	0
CARDINAL HEALTH INC	COM	14149Y108	232,517	4,850,164	SH	SOLE	1	4,850,164	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	839	23,817	SH	SOLE	1	23,817	0	0
CARDLYTICS INC	COM	14161W105	296	8,475	SH	SOLE	1	8,475	0	0
CARDTRONICS PLC A	COM	G1991C105	528	25,234	SH	SOLE	1	25,234	0	0
CAREDX INC	COM	14167L103	531	24,345	SH	SOLE	1	24,345	0	0
CARETRUST REIT INC	COM	14174T107	1,078	72,916	SH	SOLE	1	72,916	0	0
CARGURUS INC	COM	141788109	841	44,387	SH	SOLE	1	44,387	0	0
CARLISLE COS INC	COM	142339100	13,881	110,800	SH	SOLE	1	110,800	0	0
CARMAX INC	COM	143130102	3,303	61,365	SH	SOLE	1	61,365	0	0

CARNIVAL CORP	COM	143658300	1,709	129,728	SH	SOLE	1	129,728	0	0
CAROLINA FINANCIAL CORP	COM	143873107	358	13,838	SH	SOLE	1	13,838	0	0
CARPENTER TECHNOLOGY	COM	144285103	2,343	120,168	SH	SOLE	1	120,168	0	0
CARRIAGE SERVICES INC	COM	143905107	157	9,724	SH	SOLE	1	9,724	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	38	20,668	SH	SOLE	1	20,668	0	0
CARS.COM INC	COM	14575E105	171	39,714	SH	SOLE	1	39,714	0	0
CARTER BANK & TRUST	COM	146102108	123	13,407	SH	SOLE	1	13,407	0	0
CARTER S INC	COM	146229109	5,666	86,205	SH	SOLE	1	86,205	0	0
CARVANA CO	COM	146869102	57	1,026	SH	SOLE	1	1,026	0	0
CASA SYSTEMS INC	COM	14713L102	66	18,741	SH	SOLE	1	18,741	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,060	27,148	SH	SOLE	1	27,148	0	0
CASEY S GENERAL STORES INC	COM	147528103	9,511	71,788	SH	SOLE	1	71,788	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	61	29,851	SH	SOLE	1	29,851	0	0
CASPER SLEEP INC	COM	147626105	17	3,992	SH	SOLE	1	3,992	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	293	8,337	SH	SOLE	1	8,337	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	167	5,610	SH	SOLE	1	5,610	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	44	60,343	SH	SOLE	1	60,343	0	0
CATALENT INC	COM	148806102	15,677	301,767	SH	SOLE	1	301,767	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	220	57,105	SH	SOLE	1	57,105	0	0
CATASYS INC	COM	149049504	65	4,266	SH	SOLE	1	4,266	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	210	29,025	SH	SOLE	1	29,025	0	0
CATERPILLAR INC	COM	149123101	250,472	2,158,495	SH	SOLE	1	2,158,495	0	0
CATHAY GENERAL BANCORP	COM	149150104	4,403	191,840	SH	SOLE	1	191,840	0	0
CATO CORP CLASS A	COM	149205106	162	15,211	SH	SOLE	1	15,211	0	0
CAVCO INDUSTRIES INC	COM	149568107	858	5,923	SH	SOLE	1	5,923	0	0
CBDMD INC	COM	12482W101	18	18,929	SH	SOLE	1	18,929	0	0
CBIZ INC	COM	124805102	635	30,376	SH	SOLE	1	30,376	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	23	116,996	SH	SOLE	1	116,996	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,936	44,097	SH	SOLE	1	44,097	0	0
CBRE GROUP INC A	COM	12504L109	4,414	117,047	SH	SOLE	1	117,047	0	0
CBTX INC	COM	12481V104	189	10,657	SH	SOLE	1	10,657	0	0
CDK GLOBAL INC	COM	12508E101	7,803	237,529	SH	SOLE	1	237,529	0	0
CDW CORP/DE	COM	12514G108	5,535	59,347	SH	SOLE	1	59,347	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	85	18,189	SH	SOLE	1	18,189	0	0
CEDAR REALTY TRUST INC	COM	150602209	55	59,008	SH	SOLE	1	59,008	0	0
CEL SCI CORP	COM	150837607	225	19,463	SH	SOLE	1	19,463	0	0
CELANESE CORP	COM	150870103	3,079	41,949	SH	SOLE	1	41,949	0	0
CELCUITY INC	COM	15102K100	23	3,483	SH	SOLE	1	3,483	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	113	7,163	SH	SOLE	1	7,163	0	0
CELSIUS HOLDINGS INC	COM	15118V207	75	17,880	SH	SOLE	1	17,880	0	0
CENTENE CORP	COM	15135B101	15,607	262,695	SH	SOLE	1	262,695	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	1	3,101	SH	SOLE	1	3,101	0	0
CENTERPOINT ENERGY INC	COM	15189T107	3,161	204,567	SH	SOLE	1	204,567	0	0

CENTERSTATE BANK CORP	COM	15201P109	1,230	71,384	SH	SOLE	1	71,384	0	0
CENTOGENE NV	COM	N1976T109	22	1,110	SH	SOLE	1	1,110	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	164	52,498	SH	SOLE	1	52,498	0	0
CENTRAL GARDEN & PET CO	COM	153527106	187	6,800	SH	SOLE	1	6,800	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	710	27,785	SH	SOLE	1	27,785	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	303	19,044	SH	SOLE	1	19,044	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	86	6,591	SH	SOLE	1	6,591	0	0
CENTRIC BRANDS INC	COM	15644G104	11	9,889	SH	SOLE	1	9,889	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	125	34,502	SH	SOLE	1	34,502	0	0
CENTURY BANCORP INC CL A	CL A	156432106	105	1,679	SH	SOLE	1	1,679	0	0
CENTURY CASINOS INC	COM	156492100	39	16,134	SH	SOLE	1	16,134	0	0
CENTURY COMMUNITIES INC	COM	156504300	285	19,657	SH	SOLE	1	19,657	0	0
CENTURYLINK INC	COM	156700106	168,287	17,789,360	SH	SOLE	1	17,789,360	0	0
CERECOR INC	COM	15671L109	33	13,490	SH	SOLE	1	13,490	0	0
CERENCE INC	COM	156727109	9	593	SH	SOLE	1	593	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	9,859	196,905	SH	SOLE	1	196,905	0	0
CERNER CORP	COM	156782104	9,020	143,198	SH	SOLE	1	143,198	0	0
CERUS CORP	COM	157085101	432	92,947	SH	SOLE	1	92,947	0	0
CEVA INC	COM	157210105	373	14,963	SH	SOLE	1	14,963	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	2,090	76,836	SH	SOLE	1	76,836	0	0
CHANGE HEALTHCARE INC	COM	15912K100	44	4,402	SH	SOLE	1	4,402	0	0
CHANNELADVISOR CORP	COM	159179100	115	15,805	SH	SOLE	1	15,805	0	0
CHAPARRAL ENERGY INC CLASS A	COM	15942R208	9	18,390	SH	SOLE	1	18,390	0	0
CHARAH SOLUTIONS INC	COM	15957P105	9	5,510	SH	SOLE	1	5,510	0	0
CHARLES RIVER LABORATORIES	COM	159864107	12,058	95,541	SH	SOLE	1	95,541	0	0
CHART INDUSTRIES INC	COM	16115Q308	717	24,755	SH	SOLE	1	24,755	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	28,217	64,673	SH	SOLE	1	64,673	0	0
CHASE CORP	COM	16150R104	356	4,332	SH	SOLE	1	4,332	0	0
CHATHAM LODGING TRUST	COM	16208T102	188	31,667	SH	SOLE	1	31,667	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,819	28,038	SH	SOLE	1	28,038	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	31	20,853	SH	SOLE	1	20,853	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	1,777	104,036	SH	SOLE	1	104,036	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	170	16,905	SH	SOLE	1	16,905	0	0
CHEGG INC	COM	163092109	2,508	70,106	SH	SOLE	1	70,106	0	0
CHEMED CORP	COM	16359R103	13,564	31,312	SH	SOLE	1	31,312	0	0
CHEMOCENTRYX INC	COM	16383L106	969	24,119	SH	SOLE	1	24,119	0	0
CHEMOURS CO/THE	COM	163851108	2,828	318,842	SH	SOLE	1	318,842	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	70	2,125	SH	SOLE	1	2,125	0	0
CHENIERE ENERGY INC	COM	16411R208	154	4,609	SH	SOLE	1	4,609	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	58	9,286	SH	SOLE	1	9,286	0	0
CHESAPEAKE ENERGY	COM	165167107	4	21,222	SH	SOLE	1	21,222	0	0

CORP										
CHESAPEAKE UTILITIES CORP	COM	165303108	811	9,461	SH	SOLE	1	9,461	0	0
CHEVRON CORP	COM	166764100	213,702	2,949,244	SH	SOLE	1	2,949,244	0	0
CHIASMA INC	COM	16706W102	74	20,279	SH	SOLE	1	20,279	0	0
CHICO S FAS INC	COM	168615102	104	80,478	SH	SOLE	1	80,478	0	0
CHILDREN S PLACE INC/THE	COM	168905107	197	10,073	SH	SOLE	1	10,073	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	28	3,032	SH	SOLE	1	3,032	0	0
CHIMERIX INC	COM	16934W106	41	28,378	SH	SOLE	1	28,378	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	5,920	9,047	SH	SOLE	1	9,047	0	0
CHOICE HOTELS INTL INC	COM	169905106	3,802	62,070	SH	SOLE	1	62,070	0	0
CHROMADEX CORP	COM	171077407	79	24,284	SH	SOLE	1	24,284	0	0
CHUBB LTD	COM	H1467J104	20,274	181,516	SH	SOLE	1	181,516	0	0
CHURCH & DWIGHT CO INC	COM	171340102	5,521	86,021	SH	SOLE	1	86,021	0	0
CHURCHILL DOWNS INC	COM	171484108	9,200	89,364	SH	SOLE	1	89,364	0	0
CHUY S HOLDINGS INC	COM	171604101	115	11,412	SH	SOLE	1	11,412	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	10	1,326	SH	SOLE	1	1,326	0	0
CIENA CORP	COM	171779309	12,009	301,646	SH	SOLE	1	301,646	0	0
CIGNA CORP	COM	125523100	21,428	120,938	SH	SOLE	1	120,938	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	78	7,025	SH	SOLE	1	7,025	0	0
CIMAREX ENERGY CO	COM	171798101	3,341	198,511	SH	SOLE	1	198,511	0	0
CIMPRESS PLC	SHS EURO	G2143T103	589	11,076	SH	SOLE	1	11,076	0	0
CINCINNATI BELL INC	COM	171871502	501	34,196	SH	SOLE	1	34,196	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	3,937	52,185	SH	SOLE	1	52,185	0	0
CINEMARK HOLDINGS INC	COM	17243V102	2,118	207,896	SH	SOLE	1	207,896	0	0
CINTAS CORP	COM	172908105	6,438	37,169	SH	SOLE	1	37,169	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	157	13,466	SH	SOLE	1	13,466	0	0
CIRRUS LOGIC INC	COM	172755100	9,600	146,270	SH	SOLE	1	146,270	0	0
CISCO SYSTEMS INC	COM	17275R102	280,859	7,144,728	SH	SOLE	1	7,144,728	0	0
CIT GROUP INC	COM	125581801	3,189	184,768	SH	SOLE	1	184,768	0	0
CITI TRENDS INC	COM	17306X102	57	6,455	SH	SOLE	1	6,455	0	0
CITIGROUP INC	COM	172967424	29,781	707,061	SH	SOLE	1	707,061	0	0
CITIZENS & NORTHERN CORP	COM	172922106	142	7,101	SH	SOLE	1	7,101	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	3,861	205,248	SH	SOLE	1	205,248	0	0
CITIZENS INC	COM	174740100	191	29,285	SH	SOLE	1	29,285	0	0
CITRIX SYSTEMS INC	COM	177376100	7,418	52,404	SH	SOLE	1	52,404	0	0
CITY HOLDING CO	COM	177835105	731	10,981	SH	SOLE	1	10,981	0	0
CITY OFFICE REIT INC	COM	178587101	228	31,585	SH	SOLE	1	31,585	0	0
CIVISTA BANCSHARES INC	COM	178867107	136	9,080	SH	SOLE	1	9,080	0	0
CLARUS CORP	COM	18270P109	136	13,873	SH	SOLE	1	13,873	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	142	79,532	SH	SOLE	1	79,532	0	0
CLEAN HARBORS INC	COM	184496107	5,141	100,130	SH	SOLE	1	100,130	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	19	28,927	SH	SOLE	1	28,927	0	0
CLEARFIELD INC	COM	18482P103	79	6,630	SH	SOLE	1	6,630	0	0
CLEARWATER PAPER CORP	COM	18538R103	241	11,046	SH	SOLE	1	11,046	0	0
CLEARWAY ENERGY INC A	COM	18539C105	354	20,638	SH	SOLE	1	20,638	0	0
CLEARWAY ENERGY	COM	18539C204	882	46,889	SH	SOLE	1	46,889	0	0

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CLEVELAND CLIFFS INC	COM	185899101	1,073	271,747	SH	SOLE	1	271,747	0	0
CLIPPER REALTY INC	COM	18885T306	120	23,191	SH	SOLE	1	23,191	0	0
CLOROX COMPANY	COM	189054109	23,296	134,462	SH	SOLE	1	134,462	0	0
CLOUDERA INC	COM	18914U100	1,152	146,370	SH	SOLE	1	146,370	0	0
CLOVIS ONCOLOGY INC	COM	189464100	190	29,804	SH	SOLE	1	29,804	0	0
CME GROUP INC	COM	12572Q105	24,529	141,862	SH	SOLE	1	141,862	0	0
CMS ENERGY CORP	COM	125896100	7,460	126,974	SH	SOLE	1	126,974	0	0
CNA FINANCIAL CORP	COM	126117100	14	459	SH	SOLE	1	459	0	0
CNB FINANCIAL CORP/PA	COM	126128107	162	8,595	SH	SOLE	1	8,595	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	4,709	380,035	SH	SOLE	1	380,035	0	0
CNX RESOURCES CORP	COM	12653C108	2,507	471,208	SH	SOLE	1	471,208	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	48	4,594	SH	SOLE	1	4,594	0	0
COCA COLA CO/THE	COM	191216100	66,666	1,506,565	SH	SOLE	1	1,506,565	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	673	3,227	SH	SOLE	1	3,227	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,221	32,539	SH	SOLE	1	32,539	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	20	3,516	SH	SOLE	1	3,516	0	0
CODEXIS INC	COM	192005106	349	31,297	SH	SOLE	1	31,297	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	90	5,581	SH	SOLE	1	5,581	0	0
COEUR MINING INC	COM	192108504	453	141,030	SH	SOLE	1	141,030	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,387	29,116	SH	SOLE	1	29,116	0	0
COGNEX CORP	COM	192422103	14,110	334,212	SH	SOLE	1	334,212	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	10,803	232,463	SH	SOLE	1	232,463	0	0
COHEN & STEERS INC	COM	19247A100	613	13,484	SH	SOLE	1	13,484	0	0
COHERENT INC	COM	192479103	5,012	47,097	SH	SOLE	1	47,097	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	601	37,043	SH	SOLE	1	37,043	0	0
COHU INC	COM	192576106	344	27,789	SH	SOLE	1	27,789	0	0
COLFAX CORP	COM	194014106	3,231	163,192	SH	SOLE	1	163,192	0	0
COLGATE PALMOLIVE CO	COM	194162103	22,669	341,609	SH	SOLE	1	341,609	0	0
COLLECTORS UNIVERSE	COM	19421R200	83	5,314	SH	SOLE	1	5,314	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	311	19,026	SH	SOLE	1	19,026	0	0
COLONY BANKCORP	COM	19623P101	55	4,398	SH	SOLE	1	4,398	0	0
COLONY CAPITAL INC	COM	19626G108	14	7,948	SH	SOLE	1	7,948	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	189	47,898	SH	SOLE	1	47,898	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,329	49,596	SH	SOLE	1	49,596	0	0
COLUMBIA FINANCIAL INC	COM	197641103	444	30,860	SH	SOLE	1	30,860	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	115	9,161	SH	SOLE	1	9,161	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,960	56,757	SH	SOLE	1	56,757	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	341	13,643	SH	SOLE	1	13,643	0	0
COMCAST CORP CLASS A	COM	20030N101	62,037	1,804,461	SH	SOLE	1	1,804,461	0	0
COMERICA INC	COM	200340107	1,605	54,688	SH	SOLE	1	54,688	0	0
COMFORT SYSTEMS USA INC	COM	199908104	916	25,049	SH	SOLE	1	25,049	0	0
COMMERCE BANCSHARES INC	COM	200525103	10,181	202,211	SH	SOLE	1	202,211	0	0

COMMERCIAL METALS CO	COM	201723103	4,725	299,264	SH	SOLE	1	299,264	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	27	17,980	SH	SOLE	1	17,980	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	28	3,108	SH	SOLE	1	3,108	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,062	35,062	SH	SOLE	1	35,062	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	63	12,937	SH	SOLE	1	12,937	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	64	2,897	SH	SOLE	1	2,897	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	208	62,298	SH	SOLE	1	62,298	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	509	13,309	SH	SOLE	1	13,309	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	291	9,158	SH	SOLE	1	9,158	0	0
COMMVAULT SYSTEMS INC	COM	204166102	4,293	106,043	SH	SOLE	1	106,043	0	0
COMPASS MINERALS INTERNATIONAL	COM	20451N101	3,298	85,726	SH	SOLE	1	85,726	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	194	8,717	SH	SOLE	1	8,717	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	977	SH	SOLE	1	977	0	0
COMSCORE INC	COM	20564W105	82	28,985	SH	SOLE	1	28,985	0	0
COMSTOCK RESOURCES INC	COM	205768302	49	9,170	SH	SOLE	1	9,170	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	218	16,384	SH	SOLE	1	16,384	0	0
CONAGRA BRANDS INC	COM	205887102	4,855	165,470	SH	SOLE	1	165,470	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	140	15,850	SH	SOLE	1	15,850	0	0
CONCHO RESOURCES INC	COM	20605P101	3,419	79,784	SH	SOLE	1	79,784	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	45	15,692	SH	SOLE	1	15,692	0	0
CONDUENT INC	COM	206787103	251	102,461	SH	SOLE	1	102,461	0	0
CONFORMIS INC	COM	20717E101	24	38,267	SH	SOLE	1	38,267	0	0
CONMED CORP	COM	207410101	1,079	18,848	SH	SOLE	1	18,848	0	0
CONN S INC	COM	208242107	52	12,514	SH	SOLE	1	12,514	0	0
CONNECTONE BANCORP INC	COM	20786W107	270	20,100	SH	SOLE	1	20,100	0	0
CONOCOPHILLIPS	COM	20825C104	14,017	455,107	SH	SOLE	1	455,107	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	131	2,896	SH	SOLE	1	2,896	0	0
CONSOL ENERGY INC	COM	20854L108	66	17,755	SH	SOLE	1	17,755	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	221	48,641	SH	SOLE	1	48,641	0	0
CONSOLIDATED EDISON INC	COM	209115104	14,089	180,632	SH	SOLE	1	180,632	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	140	8,539	SH	SOLE	1	8,539	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	7,777	54,246	SH	SOLE	1	54,246	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	352	11,190	SH	SOLE	1	11,190	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	187	11,059	SH	SOLE	1	11,059	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	22	9,417	SH	SOLE	1	9,417	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	11	1,395	SH	SOLE	1	1,395	0	0
CONTURA ENERGY INC	COM	21241B100	25	10,733	SH	SOLE	1	10,733	0	0
COOPER COS INC/THE	COM	216648402	5,635	20,442	SH	SOLE	1	20,442	0	0

COOPER STANDARD HOLDING	COM	21676P103	119	11,541	SH	SOLE	1	11,541	0	0
COOPER TIRE & RUBBER	COM	216831107	564	34,579	SH	SOLE	1	34,579	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	23	510	SH	SOLE	1	510	0	0
COPART INC	COM	217204106	5,900	86,110	SH	SOLE	1	86,110	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	204	38,974	SH	SOLE	1	38,974	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	791	66,534	SH	SOLE	1	66,534	0	0
CORE LABORATORIES N.V.	COM	N22717107	887	85,814	SH	SOLE	1	85,814	0	0
CORE MARK HOLDING CO INC	COM	218681104	891	31,188	SH	SOLE	1	31,188	0	0
CORECIVIC INC	COM	21871N101	3,361	300,854	SH	SOLE	1	300,854	0	0
CORELOGIC INC	COM	21871D103	4,737	155,095	SH	SOLE	1	155,095	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	140	7,619	SH	SOLE	1	7,619	0	0
COREPOINT LODGING INC	COM	21872L104	93	23,677	SH	SOLE	1	23,677	0	0
CORESITE REALTY CORP	COM	21870Q105	8,692	74,992	SH	SOLE	1	74,992	0	0
CORMEDIX INC	COM	21900C308	54	15,035	SH	SOLE	1	15,035	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	124	27,222	SH	SOLE	1	27,222	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,071	33,729	SH	SOLE	1	33,729	0	0
CORNING INC	COM	219350105	5,674	276,243	SH	SOLE	1	276,243	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	4,836	218,525	SH	SOLE	1	218,525	0	0
CORTEVA INC	COM	22052L104	5,983	254,610	SH	SOLE	1	254,610	0	0
CORTEXYME INC	COM	22053A107	307	6,737	SH	SOLE	1	6,737	0	0
CORVEL CORP	COM	221006109	332	6,093	SH	SOLE	1	6,093	0	0
COSTAMARE INC	COM	Y1771G102	138	30,580	SH	SOLE	1	30,580	0	0
COSTAR GROUP INC	COM	22160N109	1,760	2,998	SH	SOLE	1	2,998	0	0
COSTCO WHOLESALE CORP	COM	22160K105	48,819	171,216	SH	SOLE	1	171,216	0	0
COTY INC CL A	CL A	222070203	627	121,461	SH	SOLE	1	121,461	0	0
COUPA SOFTWARE INC	COM	22266L106	202	1,447	SH	SOLE	1	1,447	0	0
COUSINS PROPERTIES INC	COM	222795502	11,538	394,186	SH	SOLE	1	394,186	0	0
COVANTA HOLDING CORP	COM	22282E102	597	69,865	SH	SOLE	1	69,865	0	0
COVENANT TRANSPORT GRP CL A	CL A	22284P105	65	7,467	SH	SOLE	1	7,467	0	0
COVETRUS INC	COM	22304C100	89	10,927	SH	SOLE	1	10,927	0	0
COVIA HOLDINGS CORP	COM	22305A103	14	24,626	SH	SOLE	1	24,626	0	0
COWEN INC A	COM	223622606	161	16,707	SH	SOLE	1	16,707	0	0
CRA INTERNATIONAL INC	COM	12618T105	149	4,463	SH	SOLE	1	4,463	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	5,056	60,760	SH	SOLE	1	60,760	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	102	6,865	SH	SOLE	1	6,865	0	0
CRANE CO	COM	224399105	4,889	99,407	SH	SOLE	1	99,407	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	69	9,639	SH	SOLE	1	9,639	0	0
CREDICORP LTD	COM	G2519Y108	101	707	SH	SOLE	1	707	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	57	222	SH	SOLE	1	222	0	0
CREE INC	COM	225447101	7,450	210,098	SH	SOLE	1	210,098	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	96	6,537	SH	SOLE	1	6,537	0	0
CROCS INC	COM	227046109	806	47,431	SH	SOLE	1	47,431	0	0

CROSS COUNTRY HEALTHCARE INC	COM	227483104	166	24,688	SH	SOLE	1	24,688	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	236	28,052	SH	SOLE	1	28,052	0	0
CROWN CASTLE INTL CORP	COM	22822V101	23,016	159,391	SH	SOLE	1	159,391	0	0
CROWN HOLDINGS INC	COM	228368106	151	2,604	SH	SOLE	1	2,604	0	0
CRYOLIFE INC	COM	228903100	426	25,177	SH	SOLE	1	25,177	0	0
CRYOPORT INC	COM	229050307	318	18,656	SH	SOLE	1	18,656	0	0
CSG SYSTEMS INTL INC	COM	126349109	947	22,632	SH	SOLE	1	22,632	0	0
CSW INDUSTRIALS INC	COM	126402106	571	8,801	SH	SOLE	1	8,801	0	0
CSX CORP	COM	126408103	19,392	338,435	SH	SOLE	1	338,435	0	0
CTS CORP	COM	126501105	557	22,365	SH	SOLE	1	22,365	0	0
CUBESMART	COM	229663109	215	8,009	SH	SOLE	1	8,009	0	0
CUBIC CORP	COM	229669106	889	21,509	SH	SOLE	1	21,509	0	0
CUE BIOPHARMA INC	COM	22978P106	168	11,817	SH	SOLE	1	11,817	0	0
CULLEN/FROST BANKERS INC	COM	229899109	6,194	111,020	SH	SOLE	1	111,020	0	0
CULP INC	COM	230215105	48	6,527	SH	SOLE	1	6,527	0	0
CUMMINS INC	COM	231021106	207,070	1,530,225	SH	SOLE	1	1,530,225	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	46	8,517	SH	SOLE	1	8,517	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	49	9,202	SH	SOLE	1	9,202	0	0
CURTISS WRIGHT CORP	COM	231561101	7,693	83,246	SH	SOLE	1	83,246	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	783	66,708	SH	SOLE	1	66,708	0	0
CUSTOMERS BANCORP INC	COM	23204G100	214	19,550	SH	SOLE	1	19,550	0	0
CUTERA INC	COM	232109108	126	9,665	SH	SOLE	1	9,665	0	0
CVB FINANCIAL CORP	COM	126600105	1,841	91,816	SH	SOLE	1	91,816	0	0
CVR ENERGY INC	COM	12662P108	290	17,517	SH	SOLE	1	17,517	0	0
CVS HEALTH CORP	COM	126650100	38,043	641,209	SH	SOLE	1	641,209	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	362	4,236	SH	SOLE	1	4,236	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	37	13,978	SH	SOLE	1	13,978	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	60	40,777	SH	SOLE	1	40,777	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	16,795	720,193	SH	SOLE	1	720,193	0	0
CYRUSONE INC	COM	23283R100	13,778	223,133	SH	SOLE	1	223,133	0	0
CYTOKINETICS INC	COM	23282W605	455	38,621	SH	SOLE	1	38,621	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	204	26,654	SH	SOLE	1	26,654	0	0
CYTOSORBENTS CORP	COM	23283X206	140	18,125	SH	SOLE	1	18,125	0	0
DAILY JOURNAL CORP	COM	233912104	153	671	SH	SOLE	1	671	0	0
DAKTRONICS INC	COM	234264109	125	25,285	SH	SOLE	1	25,285	0	0
DANA INC	COM	235825205	2,842	363,860	SH	SOLE	1	363,860	0	0
DANAHER CORP	COM	235851102	35,694	257,883	SH	SOLE	1	257,883	0	0
DARDEN RESTAURANTS INC	COM	237194105	2,907	53,379	SH	SOLE	1	53,379	0	0
DARLING INGREDIENTS INC	COM	237266101	7,933	413,825	SH	SOLE	1	413,825	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	20	4,659	SH	SOLE	1	4,659	0	0
DASEKE INC	COM	23753F107	38	27,069	SH	SOLE	1	27,069	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	278	21,225	SH	SOLE	1	21,225	0	0
DAVITA INC	COM	23918K108	3,180	41,807	SH	SOLE	1	41,807	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	511	12,415	SH	SOLE	1	12,415	0	0
DECKERS OUTDOOR CORP	COM	243537107	9,479	70,736	SH	SOLE	1	70,736	0	0

DEERE & CO	COM	244199105	16,446	119,037	SH	SOLE	1	119,037	0	0
DEL TACO RESTAURANTS INC	COM	245496104	59	17,085	SH	SOLE	1	17,085	0	0
DELEK US HOLDINGS INC	COM	24665A103	691	43,815	SH	SOLE	1	43,815	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	1,340	166,448	SH	SOLE	1	166,448	0	0
DELTA AIR LINES INC	COM	247361702	7,633	267,537	SH	SOLE	1	267,537	0	0
DELTA APPAREL INC	COM	247368103	38	3,657	SH	SOLE	1	3,657	0	0
DELUXE CORP	COM	248019101	3,316	127,876	SH	SOLE	1	127,876	0	0
DENALI THERAPEUTICS INC	COM	24823R105	540	30,865	SH	SOLE	1	30,865	0	0
DENBURY RESOURCES INC	COM	247916208	61	332,459	SH	SOLE	1	332,459	0	0
DENNY S CORP	COM	24869P104	263	34,294	SH	SOLE	1	34,294	0	0
DENTSPLY SIRONA INC	COM	24906P109	3,453	88,934	SH	SOLE	1	88,934	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	207	41,604	SH	SOLE	1	41,604	0	0
DEVON ENERGY CORP	COM	25179M103	1,171	169,393	SH	SOLE	1	169,393	0	0
DEXCOM INC	COM	252131107	555	2,060	SH	SOLE	1	2,060	0	0
DHI GROUP INC	COM	23331S100	64	29,650	SH	SOLE	1	29,650	0	0
DHT HOLDINGS INC	COM	Y2065G121	502	65,497	SH	SOLE	1	65,497	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	168	1,860	SH	SOLE	1	1,860	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	82	44,625	SH	SOLE	1	44,625	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	189	15,987	SH	SOLE	1	15,987	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	1,736	66,271	SH	SOLE	1	66,271	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	772	151,982	SH	SOLE	1	151,982	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	581	31,629	SH	SOLE	1	31,629	0	0
DICK S SPORTING GOODS INC	COM	253393102	2,636	123,985	SH	SOLE	1	123,985	0	0
DIEBOLD NIXDORF INC	COM	253651103	186	52,825	SH	SOLE	1	52,825	0	0
DIGI INTERNATIONAL INC	COM	253798102	187	19,634	SH	SOLE	1	19,634	0	0
DIGIMARC CORP	COM	25381B101	91	6,939	SH	SOLE	1	6,939	0	0
DIGITAL REALTY TRUST INC	COM	253868103	13,431	96,691	SH	SOLE	1	96,691	0	0
DIGITAL TURBINE INC	COM	25400W102	200	46,452	SH	SOLE	1	46,452	0	0
DILLARDS INC CL A	CL A	254067101	920	24,896	SH	SOLE	1	24,896	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	291	21,258	SH	SOLE	1	21,258	0	0
DINE BRANDS GLOBAL INC	COM	254423106	317	11,067	SH	SOLE	1	11,067	0	0
DIODES INC	COM	254543101	1,160	28,557	SH	SOLE	1	28,557	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	4,444	124,583	SH	SOLE	1	124,583	0	0
DISCOVERY INC A	COM	25470F104	2,519	129,565	SH	SOLE	1	129,565	0	0
DISCOVERY INC C	COM	25470F302	2,002	114,128	SH	SOLE	1	114,128	0	0
DISH NETWORK CORP A	COM	25470M109	2,624	131,251	SH	SOLE	1	131,251	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	2,179	600,227	SH	SOLE	1	600,227	0	0
DMC GLOBAL INC	COM	23291C103	225	9,762	SH	SOLE	1	9,762	0	0
DOCUSIGN INC	COM	256163106	332	3,597	SH	SOLE	1	3,597	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	58	1,076	SH	SOLE	1	1,076	0	0
DOLLAR GENERAL CORP	COM	256677105	15,709	104,029	SH	SOLE	1	104,029	0	0
DOLLAR TREE INC	COM	256746108	8,130	110,661	SH	SOLE	1	110,661	0	0
DOMINION ENERGY INC	COM	25746U109	20,951	290,215	SH	SOLE	1	290,215	0	0

DOMINO S PIZZA INC	COM	25754A201	24,535	75,708	SH	SOLE	1	75,708	0	0
DOMO INC CLASS B	COM	257554105	105	10,575	SH	SOLE	1	10,575	0	0
DOMTAR CORP	COM	257559203	2,417	111,682	SH	SOLE	1	111,682	0	0
DONALDSON CO INC	COM	257651109	9,565	247,617	SH	SOLE	1	247,617	0	0
DONEGAL GROUP INC CL A	CL A	257701201	93	6,114	SH	SOLE	1	6,114	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	113	21,449	SH	SOLE	1	21,449	0	0
DORIAN LPG LTD	COM	Y2106R110	164	18,831	SH	SOLE	1	18,831	0	0
DORMAN PRODUCTS INC	COM	258278100	1,036	18,753	SH	SOLE	1	18,753	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	471	13,264	SH	SOLE	1	13,264	0	0
DOUGLAS EMMETT INC	COM	25960P109	9,913	324,902	SH	SOLE	1	324,902	0	0
DOVER CORP	COM	260003108	4,233	50,428	SH	SOLE	1	50,428	0	0
DOW INC	COM	260557103	154,336	5,278,258	SH	SOLE	1	5,278,258	0	0
DR HORTON INC	COM	23331A109	4,245	124,839	SH	SOLE	1	124,839	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	25	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	759	24,895	SH	SOLE	1	24,895	0	0
DRIVE SHACK INC	COM	262077100	54	35,777	SH	SOLE	1	35,777	0	0
DROPBOX INC CLASS A	COM	26210C104	87	4,810	SH	SOLE	1	4,810	0	0
DSP GROUP INC	COM	23332B106	205	15,265	SH	SOLE	1	15,265	0	0
DTE ENERGY COMPANY	COM	233331107	6,195	65,235	SH	SOLE	1	65,235	0	0
DUCOMMUN INC	COM	264147109	158	6,353	SH	SOLE	1	6,353	0	0
DUKE ENERGY CORP	COM	26441C204	19,096	236,109	SH	SOLE	1	236,109	0	0
DUKE REALTY CORP	COM	264411505	4,238	130,886	SH	SOLE	1	130,886	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	25	6,357	SH	SOLE	1	6,357	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	8,605	162,046	SH	SOLE	1	162,046	0	0
DUPONT DE NEMOURS INC	COM	26614N102	9,904	290,438	SH	SOLE	1	290,438	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,891	144,870	SH	SOLE	1	144,870	0	0
DXP ENTERPRISES INC	COM	233377407	137	11,163	SH	SOLE	1	11,163	0	0
DYCOM INDUSTRIES INC	COM	267475101	2,025	78,963	SH	SOLE	1	78,963	0	0
DYNATRACE INC	COM	268150109	67	2,797	SH	SOLE	1	2,797	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	174	49,336	SH	SOLE	1	49,336	0	0
DYNEX CAPITAL INC	COM	26817Q886	138	13,243	SH	SOLE	1	13,243	0	0
E TRADE FINANCIAL CORP	COM	269246401	2,954	86,066	SH	SOLE	1	86,066	0	0
EAGLE BANCORP INC	COM	268948106	677	22,403	SH	SOLE	1	22,403	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	48	26,204	SH	SOLE	1	26,204	0	0
EAGLE MATERIALS INC	COM	26969P108	4,756	81,410	SH	SOLE	1	81,410	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	293	6,360	SH	SOLE	1	6,360	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	21	11,708	SH	SOLE	1	11,708	0	0
EAST WEST BANCORP INC	COM	27579R104	7,310	283,977	SH	SOLE	1	283,977	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,420	57,643	SH	SOLE	1	57,643	0	0
EASTERN CO/THE	COM	276317104	62	3,200	SH	SOLE	1	3,200	0	0
EASTGROUP PROPERTIES INC	COM	277276101	10,138	97,035	SH	SOLE	1	97,035	0	0
EASTMAN CHEMICAL CO	COM	277432100	3,010	64,626	SH	SOLE	1	64,626	0	0
EATON CORP PLC	COM	G29183103	23,950	308,276	SH	SOLE	1	308,276	0	0
EATON VANCE CORP	COM	278265103	7,112	220,533	SH	SOLE	1	220,533	0	0

EBAY INC	COM	278642103	11,858	394,480	SH	SOLE	1	394,480	0	0
EBIX INC	COM	278715206	241	15,907	SH	SOLE	1	15,907	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	316	18,487	SH	SOLE	1	18,487	0	0
ECHOSTAR CORP A	COM	278768106	26	802	SH	SOLE	1	802	0	0
ECOLAB INC	COM	278865100	15,373	98,650	SH	SOLE	1	98,650	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	3,295	136,832	SH	SOLE	1	136,832	0	0
EDISON INTERNATIONAL	COM	281020107	6,676	121,843	SH	SOLE	1	121,843	0	0
EDITAS MEDICINE INC	COM	28106W103	607	30,621	SH	SOLE	1	30,621	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	13,021	69,035	SH	SOLE	1	69,035	0	0
EGAIN CORP	COM	28225C806	89	12,191	SH	SOLE	1	12,191	0	0
EHEALTH INC	COM	28238P109	2,236	15,879	SH	SOLE	1	15,879	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	9,798	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	327	6,671	SH	SOLE	1	6,671	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	94	13,877	SH	SOLE	1	13,877	0	0
EL PASO ELECTRIC CO	COM	283677854	1,899	27,939	SH	SOLE	1	27,939	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	114	13,452	SH	SOLE	1	13,452	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	145	6,457	SH	SOLE	1	6,457	0	0
ELASTIC NV	COM	N14506104	69	1,229	SH	SOLE	1	1,229	0	0
ELDORADO RESORTS INC	COM	28470R102	2,381	165,335	SH	SOLE	1	165,335	0	0
ELECTROCORE INC	COM	28531P103	7	7,684	SH	SOLE	1	7,684	0	0
ELECTRONIC ARTS INC	COM	285512109	12,280	122,591	SH	SOLE	1	122,591	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	35	4,131	SH	SOLE	1	4,131	0	0
ELEVATE CREDIT INC	COM	28621V101	13	12,956	SH	SOLE	1	12,956	0	0
ELF BEAUTY INC	COM	26856L103	153	15,533	SH	SOLE	1	15,533	0	0
ELI LILLY & CO	COM	532457108	38,418	276,947	SH	SOLE	1	276,947	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	135	23,589	SH	SOLE	1	23,589	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	29	14,893	SH	SOLE	1	14,893	0	0
EMCOR GROUP INC	COM	29084Q100	10,073	164,272	SH	SOLE	1	164,272	0	0
EMERALD HOLDING INC	COM	29103W104	38	14,632	SH	SOLE	1	14,632	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,806	31,218	SH	SOLE	1	31,218	0	0
EMERSON ELECTRIC CO	COM	291011104	20,837	437,288	SH	SOLE	1	437,288	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	118	13,167	SH	SOLE	1	13,167	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	881	21,739	SH	SOLE	1	21,739	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	658	12,795	SH	SOLE	1	12,795	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	12,332	192,590	SH	SOLE	1	192,590	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	490	20,943	SH	SOLE	1	20,943	0	0
ENCORE WIRE CORP	COM	292562105	591	14,063	SH	SOLE	1	14,063	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	564	152,439	SH	SOLE	1	152,439	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	83	42,883	SH	SOLE	1	42,883	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	3,794	125,436	SH	SOLE	1	125,436	0	0
ENERGOUS CORP	COM	29272C103	13	17,103	SH	SOLE	1	17,103	0	0

ENERGY FUELS INC	COM	292671708	68	57,947	SH	SOLE	1	57,947	0	0
ENERGY RECOVERY INC	COM	29270J100	166	22,247	SH	SOLE	1	22,247	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	624	37,718	SH	SOLE	1	37,718	0	0
ENERSYS	COM	29275Y102	5,301	107,041	SH	SOLE	1	107,041	0	0
ENNIS INC	COM	293389102	283	15,093	SH	SOLE	1	15,093	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	24	8,152	SH	SOLE	1	8,152	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	323	22,311	SH	SOLE	1	22,311	0	0
ENPHASE ENERGY INC	COM	29355A107	1,756	54,373	SH	SOLE	1	54,373	0	0
ENPRO INDUSTRIES INC	COM	29355X107	561	14,172	SH	SOLE	1	14,172	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,307	34,761	SH	SOLE	1	34,761	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,083	6,807	SH	SOLE	1	6,807	0	0
ENTEGRIS INC	COM	29362U104	137	3,060	SH	SOLE	1	3,060	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	121	70,577	SH	SOLE	1	70,577	0	0
ENERGY CORP	COM	29364G103	6,364	67,721	SH	SOLE	1	67,721	0	0
ENTERPRISE BANCORP INC	COM	293668109	143	5,307	SH	SOLE	1	5,307	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	402	14,389	SH	SOLE	1	14,389	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	72	35,417	SH	SOLE	1	35,417	0	0
ENVESTNET INC	COM	29404K106	1,537	28,578	SH	SOLE	1	28,578	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	44	2,942	SH	SOLE	1	2,942	0	0
ENZO BIOCHEM INC	COM	294100102	66	26,124	SH	SOLE	1	26,124	0	0
EOG RESOURCES INC	COM	26875P101	8,964	249,558	SH	SOLE	1	249,558	0	0
EPAM SYSTEMS INC	COM	29414B104	219	1,179	SH	SOLE	1	1,179	0	0
EPIZYME INC	COM	29428V104	713	45,970	SH	SOLE	1	45,970	0	0
EPLUS INC	COM	294268107	576	9,197	SH	SOLE	1	9,197	0	0
EPR PROPERTIES	COM	26884U109	3,758	155,148	SH	SOLE	1	155,148	0	0
EQT CORP	COM	26884L109	3,524	498,508	SH	SOLE	1	498,508	0	0
EQUIFAX INC	COM	294429105	5,059	42,352	SH	SOLE	1	42,352	0	0
EQUINIX INC	COM	29444U700	19,514	31,244	SH	SOLE	1	31,244	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	98	6,750	SH	SOLE	1	6,750	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	2,000	397,557	SH	SOLE	1	397,557	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	152	8,801	SH	SOLE	1	8,801	0	0
EQUITY COMMONWEALTH	COM	294628102	62	1,959	SH	SOLE	1	1,959	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	348	6,048	SH	SOLE	1	6,048	0	0
EQUITY RESIDENTIAL	COM	29476L107	8,820	142,925	SH	SOLE	1	142,925	0	0
ERA GROUP INC	COM	26885G109	72	13,439	SH	SOLE	1	13,439	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	75	506	SH	SOLE	1	506	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	71	43,200	SH	SOLE	1	43,200	0	0
ESCALADE INC	COM	296056104	37	6,247	SH	SOLE	1	6,247	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,337	17,616	SH	SOLE	1	17,616	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	472	14,984	SH	SOLE	1	14,984	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	58	3,834	SH	SOLE	1	3,834	0	0
ESSA BANCORP INC	COM	29667D104	76	5,543	SH	SOLE	1	5,543	0	0
ESSENT GROUP LTD	COM	G3198U102	2,232	84,726	SH	SOLE	1	84,726	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	818	62,649	SH	SOLE	1	62,649	0	0

ESSENTIAL UTILITIES INC	COM	29670G102	17,131	420,914	SH	SOLE	1	420,914	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,000	22,703	SH	SOLE	1	22,703	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	13,797	86,587	SH	SOLE	1	86,587	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	166	16,207	SH	SOLE	1	16,207	0	0
ETSY INC	COM	29786A106	8,911	231,813	SH	SOLE	1	231,813	0	0
EURONET WORLDWIDE INC	COM	298736109	97	1,136	SH	SOLE	1	1,136	0	0
EVANS BANCORP INC	COM	29911Q208	68	2,795	SH	SOLE	1	2,795	0	0
EVELO BIOSCIENCES INC	COM	299734103	31	8,137	SH	SOLE	1	8,137	0	0
EVENTBRITE INC CLASS A	COM	29975E109	158	21,631	SH	SOLE	1	21,631	0	0
EVERBRIDGE INC	COM	29978A104	2,093	19,683	SH	SOLE	1	19,683	0	0
EVERCORE INC A	COM	29977A105	3,515	76,304	SH	SOLE	1	76,304	0	0
EVEREST RE GROUP LTD	COM	G3223R108	2,683	13,942	SH	SOLE	1	13,942	0	0
EVERGY INC	COM	30034W106	4,267	77,517	SH	SOLE	1	77,517	0	0
EVERI HOLDINGS INC	COM	30034T103	157	47,553	SH	SOLE	1	47,553	0	0
EVERQUOTE INC CLASS A	COM	30041R108	137	5,206	SH	SOLE	1	5,206	0	0
EVERSOURCE ENERGY	COM	30040W108	12,010	153,558	SH	SOLE	1	153,558	0	0
EVERTEC INC	COM	30040P103	946	41,629	SH	SOLE	1	41,629	0	0
EVI INDUSTRIES INC	COM	26929N102	43	2,725	SH	SOLE	1	2,725	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	362	23,656	SH	SOLE	1	23,656	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	45	8,376	SH	SOLE	1	8,376	0	0
EVOLENT HEALTH INC A	COM	30050B101	238	43,850	SH	SOLE	1	43,850	0	0
EVOLUS INC	COM	30052C107	45	10,938	SH	SOLE	1	10,938	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	42	16,089	SH	SOLE	1	16,089	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	504	44,949	SH	SOLE	1	44,949	0	0
EW SCRIPPS CO/THE A	COM	811054402	284	37,613	SH	SOLE	1	37,613	0	0
EXACT SCIENCES CORP	COM	30063P105	184	3,181	SH	SOLE	1	3,181	0	0
EXAGEN INC	COM	30068X103	31	1,961	SH	SOLE	1	1,961	0	0
EXANTAS CAPITAL CORP	COM	30068N105	50	18,056	SH	SOLE	1	18,056	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	5	26,543	SH	SOLE	1	26,543	0	0
EXELIXIS INC	COM	30161Q104	10,215	593,234	SH	SOLE	1	593,234	0	0
EXELON CORP	COM	30161N101	13,718	372,664	SH	SOLE	1	372,664	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,203	23,116	SH	SOLE	1	23,116	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	103	12,212	SH	SOLE	1	12,212	0	0
EXPEDIA GROUP INC	COM	30212P303	4,554	80,927	SH	SOLE	1	80,927	0	0
EXPEDITORS INTL WASH INC	COM	302130109	3,961	59,366	SH	SOLE	1	59,366	0	0
EXPONENT INC	COM	30214U102	2,560	35,601	SH	SOLE	1	35,601	0	0
EXPRESS INC	COM	30219E103	65	43,509	SH	SOLE	1	43,509	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	22	2,965	SH	SOLE	1	2,965	0	0
EXTERRAN CORP	COM	30227H106	95	19,864	SH	SOLE	1	19,864	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,464	46,621	SH	SOLE	1	46,621	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	21	50,115	SH	SOLE	1	50,115	0	0
EXTREME NETWORKS INC	COM	30226D106	249	80,719	SH	SOLE	1	80,719	0	0

EXXON MOBIL CORP	COM	30231G102	202,802	5,341,124	SH	SOLE	1	5,341,124	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	38	37,340	SH	SOLE	1	37,340	0	0
EZCORP INC CL A	CL A	302301106	147	35,145	SH	SOLE	1	35,145	0	0
F5 NETWORKS INC	COM	315616102	2,244	21,045	SH	SOLE	1	21,045	0	0
FABRINET	COM	G3323L100	1,371	25,131	SH	SOLE	1	25,131	0	0
FACEBOOK INC CLASS A	COM	30303M102	151,577	908,734	SH	SOLE	1	908,734	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	19,351	74,231	SH	SOLE	1	74,231	0	0
FAIR ISAAC CORP	COM	303250104	17,431	56,652	SH	SOLE	1	56,652	0	0
FALCON MINERALS CORP	COM	30607B109	49	22,842	SH	SOLE	1	22,842	0	0
FARMER BROS CO	COM	307675108	44	6,337	SH	SOLE	1	6,337	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	155	5,969	SH	SOLE	1	5,969	0	0
FARMERS NATL BANC CORP	COM	309627107	176	15,161	SH	SOLE	1	15,161	0	0
FARMLAND PARTNERS INC	COM	31154R109	100	16,457	SH	SOLE	1	16,457	0	0
FARO TECHNOLOGIES INC	COM	311642102	528	11,868	SH	SOLE	1	11,868	0	0
FASTENAL CO	COM	311900104	20,651	660,830	SH	SOLE	1	660,830	0	0
FATE THERAPEUTICS INC	COM	31189P102	798	35,913	SH	SOLE	1	35,913	0	0
FB FINANCIAL CORP	COM	30257X104	199	10,073	SH	SOLE	1	10,073	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	268	5,732	SH	SOLE	1	5,732	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	297	5,341	SH	SOLE	1	5,341	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	1,803	24,171	SH	SOLE	1	24,171	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,123	41,175	SH	SOLE	1	41,175	0	0
FEDERATED HERMES INC	CL B	314211103	4,627	242,880	SH	SOLE	1	242,880	0	0
FEDEX CORP	COM	31428X106	9,427	77,739	SH	SOLE	1	77,739	0	0
FEDNAT HOLDING CO	COM	31431B109	78	6,835	SH	SOLE	1	6,835	0	0
FERRO CORP	COM	315405100	526	56,176	SH	SOLE	1	56,176	0	0
FGL HOLDINGS	COM	G3402M102	969	98,860	SH	SOLE	1	98,860	0	0
FIBROGEN INC	COM	31572Q808	1,616	46,505	SH	SOLE	1	46,505	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	84	1,654	SH	SOLE	1	1,654	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	786	31,601	SH	SOLE	1	31,601	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	27,350	224,841	SH	SOLE	1	224,841	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	64	15,947	SH	SOLE	1	15,947	0	0
FIFTH THIRD BANCORP	COM	316773100	4,675	314,793	SH	SOLE	1	314,793	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	166	9,162	SH	SOLE	1	9,162	0	0
FIREEYE INC	COM	31816Q101	48	4,532	SH	SOLE	1	4,532	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	9,288	219,016	SH	SOLE	1	219,016	0	0
FIRST BANCORP INC/ME	COM	31866P102	133	6,067	SH	SOLE	1	6,067	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	787	147,930	SH	SOLE	1	147,930	0	0
FIRST BANCORP/NC	COM	318910106	400	17,349	SH	SOLE	1	17,349	0	0
FIRST BANCSHARES INC/MS	COM	318916103	187	9,817	SH	SOLE	1	9,817	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	68	9,832	SH	SOLE	1	9,832	0	0
FIRST BUSEY CORP	COM	319383204	520	30,410	SH	SOLE	1	30,410	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	76	4,887	SH	SOLE	1	4,887	0	0

FIRST CAPITAL INC	COM	31942S104	115	1,919	SH	SOLE	1	1,919	0	0
FIRST CHOICE BANCORP	COM	31948P104	90	5,971	SH	SOLE	1	5,971	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	38	114	SH	SOLE	1	114	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	616	67,364	SH	SOLE	1	67,364	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	247	10,600	SH	SOLE	1	10,600	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	322	21,853	SH	SOLE	1	21,853	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,003	67,237	SH	SOLE	1	67,237	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	261	7,753	SH	SOLE	1	7,753	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	47	4,636	SH	SOLE	1	4,636	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	9,112	339,509	SH	SOLE	1	339,509	0	0
FIRST FOUNDATION INC	COM	32026V104	237	23,146	SH	SOLE	1	23,146	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	44	3,051	SH	SOLE	1	3,051	0	0
FIRST HAWAIIAN INC	COM	32051X108	35	2,135	SH	SOLE	1	2,135	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	4,891	606,778	SH	SOLE	1	606,778	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,759	323,778	SH	SOLE	1	323,778	0	0
FIRST INTERNET BANCORP	COM	320557101	92	5,598	SH	SOLE	1	5,598	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	646	22,410	SH	SOLE	1	22,410	0	0
FIRST MERCHANTS CORP	COM	320817109	846	31,951	SH	SOLE	1	31,951	0	0
FIRST MID BANCSHARES INC	COM	320866106	204	8,614	SH	SOLE	1	8,614	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	974	73,621	SH	SOLE	1	73,621	0	0
FIRST NORTHWEST BANCORP	COM	335834107	56	5,186	SH	SOLE	1	5,186	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	236	13,630	SH	SOLE	1	13,630	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	5,211	63,334	SH	SOLE	1	63,334	0	0
FIRST SOLAR INC	COM	336433107	5,341	148,105	SH	SOLE	1	148,105	0	0
FIRSTCASH INC	COM	33767D105	7,673	106,962	SH	SOLE	1	106,962	0	0
FIRSTENERGY CORP	COM	337932107	14,271	356,159	SH	SOLE	1	356,159	0	0
FISERV INC	COM	337738108	25,005	263,241	SH	SOLE	1	263,241	0	0
FITBIT INC A	COM	33812L102	912	136,944	SH	SOLE	1	136,944	0	0
FIVE BELOW	COM	33829M101	7,665	108,906	SH	SOLE	1	108,906	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	46	20,190	SH	SOLE	1	20,190	0	0
FIVE9 INC	COM	338307101	2,708	35,416	SH	SOLE	1	35,416	0	0
FLAGSTAR BANCORP INC	COM	337930705	473	23,835	SH	SOLE	1	23,835	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	6,314	33,850	SH	SOLE	1	33,850	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	157	19,995	SH	SOLE	1	19,995	0	0
FLEXSTEEL INDS	COM	339382103	49	4,477	SH	SOLE	1	4,477	0	0
FLIR SYSTEMS INC	COM	302445101	1,472	46,174	SH	SOLE	1	46,174	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	50	1,557	SH	SOLE	1	1,557	0	0
FLOTEK INDUSTRIES INC	COM	343389102	28	31,826	SH	SOLE	1	31,826	0	0
FLOWERS FOODS INC	COM	343498101	7,703	375,390	SH	SOLE	1	375,390	0	0

FLOWSERVE CORP	COM	34354P105	1,068	44,699	SH	SOLE	1	44,699	0	0
FLUENT INC	COM	34380C102	30	25,244	SH	SOLE	1	25,244	0	0
FLUIDIGM CORP	COM	34385P108	104	40,929	SH	SOLE	1	40,929	0	0
FLUOR CORP	COM	343412102	1,889	273,349	SH	SOLE	1	273,349	0	0
FLUSHING FINANCIAL CORP	COM	343873105	214	16,005	SH	SOLE	1	16,005	0	0
FMC CORP	COM	302491303	3,677	45,008	SH	SOLE	1	45,008	0	0
FNB CORP	COM	302520101	4,670	633,621	SH	SOLE	1	633,621	0	0
FNCB BANCORP INC	COM	302578109	70	10,128	SH	SOLE	1	10,128	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	418	18,156	SH	SOLE	1	18,156	0	0
FOOT LOCKER INC	COM	344849104	12,124	549,850	SH	SOLE	1	549,850	0	0
FORD MOTOR CO	COM	345370860	6,091	1,261,147	SH	SOLE	1	1,261,147	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	808	25,581	SH	SOLE	1	25,581	0	0
FORESTAR GROUP INC	COM	346232101	102	9,846	SH	SOLE	1	9,846	0	0
FORMFACTOR INC	COM	346375108	1,043	51,935	SH	SOLE	1	51,935	0	0
FORRESTER RESEARCH INC	COM	346563109	216	7,382	SH	SOLE	1	7,382	0	0
FORTERRA INC	COM	34960W106	66	10,995	SH	SOLE	1	10,995	0	0
FORTINET INC	COM	34959E109	5,339	52,772	SH	SOLE	1	52,772	0	0
FORTIVE CORP	COM	34959J108	6,544	118,568	SH	SOLE	1	118,568	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	2,103	48,614	SH	SOLE	1	48,614	0	0
FORTY SEVEN INC	COM	34983P104	1,427	14,960	SH	SOLE	1	14,960	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	9	48,990	SH	SOLE	1	48,990	0	0
FORWARD AIR CORP	COM	349853101	982	19,393	SH	SOLE	1	19,393	0	0
FOSSIL GROUP INC	COM	34988V106	106	32,155	SH	SOLE	1	32,155	0	0
FOSTER (LB) CO A	COM	350060109	73	5,924	SH	SOLE	1	5,924	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	141	13,735	SH	SOLE	1	13,735	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,001	53,519	SH	SOLE	1	53,519	0	0
FOX CORP CLASS A	COM	35137L105	3,348	141,681	SH	SOLE	1	141,681	0	0
FOX CORP CLASS B	COM	35137L204	1,628	71,133	SH	SOLE	1	71,133	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,091	25,970	SH	SOLE	1	25,970	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	163	63,115	SH	SOLE	1	63,115	0	0
FRANKLIN COVEY CO	COM	353469109	90	5,767	SH	SOLE	1	5,767	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,464	31,054	SH	SOLE	1	31,054	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	184	9,048	SH	SOLE	1	9,048	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	67	2,452	SH	SOLE	1	2,452	0	0
FRANKLIN RESOURCES INC	COM	354613101	4,569	273,770	SH	SOLE	1	273,770	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	411	71,737	SH	SOLE	1	71,737	0	0
FREEPORT MCMORAN INC	COM	35671D857	3,370	499,188	SH	SOLE	1	499,188	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	61	3,440	SH	SOLE	1	3,440	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	582	21,065	SH	SOLE	1	21,065	0	0
FRESHPET INC	COM	358039105	1,301	20,377	SH	SOLE	1	20,377	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	350	29,320	SH	SOLE	1	29,320	0	0
FRONTDOOR INC	COM	35905A109	48	1,382	SH	SOLE	1	1,382	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	24	62,105	SH	SOLE	1	62,105	0	0
FRP HOLDINGS INC	COM	30292L107	177	4,122	SH	SOLE	1	4,122	0	0

FS BANCORP INC	COM	30263Y104	85	2,366	SH	SOLE	1	2,366	0	0
FTI CONSULTING INC	COM	302941109	11,357	94,822	SH	SOLE	1	94,822	0	0
FTS INTERNATIONAL INC	COM	30283W104	4	19,193	SH	SOLE	1	19,193	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	89	7,481	SH	SOLE	1	7,481	0	0
FULTON FINANCIAL CORP	COM	360271100	4,738	412,387	SH	SOLE	1	412,387	0	0
FUNKO INC CLASS A	COM	361008105	52	12,961	SH	SOLE	1	12,961	0	0
FUTUREFUEL CORP	COM	36116M106	200	17,760	SH	SOLE	1	17,760	0	0
FVCBANKCORP INC	COM	36120Q101	97	7,256	SH	SOLE	1	7,256	0	0
G III APPAREL GROUP LTD	COM	36237H101	233	30,253	SH	SOLE	1	30,253	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	221	20,029	SH	SOLE	1	20,029	0	0
GAIA INC	COM	36269P104	55	6,219	SH	SOLE	1	6,219	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	64	11,444	SH	SOLE	1	11,444	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	46	23,712	SH	SOLE	1	23,712	0	0
GALERA THERAPEUTICS INC	COM	36338D108	10	1,013	SH	SOLE	1	1,013	0	0
GAMCO INVESTORS INC A	COM	361438104	34	3,065	SH	SOLE	1	3,065	0	0
GAMESTOP CORP CLASS A	COM	36467W109	158	45,167	SH	SOLE	1	45,167	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	190	6,856	SH	SOLE	1	6,856	0	0
GANNETT CO INC	COM	36472T109	121	82,060	SH	SOLE	1	82,060	0	0
GAP INC/THE	COM	364760108	5,435	772,065	SH	SOLE	1	772,065	0	0
GARMIN LTD	COM	H2906T109	3,914	52,209	SH	SOLE	1	52,209	0	0
GARRETT MOTION INC	COM	366505105	21	7,171	SH	SOLE	1	7,171	0	0
GARTNER INC	COM	366651107	3,146	31,596	SH	SOLE	1	31,596	0	0
GASLOG LTD	COM	G37585109	87	23,952	SH	SOLE	1	23,952	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	6	746	SH	SOLE	1	746	0	0
GATX CORP	COM	361448103	5,544	88,614	SH	SOLE	1	88,614	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	1,093	19,185	SH	SOLE	1	19,185	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	662	37,182	SH	SOLE	1	37,182	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	54	926	SH	SOLE	1	926	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	58	8,981	SH	SOLE	1	8,981	0	0
GENCOR INDUSTRIES INC	COM	368678108	56	5,377	SH	SOLE	1	5,377	0	0
GENERAC HOLDINGS INC	COM	368736104	14,643	157,165	SH	SOLE	1	157,165	0	0
GENERAL DYNAMICS CORP	COM	369550108	19,335	146,134	SH	SOLE	1	146,134	0	0
GENERAL ELECTRIC CO	COM	369604103	22,458	2,828,495	SH	SOLE	1	2,828,495	0	0
GENERAL FINANCE CORP	COM	369822101	43	6,874	SH	SOLE	1	6,874	0	0
GENERAL MILLS INC	COM	370334104	211,813	4,013,886	SH	SOLE	1	4,013,886	0	0
GENERAL MOTORS CO	COM	37045V100	8,462	407,204	SH	SOLE	1	407,204	0	0
GENESCO INC	COM	371532102	130	9,770	SH	SOLE	1	9,770	0	0
GENESIS HEALTHCARE INC	COM	37185X106	42	49,582	SH	SOLE	1	49,582	0	0
GENIE ENERGY LTD B	COM	372284208	60	8,402	SH	SOLE	1	8,402	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	135	32,827	SH	SOLE	1	32,827	0	0
GENPACT LTD	COM	G3922B107	124	4,251	SH	SOLE	1	4,251	0	0
GENTEX CORP	COM	371901109	10,932	493,328	SH	SOLE	1	493,328	0	0
GENTHERM INC	COM	37253A103	713	22,711	SH	SOLE	1	22,711	0	0
GENUINE PARTS CO	COM	372460105	12,417	184,417	SH	SOLE	1	184,417	0	0

GENWORTH FINANCIAL INC CL A	CL A	37247D106	4,226	1,273,007	SH	SOLE	1	1,273,007	0	0
GEO GROUP INC/THE	COM	36162J106	3,825	314,541	SH	SOLE	1	314,541	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	58	9,138	SH	SOLE	1	9,138	0	0
GERMAN AMERICAN BANCORP	COM	373865104	402	14,663	SH	SOLE	1	14,663	0	0
GERON CORP	COM	374163103	131	109,676	SH	SOLE	1	109,676	0	0
GETTY REALTY CORP	COM	374297109	547	23,035	SH	SOLE	1	23,035	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	953	22,203	SH	SOLE	1	22,203	0	0
GILEAD SCIENCES INC	COM	375558103	270,777	3,621,952	SH	SOLE	1	3,621,952	0	0
GLACIER BANCORP INC	COM	37637Q105	2,028	59,650	SH	SOLE	1	59,650	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	276	19,235	SH	SOLE	1	19,235	0	0
GLADSTONE LAND CORP	COM	376549101	129	10,886	SH	SOLE	1	10,886	0	0
GLATFELTER	COM	377316104	367	30,015	SH	SOLE	1	30,015	0	0
GLAUKOS CORP	COM	377322102	826	26,768	SH	SOLE	1	26,768	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,752	34,293	SH	SOLE	1	34,293	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	126	4,923	SH	SOLE	1	4,923	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	231	22,838	SH	SOLE	1	22,838	0	0
GLOBAL NET LEASE INC	COM	379378201	827	61,891	SH	SOLE	1	61,891	0	0
GLOBAL PAYMENTS INC	COM	37940X102	15,169	105,174	SH	SOLE	1	105,174	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	74	7,308	SH	SOLE	1	7,308	0	0
GLOBANT SA	COM	L44385109	37	417	SH	SOLE	1	417	0	0
GLOBE LIFE INC	COM	37959E102	2,447	34,003	SH	SOLE	1	34,003	0	0
GLOBUS MEDICAL INC A	COM	379577208	8,245	193,866	SH	SOLE	1	193,866	0	0
GLU MOBILE INC	COM	379890106	501	79,606	SH	SOLE	1	79,606	0	0
GLYCOMIMETICS INC	COM	38000Q102	46	20,020	SH	SOLE	1	20,020	0	0
GMS INC	COM	36251C103	439	27,935	SH	SOLE	1	27,935	0	0
GNC HOLDINGS INC CL A	CL A	36191G107	23	48,412	SH	SOLE	1	48,412	0	0
GODADDY INC CLASS A	COM	380237107	225	3,937	SH	SOLE	1	3,937	0	0
GOGO INC	COM	38046C109	69	32,511	SH	SOLE	1	32,511	0	0
GOLAR LNG LTD	COM	G9456A100	442	56,096	SH	SOLE	1	56,096	0	0
GOLD RESOURCE CORP	COM	38068T105	99	35,937	SH	SOLE	1	35,937	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	67	10,125	SH	SOLE	1	10,125	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	15,955	103,210	SH	SOLE	1	103,210	0	0
GOODRICH PETROLEUM CORP	COM	382410843	23	5,378	SH	SOLE	1	5,378	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	2,640	453,524	SH	SOLE	1	453,524	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	302	6,766	SH	SOLE	1	6,766	0	0
GOPRO INC CLASS A	COM	38268T103	198	75,518	SH	SOLE	1	75,518	0	0
GORMAN RUPP CO	COM	383082104	326	10,431	SH	SOLE	1	10,431	0	0
GOSSAMER BIO INC	COM	38341P102	258	25,385	SH	SOLE	1	25,385	0	0
GP STRATEGIES CORP	COM	36225V104	49	7,567	SH	SOLE	1	7,567	0	0
GRACO INC	COM	384109104	15,899	326,273	SH	SOLE	1	326,273	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	8	929	SH	SOLE	1	929	0	0
GRAHAM CORP	COM	384556106	73	5,681	SH	SOLE	1	5,681	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	2,893	8,479	SH	SOLE	1	8,479	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	7,175	94,059	SH	SOLE	1	94,059	0	0

GRANITE CONSTRUCTION INC	COM	387328107	490	32,249	SH	SOLE	1	32,249	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	189	37,360	SH	SOLE	1	37,360	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	57	4,707	SH	SOLE	1	4,707	0	0
GRAY TELEVISION INC	COM	389375106	579	53,911	SH	SOLE	1	53,911	0	0
GREAT AJAX CORP	COM	38983D300	67	10,570	SH	SOLE	1	10,570	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	299	36,079	SH	SOLE	1	36,079	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	265	6,555	SH	SOLE	1	6,555	0	0
GREAT WESTERN BANCORP INC	COM	391416104	796	38,885	SH	SOLE	1	38,885	0	0
GREEN BRICK PARTNERS INC	COM	392709101	116	14,395	SH	SOLE	1	14,395	0	0
GREEN DOT CORP CLASS A	COM	39304D102	842	33,182	SH	SOLE	1	33,182	0	0
GREEN PLAINS INC	COM	393222104	114	23,551	SH	SOLE	1	23,551	0	0
GREENBRIER COMPANIES INC	COM	393657101	393	22,136	SH	SOLE	1	22,136	0	0
GREENE COUNTY BANCORP INC	COM	394357107	46	1,958	SH	SOLE	1	1,958	0	0
GREENHILL & CO INC	COM	395259104	103	10,447	SH	SOLE	1	10,447	0	0
GREENLANE HOLDINGS INC A	COM	395330103	10	5,963	SH	SOLE	1	5,963	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	103	17,265	SH	SOLE	1	17,265	0	0
GREIF INC CL A	CL A	397624107	2,055	66,093	SH	SOLE	1	66,093	0	0
GREIF INC CL B	COM	397624206	143	3,569	SH	SOLE	1	3,569	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	19	571	SH	SOLE	1	571	0	0
GRIFFON CORP	COM	398433102	325	25,685	SH	SOLE	1	25,685	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	86	14,753	SH	SOLE	1	14,753	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	31	915	SH	SOLE	1	915	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	536	12,120	SH	SOLE	1	12,120	0	0
GROUPON INC	COM	399473107	262	267,461	SH	SOLE	1	267,461	0	0
GRUBHUB INC	COM	400110102	7,287	178,921	SH	SOLE	1	178,921	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	2	331	SH	SOLE	1	331	0	0
GSI TECHNOLOGY INC	COM	36241U106	66	9,501	SH	SOLE	1	9,501	0	0
GTT COMMUNICATIONS INC	COM	362393100	159	19,979	SH	SOLE	1	19,979	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	106	23,462	SH	SOLE	1	23,462	0	0
GUARANTY BANCSHARES INC	COM	400764106	111	4,813	SH	SOLE	1	4,813	0	0
GUARDANT HEALTH INC	COM	40131M109	58	840	SH	SOLE	1	840	0	0
GUESS INC	COM	401617105	212	31,319	SH	SOLE	1	31,319	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	149	1,882	SH	SOLE	1	1,882	0	0
GULFPORT ENERGY CORP	COM	402635304	48	108,754	SH	SOLE	1	108,754	0	0
GWG HOLDINGS INC	COM	36192A109	17	1,715	SH	SOLE	1	1,715	0	0
H.B. FULLER CO.	COM	359694106	979	35,038	SH	SOLE	1	35,038	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	278	18,905	SH	SOLE	1	18,905	0	0
H&R BLOCK INC	COM	093671105	8,520	605,128	SH	SOLE	1	605,128	0	0
HACKETT GROUP INC/THE	COM	404609109	184	14,475	SH	SOLE	1	14,475	0	0
HAEMONETICS CORP/MASS	COM	405024100	12,748	127,914	SH	SOLE	1	127,914	0	0

HAIN CELESTIAL GROUP INC	COM	405217100	4,070	156,710	SH	SOLE	1	156,710	0	0
HALLADOR ENERGY CO	COM	40609P105	11	12,035	SH	SOLE	1	12,035	0	0
HALLIBURTON CO	COM	406216101	2,045	298,478	SH	SOLE	1	298,478	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	31	7,734	SH	SOLE	1	7,734	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,432	79,612	SH	SOLE	1	79,612	0	0
HAMILTON BEACH BRAND A	COM	40701T104	36	3,825	SH	SOLE	1	3,825	0	0
HAMILTON LANE INC CLASS A	COM	407497106	721	13,041	SH	SOLE	1	13,041	0	0
HANCOCK WHITNEY CORP	COM	410120109	4,295	220,043	SH	SOLE	1	220,043	0	0
HANESBRANDS INC	COM	410345102	9,192	1,167,980	SH	SOLE	1	1,167,980	0	0
HANGER INC	COM	41043F208	390	25,025	SH	SOLE	1	25,025	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	227	20,916	SH	SOLE	1	20,916	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	765	37,492	SH	SOLE	1	37,492	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	6,957	76,801	SH	SOLE	1	76,801	0	0
HARBORONE BANCORP INC	COM	41165Y100	117	15,521	SH	SOLE	1	15,521	0	0
HARLEY DAVIDSON INC	COM	412822108	993	52,467	SH	SOLE	1	52,467	0	0
HARMONIC INC	COM	413160102	357	61,959	SH	SOLE	1	61,959	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	50	4,341	SH	SOLE	1	4,341	0	0
HARSCO CORP	COM	415864107	374	53,708	SH	SOLE	1	53,708	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	4,495	127,561	SH	SOLE	1	127,561	0	0
HASBRO INC	COM	418056107	3,644	50,929	SH	SOLE	1	50,929	0	0
HAVERTY FURNITURE	COM	419596101	146	12,295	SH	SOLE	1	12,295	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	9,148	212,498	SH	SOLE	1	212,498	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	328	31,398	SH	SOLE	1	31,398	0	0
HAWKINS INC	COM	420261109	238	6,680	SH	SOLE	1	6,680	0	0
HAWTHORN BANCSHARES INC	COM	420476103	61	3,349	SH	SOLE	1	3,349	0	0
HAYNES INTERNATIONAL INC	COM	420877201	176	8,554	SH	SOLE	1	8,554	0	0
HBT FINANCIAL INC/DE	COM	404111106	57	5,384	SH	SOLE	1	5,384	0	0
HCA HEALTHCARE INC	COM	40412C101	10,245	114,020	SH	SOLE	1	114,020	0	0
HCI GROUP INC	COM	40416E103	171	4,243	SH	SOLE	1	4,243	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	789	27,761	SH	SOLE	1	27,761	0	0
HDFC BANK LTD ADR	ADR	40415F101	39	1,024	SH	SOLE	1	1,024	0	0
HEALTH CATALYST INC	COM	42225T107	294	11,228	SH	SOLE	1	11,228	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,414	337,041	SH	SOLE	1	337,041	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,480	187,367	SH	SOLE	1	187,367	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	208	8,585	SH	SOLE	1	8,585	0	0
HEALTHEQUITY INC	COM	42226A107	9,009	178,071	SH	SOLE	1	178,071	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	4,059	170,198	SH	SOLE	1	170,198	0	0
HEALTHSTREAM INC	COM	42222N103	428	17,874	SH	SOLE	1	17,874	0	0
HEARTLAND EXPRESS INC	COM	422347104	588	31,673	SH	SOLE	1	31,673	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	622	20,585	SH	SOLE	1	20,585	0	0
HECLA MINING CO	COM	422704106	559	306,909	SH	SOLE	1	306,909	0	0
HEICO CORP	COM	422806109	74	987	SH	SOLE	1	987	0	0

HEICO CORP CLASS A	COM	422806208	112	1,753	SH	SOLE	1	1,753	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	292	12,979	SH	SOLE	1	12,979	0	0
HELEN OF TROY LTD	COM	G4388N106	9,151	63,532	SH	SOLE	1	63,532	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	658	17,342	SH	SOLE	1	17,342	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	160	97,563	SH	SOLE	1	97,563	0	0
HELMERICH & PAYNE	COM	423452101	577	36,858	SH	SOLE	1	36,858	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	8,268	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	88	10,303	SH	SOLE	1	10,303	0	0
HENRY SCHEIN INC	COM	806407102	3,759	74,404	SH	SOLE	1	74,404	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	50	1,716	SH	SOLE	1	1,716	0	0
HERC HOLDINGS INC	COM	42704L104	292	14,270	SH	SOLE	1	14,270	0	0
HERITAGE COMMERCE CORP	COM	426927109	249	32,400	SH	SOLE	1	32,400	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	144	8,893	SH	SOLE	1	8,893	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	504	25,208	SH	SOLE	1	25,208	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	166	15,521	SH	SOLE	1	15,521	0	0
HERMAN MILLER INC	COM	600544100	3,310	149,096	SH	SOLE	1	149,096	0	0
HERON THERAPEUTICS INC	COM	427746102	584	49,759	SH	SOLE	1	49,759	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	85	23,784	SH	SOLE	1	23,784	0	0
HERSHEY CO/THE	COM	427866108	6,878	51,907	SH	SOLE	1	51,907	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	371	60,082	SH	SOLE	1	60,082	0	0
HESKA CORP	COM	42805E306	267	4,823	SH	SOLE	1	4,823	0	0
HESS CORP	COM	42809H107	3,748	112,545	SH	SOLE	1	112,545	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	5,658	582,707	SH	SOLE	1	582,707	0	0
HEXCEL CORP	COM	428291108	69	1,857	SH	SOLE	1	1,857	0	0
HF FOODS GROUP INC	COM	40417F109	109	13,018	SH	SOLE	1	13,018	0	0
HIBBETT SPORTS INC	COM	428567101	130	11,908	SH	SOLE	1	11,908	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	15	76,953	SH	SOLE	1	76,953	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	7,165	202,283	SH	SOLE	1	202,283	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,120	130,418	SH	SOLE	1	130,418	0	0
HILLENBRAND INC	COM	431571108	962	50,338	SH	SOLE	1	50,338	0	0
HILLTOP HOLDINGS INC	COM	432748101	626	41,396	SH	SOLE	1	41,396	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	23	1,472	SH	SOLE	1	1,472	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	6,798	99,625	SH	SOLE	1	99,625	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	119	822	SH	SOLE	1	822	0	0
HMS HOLDINGS CORP	COM	40425J101	1,527	60,424	SH	SOLE	1	60,424	0	0
HNI CORP	COM	404251100	2,725	108,180	SH	SOLE	1	108,180	0	0
HOLLYFRONTIER CORP	COM	436106108	2,254	91,969	SH	SOLE	1	91,969	0	0
HOLOGIC INC	COM	436440101	4,003	114,057	SH	SOLE	1	114,057	0	0
HOME BANCORP INC	COM	43689E107	110	4,509	SH	SOLE	1	4,509	0	0
HOME BANCSHARES INC	COM	436893200	4,699	391,927	SH	SOLE	1	391,927	0	0
HOME DEPOT INC	COM	437076102	87,803	470,263	SH	SOLE	1	470,263	0	0
HOMESTREET INC	COM	43785V102	341	15,342	SH	SOLE	1	15,342	0	0
HOMETRUST BANCSHARES INC	COM	437872104	146	9,161	SH	SOLE	1	9,161	0	0

HOMOLOGY MEDICINES INC	COM	438083107	228	14,676	SH	SOLE	1	14,676	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	33,728	252,099	SH	SOLE	1	252,099	0	0
HOOKER FURNITURE CORP	COM	439038100	107	6,882	SH	SOLE	1	6,882	0	0
HOOKIPA PHARMA INC	COM	43906K100	49	5,900	SH	SOLE	1	5,900	0	0
HOPE BANCORP INC	COM	43940T109	687	83,558	SH	SOLE	1	83,558	0	0
HORACE MANN EDUCATORS	COM	440327104	1,041	28,437	SH	SOLE	1	28,437	0	0
HORIZON BANCORP INC/IN	COM	440407104	218	22,095	SH	SOLE	1	22,095	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	94	3,165	SH	SOLE	1	3,165	0	0
HORMEL FOODS CORP	COM	440452100	5,658	121,305	SH	SOLE	1	121,305	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	2,903	262,978	SH	SOLE	1	262,978	0	0
HOSTESS BRANDS INC	COM	44109J106	754	70,748	SH	SOLE	1	70,748	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	116	61,810	SH	SOLE	1	61,810	0	0
HOULIHAN LOKEY INC	COM	441593100	1,299	24,919	SH	SOLE	1	24,919	0	0
HOWARD BANCORP INC	COM	442496105	83	7,627	SH	SOLE	1	7,627	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	37	733	SH	SOLE	1	733	0	0
HOWMET AEROSPACE INC	COM	443201108	2,138	133,099	SH	SOLE	1	133,099	0	0
HP INC	COM	40434L105	232,757	13,407,671	SH	SOLE	1	13,407,671	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	47	1,624	SH	SOLE	1	1,624	0	0
HUB GROUP INC CL A	CL A	443320106	1,016	22,336	SH	SOLE	1	22,336	0	0
HUBBELL INC	COM	443510607	12,191	106,250	SH	SOLE	1	106,250	0	0
HUBSPOT INC	COM	443573100	124	930	SH	SOLE	1	930	0	0
HUDSON LTD CLASS A	COM	G46408103	118	23,483	SH	SOLE	1	23,483	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	168	6,610	SH	SOLE	1	6,610	0	0
HUMANA INC	COM	444859102	17,183	54,719	SH	SOLE	1	54,719	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	2,723	29,526	SH	SOLE	1	29,526	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	3,509	427,402	SH	SOLE	1	427,402	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,601	14,274	SH	SOLE	1	14,274	0	0
HUNTSMAN CORP	COM	447011107	51	3,513	SH	SOLE	1	3,513	0	0
HURCO COMPANIES INC	COM	447324104	111	3,820	SH	SOLE	1	3,820	0	0
HURON CONSULTING GROUP INC	COM	447462102	602	13,274	SH	SOLE	1	13,274	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	11	590	SH	SOLE	1	590	0	0
HUYA INC ADR	ADS REP SHS A	44852D108	6	377	SH	SOLE	1	377	0	0
HYATT HOTELS CORP CL A	CL A	448579102	28	588	SH	SOLE	1	588	0	0
HYSTER YALE MATERIALS	COM	449172105	240	5,990	SH	SOLE	1	5,990	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	165	8,667	SH	SOLE	1	8,667	0	0
IAA INC	COM	449253103	88	2,942	SH	SOLE	1	2,942	0	0
IAC/INTERACTIVECORP	COM	44919P508	267	1,489	SH	SOLE	1	1,489	0	0
IBERIABANK CORP	COM	450828108	1,118	30,906	SH	SOLE	1	30,906	0	0
ICF INTERNATIONAL INC	COM	44925C103	738	10,745	SH	SOLE	1	10,745	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	294	15,324	SH	SOLE	1	15,324	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	134	15,774	SH	SOLE	1	15,774	0	0
ICU MEDICAL INC	COM	44930G107	7,573	37,531	SH	SOLE	1	37,531	0	0

IDACORP INC	COM	451107106	8,628	98,279	SH	SOLE	1	98,279	0	0
IDEANOMICS INC	COM	45166V106	81	60,756	SH	SOLE	1	60,756	0	0
IDEX CORP	COM	45167R104	3,648	26,415	SH	SOLE	1	26,415	0	0
IDEXX LABORATORIES INC	COM	45168D104	9,398	38,795	SH	SOLE	1	38,795	0	0
IDT CORP CLASS B	COM	448947507	53	9,857	SH	SOLE	1	9,857	0	0
IES HOLDINGS INC	COM	44951W106	86	4,887	SH	SOLE	1	4,887	0	0
IGM BIOSCIENCES INC	COM	449585108	165	2,931	SH	SOLE	1	2,931	0	0
IHS MARKIT LTD	COM	G47567105	9,692	161,525	SH	SOLE	1	161,525	0	0
II VI INC	COM	902104108	6,331	222,150	SH	SOLE	1	222,150	0	0
ILLINOIS TOOL WORKS	COM	452308109	28,419	199,966	SH	SOLE	1	199,966	0	0
ILLUMINA INC	COM	452327109	17,150	62,793	SH	SOLE	1	62,793	0	0
IMAX CORP	COM	45245E109	280	30,971	SH	SOLE	1	30,971	0	0
IMMERSON CORPORATION	COM	452521107	99	18,456	SH	SOLE	1	18,456	0	0
IMMUNOGEN INC	COM	45253H101	341	100,026	SH	SOLE	1	100,026	0	0
IMMUNOMEDICS INC	COM	452907108	1,519	112,684	SH	SOLE	1	112,684	0	0
IMPINJ INC	COM	453204109	166	9,936	SH	SOLE	1	9,936	0	0
INCYTE CORP	COM	45337C102	6,245	85,282	SH	SOLE	1	85,282	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415606	2	1,406	SH	SOLE	1	1,406	0	0
INDEPENDENCE HOLDING CO	COM	453440307	75	2,941	SH	SOLE	1	2,941	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	560	62,621	SH	SOLE	1	62,621	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	165	12,810	SH	SOLE	1	12,810	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,478	22,956	SH	SOLE	1	22,956	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	500	21,109	SH	SOLE	1	21,109	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	783	44,624	SH	SOLE	1	44,624	0	0
INFINERA CORP	COM	45667G103	560	105,632	SH	SOLE	1	105,632	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	54	21,120	SH	SOLE	1	21,120	0	0
INFOSYS LTD SP ADR	ADR	456788108	398	48,463	SH	SOLE	1	48,463	0	0
INGERSOLL RAND INC	COM	45687V106	3,242	130,745	SH	SOLE	1	130,745	0	0
INGEVITY CORP	COM	45688C107	3,723	105,775	SH	SOLE	1	105,775	0	0
INGLES MARKETS INC CLASS A	COM	457030104	303	8,376	SH	SOLE	1	8,376	0	0
INGREDION INC	COM	457187102	9,830	130,197	SH	SOLE	1	130,197	0	0
INNERWORKINGS INC	COM	45773Y105	31	26,134	SH	SOLE	1	26,134	0	0
INNOSPEC INC	COM	45768S105	1,163	16,739	SH	SOLE	1	16,739	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	856	11,275	SH	SOLE	1	11,275	0	0
INNOVIVA INC	COM	45781M101	520	44,222	SH	SOLE	1	44,222	0	0
INOGEN INC	COM	45780L104	649	12,567	SH	SOLE	1	12,567	0	0
INOVALON HOLDINGS INC A	COM	45781D101	718	43,081	SH	SOLE	1	43,081	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	418	56,169	SH	SOLE	1	56,169	0	0
INPHI CORP	COM	45772F107	2,107	26,616	SH	SOLE	1	26,616	0	0
INSEGO CORP	COM	45782B104	168	26,926	SH	SOLE	1	26,926	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,016	24,115	SH	SOLE	1	24,115	0	0
INSMED INC	COM	457669307	845	52,714	SH	SOLE	1	52,714	0	0
INSPERITY INC	COM	45778Q107	3,529	94,612	SH	SOLE	1	94,612	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	481	7,972	SH	SOLE	1	7,972	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	18	5,237	SH	SOLE	1	5,237	0	0
INSTALLED BUILDING	COM	45780R101	616	15,452	SH	SOLE	1	15,452	0	0

PRODUCTS										
INSTEEL INDUSTRIES INC	COM	45774W108	168	12,674	SH	SOLE	1	12,674	0	0
INSULET CORP	COM	45784P101	224	1,350	SH	SOLE	1	1,350	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,406	22,374	SH	SOLE	1	22,374	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,208	138,975	SH	SOLE	1	138,975	0	0
INTEL CORP	COM	458140100	96,451	1,782,174	SH	SOLE	1	1,782,174	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	280	22,886	SH	SOLE	1	22,886	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	137	4,038	SH	SOLE	1	4,038	0	0
INTELSAT SA	COM	L5140P101	61	39,692	SH	SOLE	1	39,692	0	0
INTER PARFUMS INC	COM	458334109	561	12,110	SH	SOLE	1	12,110	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	6,465	149,763	SH	SOLE	1	149,763	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	938	14,894	SH	SOLE	1	14,894	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	19,215	237,954	SH	SOLE	1	237,954	0	0
INTERDIGITAL INC	COM	45867G101	3,511	78,675	SH	SOLE	1	78,675	0	0
INTERFACE INC	COM	458665304	301	39,858	SH	SOLE	1	39,858	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	3,868	143,882	SH	SOLE	1	143,882	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	373	62,611	SH	SOLE	1	62,611	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	97	10,674	SH	SOLE	1	10,674	0	0
INTERNATIONAL PAPER CO	COM	460146103	5,115	164,302	SH	SOLE	1	164,302	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	357	14,928	SH	SOLE	1	14,928	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	14,292	882,740	SH	SOLE	1	882,740	0	0
INTERSECT ENT INC	COM	46071F103	215	18,182	SH	SOLE	1	18,182	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	246,760	2,224,469	SH	SOLE	1	2,224,469	0	0
INTL FCSTONE INC	COM	46116V105	399	11,002	SH	SOLE	1	11,002	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	4,057	39,747	SH	SOLE	1	39,747	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	479	31,197	SH	SOLE	1	31,197	0	0
INTREPID POTASH INC	COM	46121Y102	45	56,439	SH	SOLE	1	56,439	0	0
INTRICON CORP	COM	46121H109	57	4,857	SH	SOLE	1	4,857	0	0
INTUIT INC	COM	461202103	25,914	112,669	SH	SOLE	1	112,669	0	0
INTUITIVE SURGICAL INC	COM	46120E602	22,348	45,129	SH	SOLE	1	45,129	0	0
INVACARE CORP	COM	461203101	172	23,134	SH	SOLE	1	23,134	0	0
INVESCO LTD	COM	G491BT108	2,024	222,889	SH	SOLE	1	222,889	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	388	113,668	SH	SOLE	1	113,668	0	0
INVESTAR HOLDING CORP	COM	46134L105	70	5,453	SH	SOLE	1	5,453	0	0
INVESTORS BANCORP INC	COM	46146L101	1,075	134,588	SH	SOLE	1	134,588	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	441	8,011	SH	SOLE	1	8,011	0	0
INVESTORS TITLE CO	COM	461804106	106	826	SH	SOLE	1	826	0	0
INVITAE CORP	COM	46185L103	701	51,298	SH	SOLE	1	51,298	0	0
INVITATION HOMES INC	COM	46187W107	294	13,781	SH	SOLE	1	13,781	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	138	2,910	SH	SOLE	1	2,910	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	2,076	69,362	SH	SOLE	1	69,362	0	0

IPG PHOTONICS CORP	COM	44980X109	1,349	12,235	SH	SOLE	1	12,235	0	0
IQIYI INC ADR	ADR	46267X108	27	1,501	SH	SOLE	1	1,501	0	0
IQVIA HOLDINGS INC	COM	46266C105	7,873	72,997	SH	SOLE	1	72,997	0	0
IRADIMED CORP	COM	46266A109	57	2,690	SH	SOLE	1	2,690	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,275	15,674	SH	SOLE	1	15,674	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,517	67,934	SH	SOLE	1	67,934	0	0
IROBOT CORP	COM	462726100	782	19,131	SH	SOLE	1	19,131	0	0
IRON MOUNTAIN INC	COM	46284V101	2,963	124,488	SH	SOLE	1	124,488	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	933	92,491	SH	SOLE	1	92,491	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	7,436	85,800	SH	SOLE	1	85,800	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	285	1,700	SH	SOLE	1	1,700	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	2,854	17,300	SH	SOLE	1	17,300	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,414	63,100	SH	SOLE	1	63,100	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,308	19,000	SH	SOLE	1	19,000	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,388	24,731	SH	SOLE	1	24,731	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	12,005	97,200	SH	SOLE	1	97,200	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	70,385	1,316,600	SH	SOLE	1	1,316,600	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,011	88,217	SH	SOLE	1	88,217	0	0
ISHARES MSCI INDIA ETF	MSCI INDIA ETF	46429B598	3,009	124,786	SH	SOLE	1	124,786	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	4,979	43,500	SH	SOLE	1	43,500	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	2,111	17,364	SH	SOLE	1	17,364	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,379	21,510	SH	SOLE	1	21,510	0	0
ISHARES S&P 500 GROWTH ETF	S&P 500 GRWT ETF	464287309	21,749	131,774	SH	SOLE	1	131,774	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	14,604	151,733	SH	SOLE	1	151,733	0	0
ISTAR INC	COM	45031U101	449	42,340	SH	SOLE	1	42,340	0	0
ITERIS INC	COM	46564T107	76	23,765	SH	SOLE	1	23,765	0	0
ITRON INC	COM	465741106	1,322	23,679	SH	SOLE	1	23,679	0	0
ITT INC	COM	45073V108	7,758	171,024	SH	SOLE	1	171,024	0	0
J & J SNACK FOODS CORP	COM	466032109	1,256	10,384	SH	SOLE	1	10,384	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	30	7,737	SH	SOLE	1	7,737	0	0
J. JILL INC	COM	46620W102	6	9,978	SH	SOLE	1	9,978	0	0
J.C. PENNEY CO INC	COM	708160106	79	219,342	SH	SOLE	1	219,342	0	0
J2 GLOBAL INC	COM	48123V102	8,768	117,136	SH	SOLE	1	117,136	0	0
JABIL INC	COM	466313103	6,668	271,272	SH	SOLE	1	271,272	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	4,175	26,892	SH	SOLE	1	26,892	0	0
JACK IN THE BOX INC	COM	466367109	2,082	59,408	SH	SOLE	1	59,408	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	3,644	45,974	SH	SOLE	1	45,974	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	741	20,445	SH	SOLE	1	20,445	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,540	361,620	SH	SOLE	1	361,620	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	122	1,219	SH	SOLE	1	1,219	0	0

JBG SMITH PROPERTIES	COM	46590V100	7,329	230,242	SH	SOLE	1	230,242	0	0
JD.COM INC ADR	ADR	47215P106	2,615	64,568	SH	SOLE	1	64,568	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	6,379	466,664	SH	SOLE	1	466,664	0	0
JELD WEN HOLDING INC	COM	47580P103	389	39,985	SH	SOLE	1	39,985	0	0
JERNIGAN CAPITAL INC	COM	476405105	145	13,197	SH	SOLE	1	13,197	0	0
JETBLUE AIRWAYS CORP	COM	477143101	5,040	563,140	SH	SOLE	1	563,140	0	0
JM SMUCKER CO/THE	COM	832696405	5,288	47,639	SH	SOLE	1	47,639	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	532	5,950	SH	SOLE	1	5,950	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,597	21,503	SH	SOLE	1	21,503	0	0
JOHNSON & JOHNSON	COM	478160104	130,013	991,482	SH	SOLE	1	991,482	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	8,450	313,416	SH	SOLE	1	313,416	0	0
JOHNSON OUTDOORS INC A	COM	479167108	199	3,169	SH	SOLE	1	3,169	0	0
JOINT CORP/THE	COM	47973J102	84	7,730	SH	SOLE	1	7,730	0	0
JONES LANG LASALLE INC	COM	48020Q107	10,631	105,283	SH	SOLE	1	105,283	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	45	9,578	SH	SOLE	1	9,578	0	0
JOYY INC	ADS RESTG COM A	46591M109	33	623	SH	SOLE	1	623	0	0
JPMORGAN CHASE & CO	COM	46625H100	293,967	3,265,211	SH	SOLE	1	3,265,211	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,888	150,893	SH	SOLE	1	150,893	0	0
K12 INC	COM	48273U102	439	23,257	SH	SOLE	1	23,257	0	0
KADANT INC	COM	48282T104	486	6,504	SH	SOLE	1	6,504	0	0
KADMON HOLDINGS INC	COM	48283N106	398	94,964	SH	SOLE	1	94,964	0	0
KAISER ALUMINUM CORP	COM	483007704	751	10,847	SH	SOLE	1	10,847	0	0
KALA PHARMACEUTICALS INC	COM	483119103	123	14,042	SH	SOLE	1	14,042	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	41	6,724	SH	SOLE	1	6,724	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	57	7,472	SH	SOLE	1	7,472	0	0
KAMAN CORP	COM	483548103	733	19,055	SH	SOLE	1	19,055	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,371	34,370	SH	SOLE	1	34,370	0	0
KAR AUCTION SERVICES INC	COM	48238T109	3,420	284,984	SH	SOLE	1	284,984	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	447	6,214	SH	SOLE	1	6,214	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	678	35,272	SH	SOLE	1	35,272	0	0
KB HOME	COM	48666K109	3,928	217,044	SH	SOLE	1	217,044	0	0
KBR INC	COM	48242W106	7,401	357,900	SH	SOLE	1	357,900	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	396	46,078	SH	SOLE	1	46,078	0	0
KELLOGG CO	COM	487836108	6,997	116,631	SH	SOLE	1	116,631	0	0
KELLY SERVICES INC A	COM	488152208	289	22,790	SH	SOLE	1	22,790	0	0
KEMET CORP	COM	488360207	949	39,272	SH	SOLE	1	39,272	0	0
KEMPER CORP	COM	488401100	9,092	122,251	SH	SOLE	1	122,251	0	0
KENNAMETAL INC	COM	489170100	3,889	208,857	SH	SOLE	1	208,857	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	975	72,651	SH	SOLE	1	72,651	0	0
KEURIG DR PEPPER INC	COM	49271V100	935	38,542	SH	SOLE	1	38,542	0	0
KEYCORP	COM	493267108	4,256	410,448	SH	SOLE	1	410,448	0	0

KEYSIGHT TECHNOLOGIES IN	COM	49338L103	5,553	66,355	SH	SOLE	1	66,355	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	80	18,354	SH	SOLE	1	18,354	0	0
KFORCE INC	COM	493732101	306	11,976	SH	SOLE	1	11,976	0	0
KILROY REALTY CORP	COM	49427F108	12,122	190,300	SH	SOLE	1	190,300	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	159	14,526	SH	SOLE	1	14,526	0	0
KIMBALL INTERNATIONAL B	COM	494274103	251	21,114	SH	SOLE	1	21,114	0	0
KIMBERLY CLARK CORP	COM	494368103	16,966	132,684	SH	SOLE	1	132,684	0	0
KIMCO REALTY CORP	COM	49446R109	1,458	150,727	SH	SOLE	1	150,727	0	0
KINDER MORGAN INC	COM	49456B101	11,558	830,341	SH	SOLE	1	830,341	0	0
KINDRED BIOSCIENCES INC	COM	494577109	88	21,928	SH	SOLE	1	21,928	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	128	8,259	SH	SOLE	1	8,259	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	1,471	14,070	SH	SOLE	1	14,070	0	0
KIRBY CORP	COM	497266106	5,081	116,893	SH	SOLE	1	116,893	0	0
KITE REALTY GROUP TRUST	COM	49803T300	541	57,111	SH	SOLE	1	57,111	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	259	17,264	SH	SOLE	1	17,264	0	0
KLA CORP	COM	482480100	9,715	67,586	SH	SOLE	1	67,586	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	10	14,847	SH	SOLE	1	14,847	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	7,859	239,606	SH	SOLE	1	239,606	0	0
KNOLL INC	COM	498904200	300	29,028	SH	SOLE	1	29,028	0	0
KNOWLES CORP	COM	49926D109	755	56,408	SH	SOLE	1	56,408	0	0
KODIAK SCIENCES INC	COM	50015M109	792	16,605	SH	SOLE	1	16,605	0	0
KOHL'S CORP	COM	500255104	115,205	7,896,144	SH	SOLE	1	7,896,144	0	0
KONTOOR BRANDS INC	COM	50050N103	588	30,665	SH	SOLE	1	30,665	0	0
KOPPERS HOLDINGS INC	COM	50060P106	162	13,125	SH	SOLE	1	13,125	0	0
KORN FERRY	COM	500643200	924	37,997	SH	SOLE	1	37,997	0	0
KOSMOS ENERGY LTD	COM	500688106	5	5,890	SH	SOLE	1	5,890	0	0
KRAFT HEINZ CO/THE	COM	500754106	221,010	8,933,314	SH	SOLE	1	8,933,314	0	0
KRATON CORP	COM	50077C106	175	21,570	SH	SOLE	1	21,570	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	738	53,353	SH	SOLE	1	53,353	0	0
KROGER CO	COM	501044101	9,952	330,405	SH	SOLE	1	330,405	0	0
KRONOS WORLDWIDE INC	COM	50105F105	113	13,409	SH	SOLE	1	13,409	0	0
KRYSTAL BIOTECH INC	COM	501147102	269	6,213	SH	SOLE	1	6,213	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	127	6,077	SH	SOLE	1	6,077	0	0
KURA ONCOLOGY INC	COM	50127T109	202	20,315	SH	SOLE	1	20,315	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	24	1,992	SH	SOLE	1	1,992	0	0
KVH INDUSTRIES INC	COM	482738101	92	9,716	SH	SOLE	1	9,716	0	0
L BRANDS INC	COM	501797104	935	80,841	SH	SOLE	1	80,841	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	13,957	77,487	SH	SOLE	1	77,487	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	51	12,261	SH	SOLE	1	12,261	0	0
LA Z BOY INC	COM	505336107	637	31,005	SH	SOLE	1	31,005	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	6,117	48,400	SH	SOLE	1	48,400	0	0
LADDER CAPITAL CORP REIT	COM	505743104	289	60,953	SH	SOLE	1	60,953	0	0
LAKELAND BANCORP INC	COM	511637100	312	28,851	SH	SOLE	1	28,851	0	0
LAKELAND FINANCIAL	COM	511656100	536	14,588	SH	SOLE	1	14,588	0	0

CORP											
LAM RESEARCH CORP	COM	512807108	15,461	64,420	SH	SOLE	1	64,420	0	0	
LAMAR ADVERTISING CO A	COM	512816109	8,716	169,975	SH	SOLE	1	169,975	0	0	
LAMB WESTON HOLDINGS INC	COM	513272104	3,154	55,232	SH	SOLE	1	55,232	0	0	
LANCASTER COLONY CORP	COM	513847103	7,154	49,463	SH	SOLE	1	49,463	0	0	
LANDEC CORP	COM	514766104	133	15,331	SH	SOLE	1	15,331	0	0	
LANDS END INC	COM	51509F105	34	6,287	SH	SOLE	1	6,287	0	0	
LANDSTAR SYSTEM INC	COM	515098101	7,399	77,184	SH	SOLE	1	77,184	0	0	
LANNETT CO INC	COM	516012101	156	22,441	SH	SOLE	1	22,441	0	0	
LANTHEUS HOLDINGS INC	COM	516544103	339	26,600	SH	SOLE	1	26,600	0	0	
LAREDO PETROLEUM INC	COM	516806106	350	920,559	SH	SOLE	1	920,559	0	0	
LAS VEGAS SANDS CORP	COM	517834107	159,043	3,744,843	SH	SOLE	1	3,744,843	0	0	
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,331	74,689	SH	SOLE	1	74,689	0	0	
LAUREATE EDUCATION INC A	COM	518613203	701	66,742	SH	SOLE	1	66,742	0	0	
LAWSON PRODUCTS INC	COM	520776105	66	2,473	SH	SOLE	1	2,473	0	0	
LAZARD LTD CL A	CL A	G54050102	45	1,904	SH	SOLE	1	1,904	0	0	
LCI INDUSTRIES	COM	50189K103	1,126	16,847	SH	SOLE	1	16,847	0	0	
LCNB CORPORATION	COM	50181P100	91	7,195	SH	SOLE	1	7,195	0	0	
LEAF GROUP LTD	COM	52177G102	14	10,369	SH	SOLE	1	10,369	0	0	
LEAR CORP	COM	521865204	9,384	115,496	SH	SOLE	1	115,496	0	0	
LEE ENTERPRISES	COM	523768109	31	31,696	SH	SOLE	1	31,696	0	0	
LEGACY HOUSING CORP	COM	52472M101	32	3,416	SH	SOLE	1	3,416	0	0	
LEGG MASON INC	COM	524901105	9,524	194,965	SH	SOLE	1	194,965	0	0	
LEGGETT & PLATT INC	COM	524660107	1,211	45,373	SH	SOLE	1	45,373	0	0	
LEIDOS HOLDINGS INC	COM	525327102	4,193	45,748	SH	SOLE	1	45,748	0	0	
LEMAITRE VASCULAR INC	COM	525558201	282	11,306	SH	SOLE	1	11,306	0	0	
LENDINGCLUB CORP	COM	52603A208	312	39,739	SH	SOLE	1	39,739	0	0	
LENDINGTREE INC	COM	52603B107	2,752	15,006	SH	SOLE	1	15,006	0	0	
LENNAR CORP B SHS	COM	526057302	9	297	SH	SOLE	1	297	0	0	
LENNAR CORP A	COM	526057104	4,535	118,714	SH	SOLE	1	118,714	0	0	
LENNOX INTERNATIONAL INC	COM	526107107	12,468	68,586	SH	SOLE	1	68,586	0	0	
LEVEL ONE BANCORP INC	COM	52730D208	55	3,046	SH	SOLE	1	3,046	0	0	
LEXICON PHARMACEUTICALS INC	COM	528872302	48	24,569	SH	SOLE	1	24,569	0	0	
LEXINGTON REALTY TRUST	COM	529043101	1,658	166,920	SH	SOLE	1	166,920	0	0	
LGI HOMES INC	COM	50187T106	631	13,975	SH	SOLE	1	13,975	0	0	
LHC GROUP INC	COM	50187A107	2,897	20,661	SH	SOLE	1	20,661	0	0	
LIBERTY BROADBAND A	COM	530307107	43	400	SH	SOLE	1	400	0	0	
LIBERTY BROADBAND C	COM	530307305	190	1,718	SH	SOLE	1	1,718	0	0	
LIBERTY GLOBAL PLC C	COM	G5480U120	410	26,103	SH	SOLE	1	26,103	0	0	
LIBERTY GLOBAL PLC A	COM	G5480U104	178	10,798	SH	SOLE	1	10,798	0	0	
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	288	27,378	SH	SOLE	1	27,378	0	0	
LIBERTY LATIN AMERIC CL C	COM	G9001E128	691	67,397	SH	SOLE	1	67,397	0	0	
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	1,750	55,211	SH	SOLE	1	55,211	0	0	
LIBERTY MEDIA COR	COM	531229607	79	2,512	SH	SOLE	1	2,512	0	0	

SIRIUSXM C										
LIBERTY MEDIA CORP BRAVES A	COM	531229706	115	5,889	SH	SOLE	1	5,889	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	407	21,334	SH	SOLE	1	21,334	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	10	405	SH	SOLE	1	405	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	88	3,216	SH	SOLE	1	3,216	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	85	31,507	SH	SOLE	1	31,507	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	77	42,989	SH	SOLE	1	42,989	0	0
LIFE STORAGE INC	COM	53223X107	8,601	90,968	SH	SOLE	1	90,968	0	0
LIFETIME BRANDS INC	COM	53222Q103	40	7,023	SH	SOLE	1	7,023	0	0
LIFEVANTAGE CORP	COM	53222K205	85	8,282	SH	SOLE	1	8,282	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	3,058	42,052	SH	SOLE	1	42,052	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	390	68,441	SH	SOLE	1	68,441	0	0
LIMONEIRA CO	COM	532746104	121	9,258	SH	SOLE	1	9,258	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	8,250	119,564	SH	SOLE	1	119,564	0	0
LINCOLN NATIONAL CORP	COM	534187109	2,149	81,667	SH	SOLE	1	81,667	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	57	13,589	SH	SOLE	1	13,589	0	0
LINDE PLC	COM	G5494J103	34,418	198,948	SH	SOLE	1	198,948	0	0
LINDSAY CORP	COM	535555106	680	7,429	SH	SOLE	1	7,429	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	53	64,022	SH	SOLE	1	64,022	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	5	829	SH	SOLE	1	829	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	10	1,865	SH	SOLE	1	1,865	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	37	7,946	SH	SOLE	1	7,946	0	0
LIQUIDITY SERVICES INC	COM	53635B107	71	18,294	SH	SOLE	1	18,294	0	0
LITHIA MOTORS INC CL A	CL A	536797103	1,263	15,448	SH	SOLE	1	15,448	0	0
LITTELFUSE INC	COM	537008104	6,336	47,488	SH	SOLE	1	47,488	0	0
LIVANOVA PLC	COM	G5509L101	5,536	122,344	SH	SOLE	1	122,344	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,676	58,861	SH	SOLE	1	58,861	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	193	15,472	SH	SOLE	1	15,472	0	0
LIVENT CORP	COM	53814L108	529	100,827	SH	SOLE	1	100,827	0	0
LIVEPERSON INC	COM	538146101	971	42,666	SH	SOLE	1	42,666	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	5,616	170,598	SH	SOLE	1	170,598	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	31	19,763	SH	SOLE	1	19,763	0	0
LIVONGO HEALTH INC	COM	539183103	869	30,466	SH	SOLE	1	30,466	0	0
LKQ CORP	COM	501889208	2,474	120,643	SH	SOLE	1	120,643	0	0
LOCKHEED MARTIN CORP	COM	539830109	39,140	115,475	SH	SOLE	1	115,475	0	0
LOEWS CORP	COM	540424108	4,320	124,022	SH	SOLE	1	124,022	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	24	4,916	SH	SOLE	1	4,916	0	0
LOGMEIN INC	COM	54142L109	7,927	95,183	SH	SOLE	1	95,183	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	124	7,600	SH	SOLE	1	7,600	0	0
LOUISIANA PACIFIC CORP	COM	546347105	5,048	293,854	SH	SOLE	1	293,854	0	0
LOVESAC CO/THE	COM	54738L109	30	5,200	SH	SOLE	1	5,200	0	0
LOWE S COS INC	COM	548661107	24,325	282,683	SH	SOLE	1	282,683	0	0

LPL FINANCIAL HOLDINGS INC	COM	50212V100	100	1,830	SH	SOLE	1	1,830	0	0
LSB INDUSTRIES INC	COM	502160104	32	15,409	SH	SOLE	1	15,409	0	0
LTC PROPERTIES INC	COM	502175102	838	27,120	SH	SOLE	1	27,120	0	0
LULULEMON ATHLETICA INC	COM	550021109	1,898	10,011	SH	SOLE	1	10,011	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	92	19,636	SH	SOLE	1	19,636	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	14,267	193,586	SH	SOLE	1	193,586	0	0
LUMINEX CORP	COM	55027E102	795	28,894	SH	SOLE	1	28,894	0	0
LUTHER BURBANK CORP	COM	550550107	108	11,815	SH	SOLE	1	11,815	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	230	16,233	SH	SOLE	1	16,233	0	0
LYDALL INC	COM	550819106	76	11,774	SH	SOLE	1	11,774	0	0
LYFT INC A	COM	55087P104	89	3,314	SH	SOLE	1	3,314	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	152,267	3,068,041	SH	SOLE	1	3,068,041	0	0
M & T BANK CORP	COM	55261F104	5,814	56,210	SH	SOLE	1	56,210	0	0
M/I HOMES INC	COM	55305B101	310	18,744	SH	SOLE	1	18,744	0	0
MACATAWA BANK CORP	COM	554225102	110	15,396	SH	SOLE	1	15,396	0	0
MACERICH CO/THE	COM	554382101	1,213	215,381	SH	SOLE	1	215,381	0	0
MACK CALI REALTY CORP	COM	554489104	3,448	226,405	SH	SOLE	1	226,405	0	0
MACKINAC FINANCIAL CORP	COM	554571109	57	5,458	SH	SOLE	1	5,458	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	515	27,202	SH	SOLE	1	27,202	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	30	1,195	SH	SOLE	1	1,195	0	0
MACROGENICS INC	COM	556099109	164	28,217	SH	SOLE	1	28,217	0	0
MACY S INC	COM	55616P104	516	105,107	SH	SOLE	1	105,107	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	67	317	SH	SOLE	1	317	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	357	5,342	SH	SOLE	1	5,342	0	0
MAGELLAN HEALTH INC	COM	559079207	725	15,079	SH	SOLE	1	15,079	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	71	11,373	SH	SOLE	1	11,373	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	239	59,828	SH	SOLE	1	59,828	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	70	4,203	SH	SOLE	1	4,203	0	0
MAJESCO	COM	56068V102	25	4,491	SH	SOLE	1	4,491	0	0
MALIBU BOATS INC A	COM	56117J100	348	12,079	SH	SOLE	1	12,079	0	0
MALLINCKRODT PLC	COM	G5785G107	98	49,747	SH	SOLE	1	49,747	0	0
MALVERN BANCORP INC	COM	561409103	55	4,471	SH	SOLE	1	4,471	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	6	7,694	SH	SOLE	1	7,694	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	6,228	125,020	SH	SOLE	1	125,020	0	0
MANITOWOC COMPANY INC	COM	563571405	177	20,772	SH	SOLE	1	20,772	0	0
MANNKIND CORP	COM	56400P706	114	110,999	SH	SOLE	1	110,999	0	0
MANPOWERGROUP INC	COM	56418H100	6,866	129,579	SH	SOLE	1	129,579	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,340	18,435	SH	SOLE	1	18,435	0	0
MARATHON OIL CORP	COM	565849106	1,182	359,407	SH	SOLE	1	359,407	0	0
MARATHON PETROLEUM CORP	COM	56585A102	5,284	223,693	SH	SOLE	1	223,693	0	0
MARCHEX INC CLASS B	COM	56624R108	31	21,250	SH	SOLE	1	21,250	0	0

MARCUS & MILLICHAP INC	COM	566324109	429	15,845	SH	SOLE	1	15,845	0	0
MARCUS CORPORATION	COM	566330106	190	15,446	SH	SOLE	1	15,446	0	0
MARINE PRODUCTS CORP	COM	568427108	35	4,374	SH	SOLE	1	4,374	0	0
MARINEMAX INC	COM	567908108	151	14,536	SH	SOLE	1	14,536	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	99	48,649	SH	SOLE	1	48,649	0	0
MARKEL CORP	COM	570535104	212	229	SH	SOLE	1	229	0	0
MARKER THERAPEUTICS INC	COM	57055L107	30	16,041	SH	SOLE	1	16,041	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	4,452	13,388	SH	SOLE	1	13,388	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	57	5,108	SH	SOLE	1	5,108	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	8,174	109,264	SH	SOLE	1	109,264	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	5,385	96,880	SH	SOLE	1	96,880	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	25	30,715	SH	SOLE	1	30,715	0	0
MARSH & MCLENNAN COS	COM	571748102	16,468	190,466	SH	SOLE	1	190,466	0	0
MARTEN TRANSPORT LTD	COM	573075108	553	26,948	SH	SOLE	1	26,948	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	4,858	25,671	SH	SOLE	1	25,671	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	245	10,808	SH	SOLE	1	10,808	0	0
MASCO CORP	COM	574599106	4,607	133,275	SH	SOLE	1	133,275	0	0
MASIMO CORP	COM	574795100	16,994	95,944	SH	SOLE	1	95,944	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	692	14,584	SH	SOLE	1	14,584	0	0
MASTEC INC	COM	576323109	4,980	152,152	SH	SOLE	1	152,152	0	0
MASTERCARD INC A	COM	57636Q104	80,976	335,223	SH	SOLE	1	335,223	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	80	10,899	SH	SOLE	1	10,899	0	0
MATADOR RESOURCES CO	COM	576485205	689	277,773	SH	SOLE	1	277,773	0	0
MATCH GROUP INC	COM	57665R106	81	1,225	SH	SOLE	1	1,225	0	0
MATERION CORP	COM	576690101	489	13,973	SH	SOLE	1	13,973	0	0
MATRIX SERVICE CO	COM	576853105	173	18,253	SH	SOLE	1	18,253	0	0
MATSON INC	COM	57686G105	896	29,275	SH	SOLE	1	29,275	0	0
MATTEL INC	COM	577081102	5,970	677,602	SH	SOLE	1	677,602	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	508	21,007	SH	SOLE	1	21,007	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	44	3,997	SH	SOLE	1	3,997	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	378	35,381	SH	SOLE	1	35,381	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	6,625	136,292	SH	SOLE	1	136,292	0	0
MAXIMUS INC	COM	577933104	9,393	161,387	SH	SOLE	1	161,387	0	0
MAXLINEAR INC	COM	57776J100	529	45,362	SH	SOLE	1	45,362	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	23	3,732	SH	SOLE	1	3,732	0	0
MBIA INC	COM	55262C100	318	44,540	SH	SOLE	1	44,540	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	7,224	51,160	SH	SOLE	1	51,160	0	0
MCDONALD S CORP	COM	580135101	53,154	321,462	SH	SOLE	1	321,462	0	0
MCGRATH RENTCORP	COM	580589109	751	14,332	SH	SOLE	1	14,332	0	0
MCKESSON CORP	COM	58155Q103	7,446	55,051	SH	SOLE	1	55,051	0	0
MDC HOLDINGS INC	COM	552676108	805	34,703	SH	SOLE	1	34,703	0	0
MDC PARTNERS INC A	COM	552697104	49	33,489	SH	SOLE	1	33,489	0	0

MDU RESOURCES GROUP INC	COM	552690109	8,401	390,745	SH	SOLE	1	390,745	0	0
MEDALLIA INC	COM	584021109	29	1,456	SH	SOLE	1	1,456	0	0
MEDALLION FINANCIAL CORP	COM	583928106	23	12,214	SH	SOLE	1	12,214	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	17,446	1,008,994	SH	SOLE	1	1,008,994	0	0
MEDICINOVA INC	COM	58468P206	92	24,811	SH	SOLE	1	24,811	0	0
MEDIFAST INC	COM	58470H101	480	7,674	SH	SOLE	1	7,674	0	0
MEDNAX INC	COM	58502B106	2,506	215,298	SH	SOLE	1	215,298	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,392	18,966	SH	SOLE	1	18,966	0	0
MEDTRONIC PLC	COM	G5960L103	42,102	466,865	SH	SOLE	1	466,865	0	0
MEET GROUP INC/THE	COM	58513U101	240	40,913	SH	SOLE	1	40,913	0	0
MEI PHARMA INC	COM	55279B202	97	59,983	SH	SOLE	1	59,983	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	136	10,135	SH	SOLE	1	10,135	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	303	24,430	SH	SOLE	1	24,430	0	0
MENLO THERAPEUTICS INC	COM	586858102	74	27,438	SH	SOLE	1	27,438	0	0
MERCADOLIBRE INC	COM	58733R102	1,445	2,957	SH	SOLE	1	2,957	0	0
MERCANTILE BANK CORP	COM	587376104	201	9,497	SH	SOLE	1	9,497	0	0
MERCER INTERNATIONAL INC	COM	588056101	28	3,837	SH	SOLE	1	3,837	0	0
MERCHANTS BANCORP/IN	COM	58844R108	77	5,103	SH	SOLE	1	5,103	0	0
MERCK & CO. INC.	COM	58933Y105	65,222	847,697	SH	SOLE	1	847,697	0	0
MERCURY GENERAL CORP	COM	589400100	2,154	52,898	SH	SOLE	1	52,898	0	0
MERCURY SYSTEMS INC	COM	589378108	9,953	139,520	SH	SOLE	1	139,520	0	0
MEREDITH CORP	COM	589433101	1,238	101,304	SH	SOLE	1	101,304	0	0
MERIDIAN BANCORP INC	COM	58958U103	319	28,403	SH	SOLE	1	28,403	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	244	29,028	SH	SOLE	1	29,028	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,157	37,011	SH	SOLE	1	37,011	0	0
MERITAGE HOMES CORP	COM	59001A102	909	24,900	SH	SOLE	1	24,900	0	0
MERITOR INC	COM	59001K100	651	49,131	SH	SOLE	1	49,131	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	124	21,260	SH	SOLE	1	21,260	0	0
MESA AIR GROUP INC	COM	590479135	56	17,074	SH	SOLE	1	17,074	0	0
MESA LABORATORIES INC	COM	59064R109	622	2,751	SH	SOLE	1	2,751	0	0
META FINANCIAL GROUP INC	COM	59100U108	508	23,371	SH	SOLE	1	23,371	0	0
METHODE ELECTRONICS INC	COM	591520200	666	25,192	SH	SOLE	1	25,192	0	0
METLIFE INC	COM	59156R108	7,739	253,161	SH	SOLE	1	253,161	0	0
METROCITY BANKSHARES INC	COM	59165J105	110	9,403	SH	SOLE	1	9,403	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	112	4,153	SH	SOLE	1	4,153	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	6,489	9,397	SH	SOLE	1	9,397	0	0
MFA FINANCIAL INC	COM	55272X102	11	7,305	SH	SOLE	1	7,305	0	0
MGE ENERGY INC	COM	55277P104	1,353	20,665	SH	SOLE	1	20,665	0	0
MGIC INVESTMENT CORP	COM	552848103	1,151	181,261	SH	SOLE	1	181,261	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	2,091	177,220	SH	SOLE	1	177,220	0	0
MGP INGREDIENTS INC	COM	55303J106	241	8,957	SH	SOLE	1	8,957	0	0

MICHAELS COS INC/THE	COM	59408Q106	88	54,273	SH	SOLE	1	54,273	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	7,011	103,413	SH	SOLE	1	103,413	0	0
MICRON TECHNOLOGY INC	COM	595112103	20,118	478,327	SH	SOLE	1	478,327	0	0
MICROSOFT CORP	COM	594918104	492,987	3,125,911	SH	SOLE	1	3,125,911	0	0
MICROSTRATEGY INC CL A	CL A	594972408	662	5,606	SH	SOLE	1	5,606	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,151	40,292	SH	SOLE	1	40,292	0	0
MID PENN BANCORP INC	COM	59540G107	83	4,081	SH	SOLE	1	4,081	0	0
MIDDLEBY CORP	COM	596278101	72	1,260	SH	SOLE	1	1,260	0	0
MIDDLESEX WATER CO	COM	596680108	604	10,047	SH	SOLE	1	10,047	0	0
MIDLAND STATES BANCORP INC	COM	597742105	227	12,984	SH	SOLE	1	12,984	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	147	7,027	SH	SOLE	1	7,027	0	0
MILLENDO THERAPEUTICS INC	COM	60040X103	39	7,342	SH	SOLE	1	7,342	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	185	6,542	SH	SOLE	1	6,542	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	3,184	87,808	SH	SOLE	1	87,808	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	105	17,506	SH	SOLE	1	17,506	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,353	17,605	SH	SOLE	1	17,605	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	43	3,083	SH	SOLE	1	3,083	0	0
MISONIX INC	COM	604871103	51	5,373	SH	SOLE	1	5,373	0	0
MISTRAS GROUP INC	COM	60649T107	45	10,655	SH	SOLE	1	10,655	0	0
MITEK SYSTEMS INC	COM	606710200	185	23,532	SH	SOLE	1	23,532	0	0
MKS INSTRUMENTS INC	COM	55306N104	8,657	106,292	SH	SOLE	1	106,292	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	70	2,847	SH	SOLE	1	2,847	0	0
MOBILE MINI INC	COM	60740F105	792	30,212	SH	SOLE	1	30,212	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	59	7,742	SH	SOLE	1	7,742	0	0
MOBILEIRON INC	COM	60739U204	222	58,340	SH	SOLE	1	58,340	0	0
MODEL N INC	COM	607525102	438	19,733	SH	SOLE	1	19,733	0	0
MODERNA INC	COM	60770K107	148	4,932	SH	SOLE	1	4,932	0	0
MODINE MANUFACTURING CO	COM	607828100	95	29,320	SH	SOLE	1	29,320	0	0
MOELIS & CO CLASS A	COM	60786M105	790	28,113	SH	SOLE	1	28,113	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,541	20,212	SH	SOLE	1	20,212	0	0
MOLECULAR TEMPLATES INC	COM	608550109	160	12,023	SH	SOLE	1	12,023	0	0
MOLINA HEALTHCARE INC	COM	60855R100	17,120	122,542	SH	SOLE	1	122,542	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,484	63,676	SH	SOLE	1	63,676	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	2,123	78,040	SH	SOLE	1	78,040	0	0
MOMO INC SPON ADR	ADR	60879B107	38	1,746	SH	SOLE	1	1,746	0	0
MONARCH CASINO & RESORT INC	COM	609027107	220	7,855	SH	SOLE	1	7,855	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	27,642	551,964	SH	SOLE	1	551,964	0	0
MONGODB INC	COM	60937P106	132	964	SH	SOLE	1	964	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	795	66,007	SH	SOLE	1	66,007	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	13,244	79,086	SH	SOLE	1	79,086	0	0

MONRO INC	COM	610236101	987	22,518	SH	SOLE	1	22,518	0	0
MONSTER BEVERAGE CORP	COM	61174X109	9,920	176,331	SH	SOLE	1	176,331	0	0
MONTAGE RESOURCES CORP	COM	61179L100	28	12,665	SH	SOLE	1	12,665	0	0
MOODY S CORP	COM	615369105	14,055	66,456	SH	SOLE	1	66,456	0	0
MOOG INC CLASS A	COM	615394202	1,084	21,454	SH	SOLE	1	21,454	0	0
MORGAN STANLEY	COM	617446448	12,824	377,179	SH	SOLE	1	377,179	0	0
MORNINGSTAR INC	COM	617700109	52	446	SH	SOLE	1	446	0	0
MORPHIC HOLDING INC	COM	61775R105	93	6,342	SH	SOLE	1	6,342	0	0
MOSAIC CO/THE	COM	61945C103	1,399	129,326	SH	SOLE	1	129,326	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	162	12,884	SH	SOLE	1	12,884	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	9,088	68,372	SH	SOLE	1	68,372	0	0
MOVADO GROUP INC	COM	624580106	129	10,891	SH	SOLE	1	10,891	0	0
MR COOPER GROUP INC	COM	62482R107	330	45,060	SH	SOLE	1	45,060	0	0
MRC GLOBAL INC	COM	55345K103	198	46,581	SH	SOLE	1	46,581	0	0
MSA SAFETY INC	COM	553498106	9,090	89,823	SH	SOLE	1	89,823	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	4,827	87,820	SH	SOLE	1	87,820	0	0
MSCI INC	COM	55354G100	9,674	33,477	SH	SOLE	1	33,477	0	0
MSG NETWORKS INC A	COM	553573106	259	25,436	SH	SOLE	1	25,436	0	0
MTS SYSTEMS CORP	COM	553777103	297	13,184	SH	SOLE	1	13,184	0	0
MUELLER INDUSTRIES INC	COM	624756102	917	38,296	SH	SOLE	1	38,296	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	744	92,927	SH	SOLE	1	92,927	0	0
MURPHY OIL CORP	COM	626717102	1,785	291,219	SH	SOLE	1	291,219	0	0
MURPHY USA INC	COM	626755102	6,173	73,175	SH	SOLE	1	73,175	0	0
MUSTANG BIO INC	COM	62818Q104	44	16,480	SH	SOLE	1	16,480	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	98	3,468	SH	SOLE	1	3,468	0	0
MVB FINANCIAL CORP	COM	553810102	72	5,674	SH	SOLE	1	5,674	0	0
MYERS INDUSTRIES INC	COM	628464109	262	24,404	SH	SOLE	1	24,404	0	0
MYLAN NV	COM	N59465109	2,617	175,537	SH	SOLE	1	175,537	0	0
MYOKARDIA INC	COM	62857M105	1,233	26,302	SH	SOLE	1	26,302	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	291	11,127	SH	SOLE	1	11,127	0	0
MYRIAD GENETICS INC	COM	62855J104	704	49,231	SH	SOLE	1	49,231	0	0
N B T BANCORP INC	COM	628778102	955	29,473	SH	SOLE	1	29,473	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	94	241,162	SH	SOLE	1	241,162	0	0
NACCO INDUSTRIES CL A	CL A	629579103	61	2,184	SH	SOLE	1	2,184	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	485	20,179	SH	SOLE	1	20,179	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	104	6,847	SH	SOLE	1	6,847	0	0
NASDAQ INC	COM	631103108	5,950	62,665	SH	SOLE	1	62,665	0	0
NATERA INC	COM	632307104	1,102	36,898	SH	SOLE	1	36,898	0	0
NATHAN S FAMOUS INC	COM	632347100	106	1,734	SH	SOLE	1	1,734	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	489	20,451	SH	SOLE	1	20,451	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	119	3,739	SH	SOLE	1	3,739	0	0
NATIONAL BEVERAGE CORP	COM	635017106	346	8,108	SH	SOLE	1	8,108	0	0
NATIONAL CINEMEDIA INC	COM	635309107	120	36,887	SH	SOLE	1	36,887	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	71	14,043	SH	SOLE	1	14,043	0	0
NATIONAL FUEL GAS CO	COM	636180101	6,275	168,270	SH	SOLE	1	168,270	0	0

NATIONAL GENERAL HLDGS	COM	636220303	664	40,126	SH	SOLE	1	40,126	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	519	7,236	SH	SOLE	1	7,236	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	7,617	230,266	SH	SOLE	1	230,266	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	1,526	155,217	SH	SOLE	1	155,217	0	0
NATIONAL PRESTO INDS INC	COM	637215104	243	3,427	SH	SOLE	1	3,427	0	0
NATIONAL RESEARCH CORP	COM	637372202	324	7,121	SH	SOLE	1	7,121	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	10,866	337,557	SH	SOLE	1	337,557	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,208	40,822	SH	SOLE	1	40,822	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	901	46,384	SH	SOLE	1	46,384	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	232	1,350	SH	SOLE	1	1,350	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,342	27,101	SH	SOLE	1	27,101	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	34	7,582	SH	SOLE	1	7,582	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	46	5,365	SH	SOLE	1	5,365	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	42	5,178	SH	SOLE	1	5,178	0	0
NATUS MEDICAL INC	COM	639050103	538	23,239	SH	SOLE	1	23,239	0	0
NAVIENT CORP	COM	63938C108	2,518	332,172	SH	SOLE	1	332,172	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	484	29,356	SH	SOLE	1	29,356	0	0
NCR CORPORATION	COM	62886E108	4,419	249,652	SH	SOLE	1	249,652	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	4	6,799	SH	SOLE	1	6,799	0	0
NEENAH INC	COM	640079109	497	11,522	SH	SOLE	1	11,522	0	0
NEKTAR THERAPEUTICS	COM	640268108	6,124	343,101	SH	SOLE	1	343,101	0	0
NELNET INC CL A	CL A	64031N108	481	10,598	SH	SOLE	1	10,598	0	0
NEOGEN CORP	COM	640491106	2,393	35,721	SH	SOLE	1	35,721	0	0
NEOGENOMICS INC	COM	64049M209	1,835	66,448	SH	SOLE	1	66,448	0	0
NEON THERAPEUTICS INC	COM	64050Y100	22	8,489	SH	SOLE	1	8,489	0	0
NEOPHOTONICS CORP	COM	64051T100	169	23,306	SH	SOLE	1	23,306	0	0
NETAPP INC	COM	64110D104	187,984	4,509,093	SH	SOLE	1	4,509,093	0	0
NETEASE INC ADR	ADR	64110W102	1,683	5,245	SH	SOLE	1	5,245	0	0
NETFLIX INC	COM	64110L106	71,034	189,172	SH	SOLE	1	189,172	0	0
NETGEAR INC	COM	64111Q104	469	20,528	SH	SOLE	1	20,528	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,008	169,323	SH	SOLE	1	169,323	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	180	2,078	SH	SOLE	1	2,078	0	0
NEURONETICS INC	COM	64131A105	15	7,897	SH	SOLE	1	7,897	0	0
NEVRO CORP	COM	64157F103	1,770	17,708	SH	SOLE	1	17,708	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	62	44,398	SH	SOLE	1	44,398	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	8,187	241,003	SH	SOLE	1	241,003	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	200	1,850	SH	SOLE	1	1,850	0	0
NEW RELIC INC	COM	64829B100	53	1,144	SH	SOLE	1	1,144	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	34	6,754	SH	SOLE	1	6,754	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	127	49,568	SH	SOLE	1	49,568	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	8,556	911,155	SH	SOLE	1	911,155	0	0

NEW YORK MORTGAGE TRUST INC	COM	649604501	401	258,963	SH	SOLE	1	258,963	0	0
NEW YORK TIMES CO A	COM	650111107	8,624	280,830	SH	SOLE	1	280,830	0	0
NEWELL BRANDS INC	COM	651229106	2,006	151,049	SH	SOLE	1	151,049	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	361	85,018	SH	SOLE	1	85,018	0	0
NEWMARKET CORP	COM	651587107	5,526	14,433	SH	SOLE	1	14,433	0	0
NEWMONT CORP	COM	651639106	12,626	278,844	SH	SOLE	1	278,844	0	0
NEWPARK RESOURCES INC	COM	651718504	55	61,266	SH	SOLE	1	61,266	0	0
NEWS CORP CLASS A	COM	65249B109	1,186	132,101	SH	SOLE	1	132,101	0	0
NEWS CORP CLASS B	COM	65249B208	372	41,413	SH	SOLE	1	41,413	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	350	13,897	SH	SOLE	1	13,897	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	55	952	SH	SOLE	1	952	0	0
NEXTCURE INC	COM	65343E108	316	8,526	SH	SOLE	1	8,526	0	0
NEXTDECADE CORP	COM	65342K105	14	7,430	SH	SOLE	1	7,430	0	0
NEXTERA ENERGY INC	COM	65339F101	38,533	160,141	SH	SOLE	1	160,141	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	386	37,013	SH	SOLE	1	37,013	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	110	94,329	SH	SOLE	1	94,329	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	178	14,455	SH	SOLE	1	14,455	0	0
NI HOLDINGS INC	COM	65342T106	77	5,649	SH	SOLE	1	5,649	0	0
NIC INC	COM	62914B100	1,043	45,347	SH	SOLE	1	45,347	0	0
NICOLET BANKSHARES INC	COM	65406E102	298	5,468	SH	SOLE	1	5,468	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	1,616	128,854	SH	SOLE	1	128,854	0	0
NIKE INC CL B	COM	654106103	33,881	409,490	SH	SOLE	1	409,490	0	0
NINE ENERGY SERVICE INC	COM	65441V101	8	9,409	SH	SOLE	1	9,409	0	0
NIO INC ADR	ADR	62914V106	19	6,788	SH	SOLE	1	6,788	0	0
NISOURCE INC	COM	65473P105	3,460	138,553	SH	SOLE	1	138,553	0	0
NL INDUSTRIES	COM	629156407	15	4,952	SH	SOLE	1	4,952	0	0
NLIGHT INC	COM	65487K100	205	19,564	SH	SOLE	1	19,564	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	529	45,595	SH	SOLE	1	45,595	0	0
NN INC	COM	629337106	43	24,835	SH	SOLE	1	24,835	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	13	510	SH	SOLE	1	510	0	0
NOBLE CORP PLC	COM	G65431101	44	170,772	SH	SOLE	1	170,772	0	0
NOBLE ENERGY INC	COM	655044105	1,225	202,743	SH	SOLE	1	202,743	0	0
NOODLES & CO	COM	65540B105	80	16,902	SH	SOLE	1	16,902	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	374	82,481	SH	SOLE	1	82,481	0	0
NORDSON CORP	COM	655663102	13,536	100,215	SH	SOLE	1	100,215	0	0
NORDSTROM INC	COM	655664100	1,014	66,109	SH	SOLE	1	66,109	0	0
NORFOLK SOUTHERN CORP	COM	655844108	14,239	97,528	SH	SOLE	1	97,528	0	0
NORTHEAST BANK	COM	66405S100	57	4,890	SH	SOLE	1	4,890	0	0
NORTHERN OIL AND GAS INC	COM	665531109	116	175,579	SH	SOLE	1	175,579	0	0
NORTHERN TRUST CORP	COM	665859104	6,598	87,442	SH	SOLE	1	87,442	0	0
NORTHFIELD BANCORP INC	COM	66611T108	336	29,993	SH	SOLE	1	29,993	0	0
NORTHRIM BANCORP INC	COM	666762109	103	3,819	SH	SOLE	1	3,819	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,695	51,877	SH	SOLE	1	51,877	0	0
NORTHWEST BANCSHARES INC	COM	667340103	799	69,035	SH	SOLE	1	69,035	0	0

NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,286	20,829	SH	SOLE	1	20,829	0	0
NORTHWEST PIPE CO	COM	667746101	126	5,665	SH	SOLE	1	5,665	0	0
NORTHWESTERN CORP	COM	668074305	7,631	127,550	SH	SOLE	1	127,550	0	0
NORTONLIFELOCK INC	COM	668771108	5,211	278,539	SH	SOLE	1	278,539	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	796	72,637	SH	SOLE	1	72,637	0	0
NORWOOD FINANCIAL CORP	COM	669549107	91	3,417	SH	SOLE	1	3,417	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,011	137,028	SH	SOLE	1	137,028	0	0
NOVANTA INC	COM	67000B104	1,593	19,938	SH	SOLE	1	19,938	0	0
NOVAVAX INC	COM	670002401	258	19,012	SH	SOLE	1	19,012	0	0
NOVOCURE LTD	COM	G6674U108	3,463	51,428	SH	SOLE	1	51,428	0	0
NOW INC	COM	67011P100	1,417	274,521	SH	SOLE	1	274,521	0	0
NRG ENERGY INC	COM	629377508	3,996	146,597	SH	SOLE	1	146,597	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	2,367	108,312	SH	SOLE	1	108,312	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	78	4,654	SH	SOLE	1	4,654	0	0
NUCOR CORP	COM	670346105	15,621	433,686	SH	SOLE	1	433,686	0	0
NUTANIX INC A	COM	67059N108	62	3,951	SH	SOLE	1	3,951	0	0
NUVASIVE INC	COM	670704105	6,659	131,448	SH	SOLE	1	131,448	0	0
NV5 GLOBAL INC	COM	62945V109	253	6,130	SH	SOLE	1	6,130	0	0
NVE CORP	COM	629445206	147	2,825	SH	SOLE	1	2,825	0	0
NVENT ELECTRIC PLC	COM	G6700G107	5,118	303,404	SH	SOLE	1	303,404	0	0
NVIDIA CORP	COM	67066G104	68,153	258,548	SH	SOLE	1	258,548	0	0
NVR INC	COM	62944T105	3,178	1,237	SH	SOLE	1	1,237	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	4,713	56,836	SH	SOLE	1	56,836	0	0
O I GLASS INC	COM	67098H104	2,158	303,483	SH	SOLE	1	303,483	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	10,311	34,249	SH	SOLE	1	34,249	0	0
OAK VALLEY BANCORP	COM	671807105	64	4,051	SH	SOLE	1	4,051	0	0
OASIS PETROLEUM INC	COM	674215108	76	216,790	SH	SOLE	1	216,790	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	3,987	344,343	SH	SOLE	1	344,343	0	0
OCEANEERING INTL INC	COM	675232102	200	68,138	SH	SOLE	1	68,138	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	515	32,364	SH	SOLE	1	32,364	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	124	25,003	SH	SOLE	1	25,003	0	0
OCWEN FINANCIAL CORP	COM	675746309	40	79,730	SH	SOLE	1	79,730	0	0
ODONATE THERAPEUTICS INC	COM	676079106	157	5,692	SH	SOLE	1	5,692	0	0
OFFICE DEPOT INC	COM	676220106	614	374,174	SH	SOLE	1	374,174	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	896	32,867	SH	SOLE	1	32,867	0	0
OFG BANCORP	COM	67103X102	390	34,864	SH	SOLE	1	34,864	0	0
OGE ENERGY CORP	COM	670837103	11,996	390,358	SH	SOLE	1	390,358	0	0
OHIO VALLEY BANC CORP	COM	677719106	73	2,451	SH	SOLE	1	2,451	0	0
OIL DRI CORP OF AMERICA	COM	677864100	104	3,113	SH	SOLE	1	3,113	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	84	41,268	SH	SOLE	1	41,268	0	0
OKTA INC	COM	679295105	291	2,383	SH	SOLE	1	2,383	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	4,405	33,559	SH	SOLE	1	33,559	0	0
OLD NATIONAL BANCORP	COM	680033107	1,535	116,407	SH	SOLE	1	116,407	0	0
OLD REPUBLIC INTL CORP	COM	680223104	8,485	556,419	SH	SOLE	1	556,419	0	0

OLD SECOND BANCORP INC	COM	680277100	119	17,169	SH	SOLE	1	17,169	0	0
OLIN CORP	COM	680665205	3,633	311,337	SH	SOLE	1	311,337	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	4,956	106,950	SH	SOLE	1	106,950	0	0
OLYMPIC STEEL INC	COM	68162K106	66	6,336	SH	SOLE	1	6,336	0	0
OMEGA FLEX INC	COM	682095104	145	1,715	SH	SOLE	1	1,715	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	11,407	429,818	SH	SOLE	1	429,818	0	0
OMEROS CORP	COM	682143102	405	30,285	SH	SOLE	1	30,285	0	0
OMNICELL INC	COM	68213N109	1,872	28,549	SH	SOLE	1	28,549	0	0
OMNICOM GROUP	COM	681919106	207,484	3,779,305	SH	SOLE	1	3,779,305	0	0
OMNOVA SOLUTIONS INC	COM	682129101	263	25,937	SH	SOLE	1	25,937	0	0
ON DECK CAPITAL INC	COM	682163100	53	34,403	SH	SOLE	1	34,403	0	0
ON SEMICONDUCTOR CORP	COM	682189105	83	6,641	SH	SOLE	1	6,641	0	0
ONCOCYTE CORP	COM	68235C107	32	13,247	SH	SOLE	1	13,247	0	0
ONE GAS INC	COM	68235P108	11,115	132,921	SH	SOLE	1	132,921	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	128	9,207	SH	SOLE	1	9,207	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	529	27,684	SH	SOLE	1	27,684	0	0
ONEOK INC	COM	682680103	3,980	182,504	SH	SOLE	1	182,504	0	0
ONESPAN INC	COM	68287N100	409	22,514	SH	SOLE	1	22,514	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	109	26,886	SH	SOLE	1	26,886	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	21	2,713	SH	SOLE	1	2,713	0	0
ONTO INNOVATION INC	COM	683344105	985	33,197	SH	SOLE	1	33,197	0	0
OOMA INC	COM	683416101	144	12,083	SH	SOLE	1	12,083	0	0
OP BANCORP	COM	67109R109	58	7,769	SH	SOLE	1	7,769	0	0
OPKO HEALTH INC	COM	68375N103	306	228,267	SH	SOLE	1	228,267	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	45	4,293	SH	SOLE	1	4,293	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	112	5,651	SH	SOLE	1	5,651	0	0
OPTIMIZERX CORP	COM	68401U204	74	8,168	SH	SOLE	1	8,168	0	0
OPTINOSE INC	COM	68404V100	74	16,390	SH	SOLE	1	16,390	0	0
OPTION CARE HEALTH INC	COM	68404L201	173	18,230	SH	SOLE	1	18,230	0	0
OPUS BANK	COM	684000102	260	15,030	SH	SOLE	1	15,030	0	0
ORACLE CORP	COM	68389X105	34,358	710,896	SH	SOLE	1	710,896	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	455	42,328	SH	SOLE	1	42,328	0	0
ORBCOMM INC	COM	68555P100	106	43,282	SH	SOLE	1	43,282	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	113	38,365	SH	SOLE	1	38,365	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	23	7,085	SH	SOLE	1	7,085	0	0
ORIGIN BANCORP INC	COM	68621T102	229	11,311	SH	SOLE	1	11,311	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	266	35,679	SH	SOLE	1	35,679	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,590	23,497	SH	SOLE	1	23,497	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	82	5,990	SH	SOLE	1	5,990	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	351	12,524	SH	SOLE	1	12,524	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	235	5,935	SH	SOLE	1	5,935	0	0
OSHKOSH CORP	COM	688239201	8,538	132,717	SH	SOLE	1	132,717	0	0
OSI SYSTEMS INC	COM	671044105	802	11,630	SH	SOLE	1	11,630	0	0
OSMOTICA PHARMACEUTICALS	COM	G6S41R101	17	5,214	SH	SOLE	1	5,214	0	0

PLC											
OTTER TAIL CORP	COM	689648103	1,038	23,346	SH	SOLE	1	23,346	0	0	
OUTFRONT MEDIA INC	COM	69007J106	111	8,214	SH	SOLE	1	8,214	0	0	
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	87	38,306	SH	SOLE	1	38,306	0	0	
OVERSTOCK.COM INC	COM	690370101	104	20,776	SH	SOLE	1	20,776	0	0	
OWENS & MINOR INC	COM	690732102	389	42,516	SH	SOLE	1	42,516	0	0	
OWENS CORNING	COM	690742101	8,233	212,124	SH	SOLE	1	212,124	0	0	
OXFORD INDUSTRIES INC	COM	691497309	416	11,482	SH	SOLE	1	11,482	0	0	
OYSTER POINT PHARMA INC	COM	69242L106	117	3,330	SH	SOLE	1	3,330	0	0	
P G & E CORP	COM	69331C108	78	8,634	SH	SOLE	1	8,634	0	0	
P.A.M. TRANSPORTATION SVCS	COM	693149106	35	1,128	SH	SOLE	1	1,128	0	0	
PACCAR INC	COM	693718108	10,011	163,764	SH	SOLE	1	163,764	0	0	
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	258	84,261	SH	SOLE	1	84,261	0	0	
PACIFIC DRILLING SA	COM	L7257P205	8	17,672	SH	SOLE	1	17,672	0	0	
PACIFIC MERCANTILE BANCORP	COM	694552100	54	11,515	SH	SOLE	1	11,515	0	0	
PACIFIC PREMIER BANCORP INC	COM	69478X105	756	40,115	SH	SOLE	1	40,115	0	0	
PACIRA BIOSCIENCES INC	COM	695127100	948	28,261	SH	SOLE	1	28,261	0	0	
PACKAGING CORP OF AMERICA	COM	695156109	4,703	54,168	SH	SOLE	1	54,168	0	0	
PACWEST BANCORP	COM	695263103	5,230	291,869	SH	SOLE	1	291,869	0	0	
PAGERDUTY INC	COM	69553P100	17	970	SH	SOLE	1	970	0	0	
PALATIN TECHNOLOGIES INC	COM	696077403	57	135,171	SH	SOLE	1	135,171	0	0	
PALO ALTO NETWORKS INC	COM	697435105	353	2,156	SH	SOLE	1	2,156	0	0	
PALOMAR HOLDINGS INC	COM	69753M105	636	10,943	SH	SOLE	1	10,943	0	0	
PANHANDLE OIL AND GAS INC A	COM	698477106	34	9,081	SH	SOLE	1	9,081	0	0	
PAPA JOHN S INTL INC	COM	698813102	2,974	55,721	SH	SOLE	1	55,721	0	0	
PAR PACIFIC HOLDINGS INC	COM	69888T207	174	24,501	SH	SOLE	1	24,501	0	0	
PAR TECHNOLOGY CORP/DEL	COM	698884103	88	6,846	SH	SOLE	1	6,846	0	0	
PARAMOUNT GROUP INC	COM	69924R108	28	3,179	SH	SOLE	1	3,179	0	0	
PARATEK PHARMACEUTICALS INC	COM	699374302	61	19,457	SH	SOLE	1	19,457	0	0	
PARETEUM CORP	COM	69946T207	31	76,220	SH	SOLE	1	76,220	0	0	
PARK AEROSPACE CORP	COM	70014A104	163	12,926	SH	SOLE	1	12,926	0	0	
PARK HOTELS & RESORTS INC	COM	700517105	3,693	466,815	SH	SOLE	1	466,815	0	0	
PARK NATIONAL CORP	COM	700658107	610	7,855	SH	SOLE	1	7,855	0	0	
PARK OHIO HOLDINGS CORP	COM	700666100	98	5,154	SH	SOLE	1	5,154	0	0	
PARKE BANCORP INC	COM	700885106	79	5,863	SH	SOLE	1	5,863	0	0	
PARKER HANNIFIN CORP	COM	701094104	6,773	52,208	SH	SOLE	1	52,208	0	0	
PARSLEY ENERGY INC CLASS A	COM	701877102	34	5,965	SH	SOLE	1	5,965	0	0	
PARSONS CORP	COM	70202L102	364	11,377	SH	SOLE	1	11,377	0	0	
PARTY CITY HOLDCO INC	COM	702149105	15	31,933	SH	SOLE	1	31,933	0	0	
PATRICK INDUSTRIES INC	COM	703343103	436	15,494	SH	SOLE	1	15,494	0	0	
PATTERSON COS INC	COM	703395103	3,304	216,090	SH	SOLE	1	216,090	0	0	
PATTERSON UTI	COM	703481101	891	379,285	SH	SOLE	1	379,285	0	0	

ENERGY INC											
PAYCHEX INC	COM	704326107	19,678	312,742	SH	SOLE	1	312,742	0	0	
PAYCOM SOFTWARE INC	COM	70432V102	3,507	17,359	SH	SOLE	1	17,359	0	0	
PAYLOCITY HOLDING CORP	COM	70438V106	69	784	SH	SOLE	1	784	0	0	
PAYPAL HOLDINGS INC	COM	70450Y103	48,239	503,851	SH	SOLE	1	503,851	0	0	
PAYSIGN INC	COM	70451A104	92	17,887	SH	SOLE	1	17,887	0	0	
PBF ENERGY INC CLASS A	COM	69318G106	1,408	198,937	SH	SOLE	1	198,937	0	0	
PC CONNECTION INC	COM	69318J100	318	7,722	SH	SOLE	1	7,722	0	0	
PCB BANCORP	COM	69320M109	70	7,200	SH	SOLE	1	7,200	0	0	
PCSB FINANCIAL CORP	COM	69324R104	128	9,178	SH	SOLE	1	9,178	0	0	
PDC ENERGY INC	COM	69327R101	426	68,552	SH	SOLE	1	68,552	0	0	
PDF SOLUTIONS INC	COM	693282105	227	19,400	SH	SOLE	1	19,400	0	0	
PDL BIOPHARMA INC	COM	69329Y104	188	66,692	SH	SOLE	1	66,692	0	0	
PDL COMMUNITY BANCORP	COM	69290X101	51	4,939	SH	SOLE	1	4,939	0	0	
PEABODY ENERGY CORP	COM	704551100	110	37,908	SH	SOLE	1	37,908	0	0	
PEAPACK GLADSTONE FINL CORP	COM	704699107	197	10,963	SH	SOLE	1	10,963	0	0	
PEBBLEBROOK HOTEL TRUST	COM	70509V100	3,590	329,634	SH	SOLE	1	329,634	0	0	
PEGASYSYSTEMS INC	COM	705573103	62	866	SH	SOLE	1	866	0	0	
PENN NATIONAL GAMING INC	COM	707569109	3,488	275,747	SH	SOLE	1	275,747	0	0	
PENN REAL ESTATE INVEST TST	COM	709102107	43	46,833	SH	SOLE	1	46,833	0	0	
PENN VIRGINIA CORP	COM	70788V102	29	9,314	SH	SOLE	1	9,314	0	0	
PENNANT GROUP INC/THE	COM	70805E109	248	17,485	SH	SOLE	1	17,485	0	0	
PENNS WOODS BANCORP INC	COM	708430103	99	4,061	SH	SOLE	1	4,061	0	0	
PENNYMAC FINANCIAL SERVICES	COM	70932M107	327	14,789	SH	SOLE	1	14,789	0	0	
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	723	68,120	SH	SOLE	1	68,120	0	0	
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	15	550	SH	SOLE	1	550	0	0	
PENTAIR PLC	COM	G7S00T104	1,701	57,164	SH	SOLE	1	57,164	0	0	
PENUMBRA INC	COM	70975L107	10,137	62,832	SH	SOLE	1	62,832	0	0	
PEOPLE S UNITED FINANCIAL	COM	712704105	1,669	151,012	SH	SOLE	1	151,012	0	0	
PEOPLE S UTAH BANCORP	COM	712706209	180	9,282	SH	SOLE	1	9,282	0	0	
PEOPLES BANCORP INC	COM	709789101	236	10,654	SH	SOLE	1	10,654	0	0	
PEOPLES BANCORP OF NC	COM	710577107	55	2,725	SH	SOLE	1	2,725	0	0	
PEOPLES FINANCIAL SERVICES	COM	711040105	162	4,080	SH	SOLE	1	4,080	0	0	
PEPSICO INC	COM	713448108	79,157	659,089	SH	SOLE	1	659,089	0	0	
PERDOCEO EDUCATION CORP	COM	71363P106	513	47,565	SH	SOLE	1	47,565	0	0	
PERFICIENT INC	COM	71375U101	597	22,038	SH	SOLE	1	22,038	0	0	
PERFORMANCE FOOD GROUP CO	COM	71377A103	1,678	67,895	SH	SOLE	1	67,895	0	0	
PERKINELMER INC	COM	714046109	3,097	41,146	SH	SOLE	1	41,146	0	0	
PERRIGO CO PLC	COM	G97822103	3,526	73,330	SH	SOLE	1	73,330	0	0	
PERSONALIS INC	COM	71535D106	90	11,111	SH	SOLE	1	11,111	0	0	
PERSPECTA INC	COM	715347100	6,361	348,747	SH	SOLE	1	348,747	0	0	
PETIQ INC	COM	71639T106	272	11,706	SH	SOLE	1	11,706	0	0	
PETMED EXPRESS INC	COM	716382106	390	13,535	SH	SOLE	1	13,535	0	0	
PFENEX INC	COM	717071104	156	17,661	SH	SOLE	1	17,661	0	0	
PFIZER INC	COM	717081103	272,943	8,362,237	SH	SOLE	1	8,362,237	0	0	

PGT INNOVATIONS INC	COM	69336V101	329	39,195	SH	SOLE	1	39,195	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	27	8,123	SH	SOLE	1	8,123	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	164	6,370	SH	SOLE	1	6,370	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	339	14,016	SH	SOLE	1	14,016	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	251,406	3,445,808	SH	SOLE	1	3,445,808	0	0
PHILLIPS 66	COM	718546104	9,059	168,859	SH	SOLE	1	168,859	0	0
PHOTRONICS INC	COM	719405102	453	44,108	SH	SOLE	1	44,108	0	0
PHREESIA INC	COM	71944F106	339	16,116	SH	SOLE	1	16,116	0	0
PHUNWARE INC	COM	71948P100	13	18,708	SH	SOLE	1	18,708	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	1,670	119,802	SH	SOLE	1	119,802	0	0
PICO HOLDINGS INC	COM	693366205	83	10,640	SH	SOLE	1	10,640	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,309	74,148	SH	SOLE	1	74,148	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	62	27,398	SH	SOLE	1	27,398	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,854	102,339	SH	SOLE	1	102,339	0	0
PINDUODUO INC ADR	ADR	722304102	87	2,403	SH	SOLE	1	2,403	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	163	8,154	SH	SOLE	1	8,154	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	5,271	140,400	SH	SOLE	1	140,400	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,898	38,231	SH	SOLE	1	38,231	0	0
PIONEER BANCORP INC/NY	COM	723561106	68	6,539	SH	SOLE	1	6,539	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	4,816	68,652	SH	SOLE	1	68,652	0	0
PIPER SANDLER COS	COM	724078100	481	9,508	SH	SOLE	1	9,508	0	0
PITNEY BOWES INC	COM	724479100	240	117,818	SH	SOLE	1	117,818	0	0
PJT PARTNERS INC A	COM	69343T107	581	13,388	SH	SOLE	1	13,388	0	0
PLANET FITNESS INC CL A	CL A	72703H101	91	1,865	SH	SOLE	1	1,865	0	0
PLANTRONICS INC	COM	727493108	233	23,151	SH	SOLE	1	23,151	0	0
PLAYAGS INC	COM	72814N104	42	15,751	SH	SOLE	1	15,751	0	0
PLEXUS CORP	COM	729132100	1,086	19,911	SH	SOLE	1	19,911	0	0
PLUG POWER INC	COM	72919P202	625	176,419	SH	SOLE	1	176,419	0	0
PLURALSIGHT INC A	COM	72941B106	16	1,415	SH	SOLE	1	1,415	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	17,974	187,780	SH	SOLE	1	187,780	0	0
PNM RESOURCES INC	COM	69349H107	7,642	201,115	SH	SOLE	1	201,115	0	0
POLARIS INC	COM	731068102	5,415	112,468	SH	SOLE	1	112,468	0	0
POLARITYTE INC	COM	731094108	14	12,642	SH	SOLE	1	12,642	0	0
POLYONE CORPORATION	COM	73179P106	4,850	255,648	SH	SOLE	1	255,648	0	0
POOL CORP	COM	73278L105	15,407	78,302	SH	SOLE	1	78,302	0	0
POPULAR INC	COM	733174700	54	1,534	SH	SOLE	1	1,534	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,549	53,164	SH	SOLE	1	53,164	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	322	45,135	SH	SOLE	1	45,135	0	0
POST HOLDINGS INC	COM	737446104	10,768	129,784	SH	SOLE	1	129,784	0	0
POTBELLY CORP	COM	73754Y100	38	12,305	SH	SOLE	1	12,305	0	0
POTLATCHDELTIC CORP	COM	737630103	5,310	169,159	SH	SOLE	1	169,159	0	0
POWELL INDUSTRIES INC	COM	739128106	157	6,123	SH	SOLE	1	6,123	0	0
POWER INTEGRATIONS	COM	739276103	1,730	19,587	SH	SOLE	1	19,587	0	0

INC											
PPD INC	COM	69355F102	24	1,366	SH	SOLE	1	1,366	0	0	
PPG INDUSTRIES INC	COM	693506107	7,417	88,720	SH	SOLE	1	88,720	0	0	
PPL CORP	COM	69351T106	7,726	313,029	SH	SOLE	1	313,029	0	0	
PQ GROUP HOLDINGS INC	COM	73943T103	244	22,426	SH	SOLE	1	22,426	0	0	
PRA GROUP INC	COM	69354N106	859	31,000	SH	SOLE	1	31,000	0	0	
PRA HEALTH SCIENCES INC	COM	69354M108	10,275	123,738	SH	SOLE	1	123,738	0	0	
PRECIGEN INC	COM	74017N105	146	42,987	SH	SOLE	1	42,987	0	0	
PRECISION BIOSCIENCES INC	COM	74019P108	128	21,268	SH	SOLE	1	21,268	0	0	
PREFERRED APARTMENT COMMUN A	COM	74039L103	195	27,099	SH	SOLE	1	27,099	0	0	
PREFERRED BANK/LOS ANGELES	COM	740367404	319	9,423	SH	SOLE	1	9,423	0	0	
PREFORMED LINE PRODUCTS CO	COM	740444104	91	1,819	SH	SOLE	1	1,819	0	0	
PREMIER FINANCIAL BANCORP	COM	74050M105	96	7,719	SH	SOLE	1	7,719	0	0	
PREMIER INC CLASS A	COM	74051N102	33	1,002	SH	SOLE	1	1,002	0	0	
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,658	126,997	SH	SOLE	1	126,997	0	0	
PREVAIL THERAPEUTICS INC	COM	74140Y101	101	8,307	SH	SOLE	1	8,307	0	0	
PRGX GLOBAL INC	COM	69357C503	34	12,095	SH	SOLE	1	12,095	0	0	
PRICESMART INC	COM	741511109	811	15,440	SH	SOLE	1	15,440	0	0	
PRIMEENERGY RESOURCES CORP	COM	74158E104	22	304	SH	SOLE	1	304	0	0	
PRIMERICA INC	COM	74164M108	7,153	80,844	SH	SOLE	1	80,844	0	0	
PRIMORIS SERVICES CORP	COM	74164F103	417	26,235	SH	SOLE	1	26,235	0	0	
PRINCIPAL FINANCIAL GROUP	COM	74251V102	3,008	95,983	SH	SOLE	1	95,983	0	0	
PRINCIPIA BIOPHARMA INC	COM	74257L108	647	10,892	SH	SOLE	1	10,892	0	0	
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	8	3,880	SH	SOLE	1	3,880	0	0	
PROASSURANCE CORP	COM	74267C106	918	36,712	SH	SOLE	1	36,712	0	0	
PROCTER & GAMBLE CO/THE	COM	742718109	110,091	1,000,829	SH	SOLE	1	1,000,829	0	0	
PROFESSIONAL HOLDING CORP A	COM	743139107	32	2,021	SH	SOLE	1	2,021	0	0	
PROGENICS PHARMACEUTICALS	COM	743187106	227	59,749	SH	SOLE	1	59,749	0	0	
PROGRESS SOFTWARE CORP	COM	743312100	991	30,978	SH	SOLE	1	30,978	0	0	
PROGRESSIVE CORP	COM	743315103	17,448	236,296	SH	SOLE	1	236,296	0	0	
PROGYNY INC	COM	74340E103	149	7,025	SH	SOLE	1	7,025	0	0	
PROLOGIS INC	COM	74340W103	22,718	282,672	SH	SOLE	1	282,672	0	0	
PROOFPOINT INC	COM	743424103	130	1,266	SH	SOLE	1	1,266	0	0	
PROPETRO HOLDING CORP	COM	74347M108	138	55,207	SH	SOLE	1	55,207	0	0	
PROS HOLDINGS INC	COM	74346Y103	612	19,736	SH	SOLE	1	19,736	0	0	
PROSIGHT GLOBAL INC	COM	74349J103	51	5,253	SH	SOLE	1	5,253	0	0	
PROSPERITY BANCSHARES INC	COM	743606105	8,883	184,109	SH	SOLE	1	184,109	0	0	
PROTAGONIST THERAPEUTICS INC	COM	74366E102	74	10,439	SH	SOLE	1	10,439	0	0	
PROTECTIVE INSURANCE CORP B	COM	74368L203	75	5,424	SH	SOLE	1	5,424	0	0	
PROTHENA CORP PLC	COM	G72800108	255	23,799	SH	SOLE	1	23,799	0	0	
PROTO LABS INC	COM	743713109	1,411	18,534	SH	SOLE	1	18,534	0	0	
PROVIDENCE SERVICE	COM	743815102	439	8,004	SH	SOLE	1	8,004	0	0	

CORP										
PROVIDENT BANCORP INC	COM	74383L105	44	5,103	SH	SOLE	1	5,103	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	53	3,468	SH	SOLE	1	3,468	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	539	41,893	SH	SOLE	1	41,893	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	77	5,179	SH	SOLE	1	5,179	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	9,029	173,168	SH	SOLE	1	173,168	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	6,855	50,582	SH	SOLE	1	50,582	0	0
PTC INC	COM	69370C100	12,448	203,373	SH	SOLE	1	203,373	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,595	35,759	SH	SOLE	1	35,759	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	7,725	172,014	SH	SOLE	1	172,014	0	0
PUBLIC STORAGE	COM	74460D109	10,904	54,904	SH	SOLE	1	54,904	0	0
PULSE BIOSCIENCES INC	COM	74587B101	48	6,656	SH	SOLE	1	6,656	0	0
PULTEGROUP INC	COM	745867101	1,973	88,418	SH	SOLE	1	88,418	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	154	18,210	SH	SOLE	1	18,210	0	0
PURE CYCLE CORP	COM	746228303	128	11,462	SH	SOLE	1	11,462	0	0
PURE STORAGE INC CLASS A	COM	74624M102	66	5,352	SH	SOLE	1	5,352	0	0
PURPLE INNOVATION INC	COM	74640Y106	28	4,926	SH	SOLE	1	4,926	0	0
PVH CORP	COM	693656100	1,185	31,486	SH	SOLE	1	31,486	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	16	5,048	SH	SOLE	1	5,048	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	47	10,455	SH	SOLE	1	10,455	0	0
Q2 HOLDINGS INC	COM	74736L109	1,527	25,850	SH	SOLE	1	25,850	0	0
QAD INC A	COM	74727D306	271	6,786	SH	SOLE	1	6,786	0	0
QCR HOLDINGS INC	COM	74727A104	236	8,736	SH	SOLE	1	8,736	0	0
QEP RESOURCES INC	COM	74733V100	55	164,447	SH	SOLE	1	164,447	0	0
QIAGEN N.V.	COM	N72482123	150	3,603	SH	SOLE	1	3,603	0	0
QORVO INC	COM	74736K101	3,253	40,339	SH	SOLE	1	40,339	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,142	36,928	SH	SOLE	1	36,928	0	0
QUAD GRAPHICS INC	COM	747301109	48	19,033	SH	SOLE	1	19,033	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,138	9,010	SH	SOLE	1	9,010	0	0
QUALCOMM INC	COM	747525103	33,545	495,860	SH	SOLE	1	495,860	0	0
QUALYS INC	COM	74758T303	2,012	23,125	SH	SOLE	1	23,125	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	229	22,712	SH	SOLE	1	22,712	0	0
QUANTA SERVICES INC	COM	74762E102	1,556	49,053	SH	SOLE	1	49,053	0	0
QUANTERIX CORP	COM	74766Q101	145	7,904	SH	SOLE	1	7,904	0	0
QUDIAN INC SPON ADR	ADR	747798106	1	647	SH	SOLE	1	647	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	6,272	78,108	SH	SOLE	1	78,108	0	0
QUIDEL CORP	COM	74838J101	2,072	21,182	SH	SOLE	1	21,182	0	0
QUINSTREET INC	COM	74874Q100	256	31,811	SH	SOLE	1	31,811	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	289	44,417	SH	SOLE	1	44,417	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	38	6,234	SH	SOLE	1	6,234	0	0
R1 RCM INC	COM	749397105	559	61,448	SH	SOLE	1	61,448	0	0
RA PHARMACEUTICALS INC	COM	74933V108	989	20,601	SH	SOLE	1	20,601	0	0
RADIAN GROUP INC	COM	750236101	2,877	222,133	SH	SOLE	1	222,133	0	0
RADIANT LOGISTICS INC	COM	75025X100	90	23,138	SH	SOLE	1	23,138	0	0

RADIUS HEALTH INC	COM	750469207	347	26,676	SH	SOLE	1	26,676	0	0
RADNET INC	COM	750491102	303	28,874	SH	SOLE	1	28,874	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	82	6,383	SH	SOLE	1	6,383	0	0
RALPH LAUREN CORP	COM	751212101	9,000	134,674	SH	SOLE	1	134,674	0	0
RAMACO RESOURCES INC	COM	75134P303	12	4,843	SH	SOLE	1	4,843	0	0
RAMBUS INC	COM	750917106	844	76,073	SH	SOLE	1	76,073	0	0
RANGE RESOURCES CORP	COM	75281A109	53	23,378	SH	SOLE	1	23,378	0	0
RAPID7 INC	COM	753422104	1,264	29,180	SH	SOLE	1	29,180	0	0
RAPT THERAPEUTICS INC	COM	75382E109	22	1,052	SH	SOLE	1	1,052	0	0
RAVEN INDUSTRIES INC	COM	754212108	524	24,664	SH	SOLE	1	24,664	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	2,667	42,198	SH	SOLE	1	42,198	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	36	33,678	SH	SOLE	1	33,678	0	0
RAYONIER INC	COM	754907103	5,939	252,177	SH	SOLE	1	252,177	0	0
RAYTHEON COMPANY	COM	755111507	12,916	98,480	SH	SOLE	1	98,480	0	0
RBB BANCORP	COM	74930B105	132	9,609	SH	SOLE	1	9,609	0	0
RBC BEARINGS INC	COM	75524B104	1,620	14,361	SH	SOLE	1	14,361	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	51	5,115	SH	SOLE	1	5,115	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	634	28,923	SH	SOLE	1	28,923	0	0
READING INTERNATIONAL INC A	COM	755408101	37	9,634	SH	SOLE	1	9,634	0	0
READY CAPITAL CORP	COM	75574U101	181	25,007	SH	SOLE	1	25,007	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	236	78,329	SH	SOLE	1	78,329	0	0
REALPAGE INC	COM	75606N109	96	1,805	SH	SOLE	1	1,805	0	0
REALREAL INC/THE	COM	88339P101	215	30,699	SH	SOLE	1	30,699	0	0
REALTY INCOME CORP	COM	756109104	6,151	123,375	SH	SOLE	1	123,375	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,936	13,414	SH	SOLE	1	13,414	0	0
RECRO PHARMA INC	COM	75629F109	95	11,619	SH	SOLE	1	11,619	0	0
RED LION HOTELS CORP	COM	756764106	21	14,268	SH	SOLE	1	14,268	0	0
RED RIVER BANCSHARES INC	COM	75686R202	108	2,907	SH	SOLE	1	2,907	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	76	8,922	SH	SOLE	1	8,922	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	353	41,334	SH	SOLE	1	41,334	0	0
REDFIN CORP	COM	75737F108	817	52,997	SH	SOLE	1	52,997	0	0
REDWOOD TRUST INC	COM	758075402	390	77,022	SH	SOLE	1	77,022	0	0
REGAL BELOIT CORP	COM	758750103	5,026	79,838	SH	SOLE	1	79,838	0	0
REGENCY CENTERS CORP	COM	758849103	2,190	56,975	SH	SOLE	1	56,975	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	17,926	36,711	SH	SOLE	1	36,711	0	0
REGENXBIO INC	COM	75901B107	737	22,765	SH	SOLE	1	22,765	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	69	5,069	SH	SOLE	1	5,069	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	3,889	433,521	SH	SOLE	1	433,521	0	0
REGIS CORP	COM	758932107	95	16,132	SH	SOLE	1	16,132	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	10,273	122,097	SH	SOLE	1	122,097	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	12,644	144,356	SH	SOLE	1	144,356	0	0
RELIANT BANCORP INC	COM	75956B101	68	6,044	SH	SOLE	1	6,044	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	12,874	86,220	SH	SOLE	1	86,220	0	0

RENASANT CORP	COM	75970E107	720	32,956	SH	SOLE	1	32,956	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	524	25,523	SH	SOLE	1	25,523	0	0
RENT A CENTER INC	COM	76009N100	480	33,931	SH	SOLE	1	33,931	0	0
REPLIGEN CORP	COM	759916109	11,734	121,550	SH	SOLE	1	121,550	0	0
REPLIMUNE GROUP INC	COM	76029N106	79	7,951	SH	SOLE	1	7,951	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	189	5,737	SH	SOLE	1	5,737	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	57	25,855	SH	SOLE	1	25,855	0	0
REPUBLIC SERVICES INC	COM	760759100	6,478	86,307	SH	SOLE	1	86,307	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,159	239,511	SH	SOLE	1	239,511	0	0
RESMED INC	COM	761152107	8,339	56,619	SH	SOLE	1	56,619	0	0
RESOURCES CONNECTION INC	COM	76122Q105	230	20,988	SH	SOLE	1	20,988	0	0
RESTORBIO INC	COM	76133L103	9	9,096	SH	SOLE	1	9,096	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	653	78,778	SH	SOLE	1	78,778	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	18	3,467	SH	SOLE	1	3,467	0	0
RETAIL VALUE INC	COM	76133Q102	108	8,832	SH	SOLE	1	8,832	0	0
RETROPHIN INC	COM	761299106	358	24,513	SH	SOLE	1	24,513	0	0
REV GROUP INC	COM	749527107	67	16,079	SH	SOLE	1	16,079	0	0
REVANCE THERAPEUTICS INC	COM	761330109	452	30,556	SH	SOLE	1	30,556	0	0
REVLON INC CLASS A	COM	761525609	45	4,086	SH	SOLE	1	4,086	0	0
REVOLUTION MEDICINES INC	COM	76155X100	183	8,361	SH	SOLE	1	8,361	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	179	3,857	SH	SOLE	1	3,857	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	2,892	70,508	SH	SOLE	1	70,508	0	0
REXNORD CORP	COM	76169B102	1,428	63,003	SH	SOLE	1	63,003	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	26	895	SH	SOLE	1	895	0	0
RGC RESOURCES INC	COM	74955L103	129	4,451	SH	SOLE	1	4,451	0	0
RH	COM	74967X103	4,180	41,604	SH	SOLE	1	41,604	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	264	17,350	SH	SOLE	1	17,350	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	107	35,329	SH	SOLE	1	35,329	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	76	7,431	SH	SOLE	1	7,431	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	155	99,580	SH	SOLE	1	99,580	0	0
RIGNET INC	COM	766582100	15	8,599	SH	SOLE	1	8,599	0	0
RIMINI STREET INC	COM	76674Q107	49	12,030	SH	SOLE	1	12,030	0	0
RING ENERGY INC	COM	76680V108	27	41,369	SH	SOLE	1	41,369	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	359	1,693	SH	SOLE	1	1,693	0	0
RITE AID CORP	COM	767754872	490	32,660	SH	SOLE	1	32,660	0	0
RIVERVIEW BANCORP INC	COM	769397100	63	12,590	SH	SOLE	1	12,590	0	0
RLI CORP	COM	749607107	8,865	100,817	SH	SOLE	1	100,817	0	0
RLJ LODGING TRUST	COM	74965L101	773	100,112	SH	SOLE	1	100,112	0	0
RMR GROUP INC/THE A	COM	74967R106	242	8,974	SH	SOLE	1	8,974	0	0
ROADRUNNER TRANSPORTATION SY	COM	76973Q204	5	2,112	SH	SOLE	1	2,112	0	0
ROBERT HALF INTL INC	COM	770323103	2,101	55,668	SH	SOLE	1	55,668	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	265	18,963	SH	SOLE	1	18,963	0	0

ROCKWELL AUTOMATION INC	COM	773903109	7,805	51,717	SH	SOLE	1	51,717	0	0
ROCKWELL MEDICAL INC	COM	774374102	79	38,755	SH	SOLE	1	38,755	0	0
ROCKY BRANDS INC	COM	774515100	79	4,105	SH	SOLE	1	4,105	0	0
ROGERS CORP	COM	775133101	1,203	12,736	SH	SOLE	1	12,736	0	0
ROKU INC	COM	77543R102	170	1,941	SH	SOLE	1	1,941	0	0
ROLLINS INC	COM	775711104	1,781	49,291	SH	SOLE	1	49,291	0	0
ROPER TECHNOLOGIES INC	COM	776696106	14,124	45,297	SH	SOLE	1	45,297	0	0
ROSEHILL RESOURCES INC	COM	777385105	3	6,247	SH	SOLE	1	6,247	0	0
ROSETTA STONE INC	COM	777780107	172	12,287	SH	SOLE	1	12,287	0	0
ROSS STORES INC	COM	778296103	13,441	154,552	SH	SOLE	1	154,552	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	1,881	58,466	SH	SOLE	1	58,466	0	0
ROYAL GOLD INC	COM	780287108	11,230	128,041	SH	SOLE	1	128,041	0	0
RPC INC	COM	749660106	81	39,318	SH	SOLE	1	39,318	0	0
RPM INTERNATIONAL INC	COM	749685103	15,053	252,996	SH	SOLE	1	252,996	0	0
RPT REALTY	COM	74971D101	325	53,945	SH	SOLE	1	53,945	0	0
RR DONNELLEY & SONS CO	COM	257867200	47	48,604	SH	SOLE	1	48,604	0	0
RTI SURGICAL HDS INC	COM	74975N105	58	33,627	SH	SOLE	1	33,627	0	0
RTW RETAILWINDS INC	COM	74980D100	4	17,959	SH	SOLE	1	17,959	0	0
RUBICON PROJECT INC/THE	COM	78112V102	161	29,037	SH	SOLE	1	29,037	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	92	20,684	SH	SOLE	1	20,684	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	81	2,665	SH	SOLE	1	2,665	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	514	16,107	SH	SOLE	1	16,107	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	127	18,951	SH	SOLE	1	18,951	0	0
RYDER SYSTEM INC	COM	783549108	2,747	103,903	SH	SOLE	1	103,903	0	0
RYERSON HOLDING CORP	COM	783754104	51	9,579	SH	SOLE	1	9,579	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	1,040	29,001	SH	SOLE	1	29,001	0	0
S & T BANCORP INC	COM	783859101	716	26,191	SH	SOLE	1	26,191	0	0
S&P GLOBAL INC	COM	78409V104	23,884	97,465	SH	SOLE	1	97,465	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	5,639	516,397	SH	SOLE	1	516,397	0	0
SABRE CORP	COM	78573M104	3,169	534,435	SH	SOLE	1	534,435	0	0
SAFE BULKERS INC	COM	Y7388L103	36	30,128	SH	SOLE	1	30,128	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	64	11,538	SH	SOLE	1	11,538	0	0
SAFEHOLD INC	COM	78645L100	556	8,796	SH	SOLE	1	8,796	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	856	10,144	SH	SOLE	1	10,144	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	62	2,250	SH	SOLE	1	2,250	0	0
SAGE THERAPEUTICS INC	COM	78667J108	33	1,162	SH	SOLE	1	1,162	0	0
SAIA INC	COM	78709Y105	1,312	17,841	SH	SOLE	1	17,841	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	773	50,765	SH	SOLE	1	50,765	0	0
SALESFORCE.COM INC	COM	79466L302	46,946	326,056	SH	SOLE	1	326,056	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	2,377	294,159	SH	SOLE	1	294,159	0	0
SANDERSON FARMS INC	COM	800013104	6,155	49,907	SH	SOLE	1	49,907	0	0
SANDRIDGE ENERGY INC	COM	80007P869	16	18,247	SH	SOLE	1	18,247	0	0

SANDY SPRING BANCORP INC	COM	800363103	463	20,450	SH	SOLE	1	20,450	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	433	68,004	SH	SOLE	1	68,004	0	0
SANMINA CORP	COM	801056102	1,292	47,348	SH	SOLE	1	47,348	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	23	1,669	SH	SOLE	1	1,669	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	157	1,605	SH	SOLE	1	1,605	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	57	2,646	SH	SOLE	1	2,646	0	0
SAUL CENTERS INC	COM	804395101	270	8,258	SH	SOLE	1	8,258	0	0
SAVARA INC	COM	805111101	44	20,538	SH	SOLE	1	20,538	0	0
SB ONE BANCORP	COM	78413T103	81	4,786	SH	SOLE	1	4,786	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	11,394	42,206	SH	SOLE	1	42,206	0	0
SCANSOURCE INC	COM	806037107	373	17,438	SH	SOLE	1	17,438	0	0
SCHLUMBERGER LTD	COM	806857108	7,940	588,599	SH	SOLE	1	588,599	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	17	902	SH	SOLE	1	902	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	201	15,419	SH	SOLE	1	15,419	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	126	10,391	SH	SOLE	1	10,391	0	0
SCHOLASTIC CORP	COM	807066105	521	20,420	SH	SOLE	1	20,420	0	0
SCHRODINGER INC	COM	80810D103	352	8,160	SH	SOLE	1	8,160	0	0
SCHWAB (CHARLES) CORP	COM	808513105	14,414	428,720	SH	SOLE	1	428,720	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	591	21,245	SH	SOLE	1	21,245	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,639	129,160	SH	SOLE	1	129,160	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	1,335	137,618	SH	SOLE	1	137,618	0	0
SCORPIO BULKERS INC	COM	Y7546A122	82	32,288	SH	SOLE	1	32,288	0	0
SCORPIO TANKERS INC	COM	Y7542C130	499	26,107	SH	SOLE	1	26,107	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	7,938	77,519	SH	SOLE	1	77,519	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	135	9,972	SH	SOLE	1	9,972	0	0
SEABOARD CORP	COM	811543107	11	4	SH	SOLE	1	4	0	0
SEACOAST BANKING CORP/FL	COM	811707801	638	34,824	SH	SOLE	1	34,824	0	0
SEACOR HOLDINGS INC	COM	811904101	323	11,982	SH	SOLE	1	11,982	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	51	11,661	SH	SOLE	1	11,661	0	0
SEADRILL LTD	COM	G7998G106	15	34,704	SH	SOLE	1	34,704	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	4,332	88,779	SH	SOLE	1	88,779	0	0
SEALED AIR CORP	COM	81211K100	1,301	52,646	SH	SOLE	1	52,646	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	105	12,849	SH	SOLE	1	12,849	0	0
SEATTLE GENETICS INC	COM	812578102	1,482	12,846	SH	SOLE	1	12,846	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	308	27,923	SH	SOLE	1	27,923	0	0
SECUREWORKS CORP A	COM	81374A105	56	4,830	SH	SOLE	1	4,830	0	0
SEI INVESTMENTS COMPANY	COM	784117103	11,425	246,540	SH	SOLE	1	246,540	0	0
SELECT BANCORP INC	COM	81617L108	71	9,296	SH	SOLE	1	9,296	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	111	34,423	SH	SOLE	1	34,423	0	0
SELECT INTERIOR CONCEPTS A	COM	816120307	25	12,281	SH	SOLE	1	12,281	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,131	75,431	SH	SOLE	1	75,431	0	0
SELECTIVE INSURANCE	COM	816300107	7,431	149,527	SH	SOLE	1	149,527	0	0

GROUP										
SEMPRA ENERGY	COM	816851109	10,937	96,797	SH	SOLE	1	96,797	0	0
SEMTECH CORP	COM	816850101	6,267	167,128	SH	SOLE	1	167,128	0	0
SENECA FOODS CORP CL A	CL A	817070501	180	4,523	SH	SOLE	1	4,523	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	86	2,969	SH	SOLE	1	2,969	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	46	72,494	SH	SOLE	1	72,494	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	4,652	106,923	SH	SOLE	1	106,923	0	0
SERES THERAPEUTICS INC	COM	81750R102	77	21,595	SH	SOLE	1	21,595	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	182	19,966	SH	SOLE	1	19,966	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,953	356,770	SH	SOLE	1	356,770	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	1,733	320,890	SH	SOLE	1	320,890	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	64	2,359	SH	SOLE	1	2,359	0	0
SERVICENOW INC	COM	81762P102	19,456	67,889	SH	SOLE	1	67,889	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	955	32,581	SH	SOLE	1	32,581	0	0
SFL CORP LTD	SHS	G7738W106	456	48,134	SH	SOLE	1	48,134	0	0
SHAKE SHACK INC CLASS A	COM	819047101	760	20,150	SH	SOLE	1	20,150	0	0
SHARPSRING INC	COM	820054104	39	6,412	SH	SOLE	1	6,412	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,619	32,879	SH	SOLE	1	32,879	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	13,231	28,794	SH	SOLE	1	28,794	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	501	15,087	SH	SOLE	1	15,087	0	0
SHOE CARNIVAL INC	COM	824889109	129	6,229	SH	SOLE	1	6,229	0	0
SHORE BANCSHARES INC	COM	825107105	79	7,322	SH	SOLE	1	7,322	0	0
SHOTSPOTTER INC	COM	82536T107	132	4,816	SH	SOLE	1	4,816	0	0
SHUTTERSTOCK INC	COM	825690100	423	13,138	SH	SOLE	1	13,138	0	0
SI BONE INC	COM	825704109	135	11,332	SH	SOLE	1	11,332	0	0
SIEBERT FINANCIAL CORP	COM	826176109	36	5,037	SH	SOLE	1	5,037	0	0
SIENTRA INC	COM	82621J105	45	22,822	SH	SOLE	1	22,822	0	0
SIERRA BANCORP	COM	82620P102	147	8,377	SH	SOLE	1	8,377	0	0
SIGA TECHNOLOGIES INC	COM	826917106	156	32,611	SH	SOLE	1	32,611	0	0
SIGNATURE BANK	COM	82669G104	8,476	105,436	SH	SOLE	1	105,436	0	0
SIGNET JEWELERS LTD	COM	G81276100	230	35,707	SH	SOLE	1	35,707	0	0
SILGAN HOLDINGS INC	COM	827048109	4,388	151,210	SH	SOLE	1	151,210	0	0
SILICON LABORATORIES INC	COM	826919102	9,338	109,328	SH	SOLE	1	109,328	0	0
SILK ROAD MEDICAL INC	COM	82710M100	300	9,520	SH	SOLE	1	9,520	0	0
SILVERBOW RESOURCES INC	COM	82836G102	10	4,189	SH	SOLE	1	4,189	0	0
SILVERCREST ASSET MANAGEMENT A	COM	828359109	48	5,124	SH	SOLE	1	5,124	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	18	1,891	SH	SOLE	1	1,891	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,240	67,367	SH	SOLE	1	67,367	0	0
SIMON PROPERTY GROUP INC	COM	828806109	7,195	131,158	SH	SOLE	1	131,158	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	941	48,853	SH	SOLE	1	48,853	0	0

SIMPSON MANUFACTURING CO INC	COM	829073105	1,884	30,389	SH	SOLE	1	30,389	0	0
SIMULATIONS PLUS INC	COM	829214105	247	7,072	SH	SOLE	1	7,072	0	0
SINA CORP	COM	G81477104	19	604	SH	SOLE	1	604	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	22	1,368	SH	SOLE	1	1,368	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,454	294,295	SH	SOLE	1	294,295	0	0
SITE CENTERS CORP	COM	82981J109	13	2,441	SH	SOLE	1	2,441	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,781	24,196	SH	SOLE	1	24,196	0	0
SITIME CORP	COM	82982T106	63	2,901	SH	SOLE	1	2,901	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	1,923	153,355	SH	SOLE	1	153,355	0	0
SJW GROUP	COM	784305104	900	15,585	SH	SOLE	1	15,585	0	0
SKECHERS USA INC CL A	CL A	830566105	6,206	261,415	SH	SOLE	1	261,415	0	0
SKYLINE CHAMPION CORP	COM	830830105	467	29,803	SH	SOLE	1	29,803	0	0
SKYWEST INC	COM	830879102	890	34,001	SH	SOLE	1	34,001	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	6,153	68,842	SH	SOLE	1	68,842	0	0
SL GREEN REALTY CORP	COM	78440X101	1,193	27,683	SH	SOLE	1	27,683	0	0
SLEEP NUMBER CORP	COM	83125X103	369	19,259	SH	SOLE	1	19,259	0	0
SLM CORP	COM	78442P106	5,919	823,267	SH	SOLE	1	823,267	0	0
SM ENERGY CO	COM	78454L100	93	76,509	SH	SOLE	1	76,509	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	226	9,283	SH	SOLE	1	9,283	0	0
SMART SAND INC	COM	83191H107	13	12,767	SH	SOLE	1	12,767	0	0
SMARTFINANCIAL INC	COM	83190L208	115	7,534	SH	SOLE	1	7,534	0	0
SMARTSHEET INC CLASS A	COM	83200N103	82	1,985	SH	SOLE	1	1,985	0	0
SMITH (A.O.) CORP	COM	831865209	1,767	46,743	SH	SOLE	1	46,743	0	0
SNAP ON INC	COM	833034101	11,075	101,777	SH	SOLE	1	101,777	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	7,697	94,006	SH	SOLE	1	94,006	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	97	18,410	SH	SOLE	1	18,410	0	0
SOLARWINDS CORP	COM	83417Q105	13	814	SH	SOLE	1	814	0	0
SOLID BIOSCIENCES INC	COM	83422E105	28	11,634	SH	SOLE	1	11,634	0	0
SOLITON INC	COM	834251100	27	3,292	SH	SOLE	1	3,292	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	222	16,743	SH	SOLE	1	16,743	0	0
SONIM TECHNOLOGIES INC	COM	83548F101	4	5,889	SH	SOLE	1	5,889	0	0
SONOCO PRODUCTS CO	COM	835495102	9,047	195,188	SH	SOLE	1	195,188	0	0
SONOS INC	COM	83570H108	402	47,426	SH	SOLE	1	47,426	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	142	77,151	SH	SOLE	1	77,151	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,593	63,703	SH	SOLE	1	63,703	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	93	5,990	SH	SOLE	1	5,990	0	0
SOUTH STATE CORP	COM	840441109	1,164	19,813	SH	SOLE	1	19,813	0	0
SOUTHERN CO/THE	COM	842587107	18,389	339,650	SH	SOLE	1	339,650	0	0
SOUTHERN COPPER CORP	COM	84265V105	23	832	SH	SOLE	1	832	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	119	4,192	SH	SOLE	1	4,192	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	112	4,598	SH	SOLE	1	4,598	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	115	11,669	SH	SOLE	1	11,669	0	0

SOUTHSIDE BANCSHARES INC	COM	84470P109	669	22,024	SH	SOLE	1	22,024	0	0
SOUTHWEST AIRLINES CO	COM	844741108	6,312	177,246	SH	SOLE	1	177,246	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	9,585	137,794	SH	SOLE	1	137,794	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	632	373,734	SH	SOLE	1	373,734	0	0
SP PLUS CORP	COM	78469C103	280	13,503	SH	SOLE	1	13,503	0	0
SPARK ENERGY INC CLASS A	COM	846511103	44	7,007	SH	SOLE	1	7,007	0	0
SPARTAN MOTORS INC	COM	846819100	258	19,956	SH	SOLE	1	19,956	0	0
SPARTANNASH CO	COM	847215100	354	24,711	SH	SOLE	1	24,711	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	10,676	298,720	SH	SOLE	1	298,720	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	60,468	234,600	SH	SOLE	1	234,600	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	2,261	8,600	SH	SOLE	1	8,600	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	27	736	SH	SOLE	1	736	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	179	76,828	SH	SOLE	1	76,828	0	0
SPERO THERAPEUTICS INC	COM	84833T103	62	7,626	SH	SOLE	1	7,626	0	0
SPIRE INC	COM	84857L101	9,535	128,018	SH	SOLE	1	128,018	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	54	2,274	SH	SOLE	1	2,274	0	0
SPIRIT AIRLINES INC	COM	848577102	524	40,613	SH	SOLE	1	40,613	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	84	8,136	SH	SOLE	1	8,136	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	5,085	194,474	SH	SOLE	1	194,474	0	0
SPLUNK INC	COM	848637104	1,584	12,549	SH	SOLE	1	12,549	0	0
SPOK HOLDINGS INC	COM	84863T106	129	12,095	SH	SOLE	1	12,095	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	155	25,121	SH	SOLE	1	25,121	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	359	2,958	SH	SOLE	1	2,958	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	167	6,180	SH	SOLE	1	6,180	0	0
SPRINT CORP	COM	85207U105	80	9,227	SH	SOLE	1	9,227	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	90	5,645	SH	SOLE	1	5,645	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,289	230,731	SH	SOLE	1	230,731	0	0
SPS COMMERCE INC	COM	78463M107	1,119	24,051	SH	SOLE	1	24,051	0	0
SPX CORP	COM	784635104	982	30,095	SH	SOLE	1	30,095	0	0
SPX FLOW INC	COM	78469X107	821	28,874	SH	SOLE	1	28,874	0	0
SQUARE INC A	COM	852234103	410	7,821	SH	SOLE	1	7,821	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	215	4,897	SH	SOLE	1	4,897	0	0
ST JOE CO/THE	COM	790148100	382	22,785	SH	SOLE	1	22,785	0	0
STAAR SURGICAL CO	COM	852312305	849	26,309	SH	SOLE	1	26,309	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,104	93,443	SH	SOLE	1	93,443	0	0
STAMPS.COM INC	COM	852857200	1,474	11,332	SH	SOLE	1	11,332	0	0
STANDARD MOTOR PRODS	COM	853666105	599	14,404	SH	SOLE	1	14,404	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	417	8,501	SH	SOLE	1	8,501	0	0
STANLEY BLACK & DECKER INC	COM	854502101	5,811	58,110	SH	SOLE	1	58,110	0	0
STARBUCKS CORP	COM	855244109	34,598	526,292	SH	SOLE	1	526,292	0	0
STARTEK INC	COM	85569C107	37	9,826	SH	SOLE	1	9,826	0	0
STARWOOD PROPERTY	COM	85571B105	45	4,434	SH	SOLE	1	4,434	0	0

TRUST INC										
STATE AUTO FINANCIAL CORP	COM	855707105	283	10,189	SH	SOLE	1	10,189	0	0
STATE STREET CORP	COM	857477103	7,839	147,148	SH	SOLE	1	147,148	0	0
STEEL DYNAMICS INC	COM	858119100	21,156	938,596	SH	SOLE	1	938,596	0	0
STEELCASE INC CL A	CL A	858155203	515	52,174	SH	SOLE	1	52,174	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	132	27,214	SH	SOLE	1	27,214	0	0
STEPAN CO	COM	858586100	1,242	14,039	SH	SOLE	1	14,039	0	0
STERICYCLE INC	COM	858912108	8,632	177,678	SH	SOLE	1	177,678	0	0
STERIS PLC	COM	G8473T100	4,716	33,690	SH	SOLE	1	33,690	0	0
STERLING BANCORP INC/MI	COM	85917W102	42	9,681	SH	SOLE	1	9,681	0	0
STERLING BANCORP/DE	COM	85917A100	4,116	393,908	SH	SOLE	1	393,908	0	0
STERLING CONSTRUCTION CO	COM	859241101	147	15,456	SH	SOLE	1	15,456	0	0
STEVEN MADDEN LTD	COM	556269108	1,327	57,145	SH	SOLE	1	57,145	0	0
STEWART INFORMATION SERVICES	COM	860372101	431	16,157	SH	SOLE	1	16,157	0	0
STIFEL FINANCIAL CORP	COM	860630102	7,083	171,574	SH	SOLE	1	171,574	0	0
STITCH FIX INC CLASS A	COM	860897107	311	24,478	SH	SOLE	1	24,478	0	0
STOCK YARDS BANCORP INC	COM	861025104	347	11,997	SH	SOLE	1	11,997	0	0
STOKE THERAPEUTICS INC	COM	86150R107	231	10,069	SH	SOLE	1	10,069	0	0
STONERIDGE INC	COM	86183P102	262	15,664	SH	SOLE	1	15,664	0	0
STORE CAPITAL CORP	COM	862121100	135	7,456	SH	SOLE	1	7,456	0	0
STRATASYS LTD	COM	M85548101	486	30,440	SH	SOLE	1	30,440	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,059	14,732	SH	SOLE	1	14,732	0	0
STRATUS PROPERTIES INC	COM	863167201	61	3,476	SH	SOLE	1	3,476	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	40	21,424	SH	SOLE	1	21,424	0	0
STRYKER CORP	COM	863667101	20,733	124,529	SH	SOLE	1	124,529	0	0
STURM RUGER & CO INC	COM	864159108	585	11,491	SH	SOLE	1	11,491	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	137	6,465	SH	SOLE	1	6,465	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	301	71,374	SH	SOLE	1	71,374	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,010	67,364	SH	SOLE	1	67,364	0	0
SUN COMMUNITIES INC	COM	866674104	322	2,577	SH	SOLE	1	2,577	0	0
SUNCOKE ENERGY INC	COM	86722A103	194	50,267	SH	SOLE	1	50,267	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	189	18,816	SH	SOLE	1	18,816	0	0
SUNPOWER CORP	COM	867652406	223	43,901	SH	SOLE	1	43,901	0	0
SUNRUN INC	COM	86771W105	751	74,368	SH	SOLE	1	74,368	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,248	143,322	SH	SOLE	1	143,322	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	53	6,304	SH	SOLE	1	6,304	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	616	34,221	SH	SOLE	1	34,221	0	0
SURGERY PARTNERS INC	COM	86881A100	94	14,392	SH	SOLE	1	14,392	0	0
SURMODICS INC	COM	868873100	302	9,058	SH	SOLE	1	9,058	0	0
SUTRO BIOPHARMA INC	COM	869367102	66	6,440	SH	SOLE	1	6,440	0	0
SVB FINANCIAL GROUP	COM	78486Q101	3,971	26,285	SH	SOLE	1	26,285	0	0
SVMK INC	COM	78489X103	694	51,398	SH	SOLE	1	51,398	0	0

SWITCH INC A	COM	87105L104	19	1,334	SH	SOLE	1	1,334	0	0
SYKES ENTERPRISES INC	COM	871237103	714	26,329	SH	SOLE	1	26,329	0	0
SYNALLOY CORP	COM	871565107	43	4,923	SH	SOLE	1	4,923	0	0
SYNAPTICS INC	COM	87157D109	4,918	84,984	SH	SOLE	1	84,984	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	70	22,999	SH	SOLE	1	22,999	0	0
SYNCHRONY FINANCIAL	COM	87165B103	3,668	227,941	SH	SOLE	1	227,941	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	145	13,253	SH	SOLE	1	13,253	0	0
SYNEOS HEALTH INC	COM	87166B102	6,201	157,300	SH	SOLE	1	157,300	0	0
SYNLOGIC INC	COM	87166L100	16	9,289	SH	SOLE	1	9,289	0	0
SYNNEX CORP	COM	87162W100	6,239	85,345	SH	SOLE	1	85,345	0	0
SYNOPSYS INC	COM	871607107	8,296	64,418	SH	SOLE	1	64,418	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	5,018	285,739	SH	SOLE	1	285,739	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	122	20,513	SH	SOLE	1	20,513	0	0
SYSCO CORP	COM	871829107	7,615	166,878	SH	SOLE	1	166,878	0	0
SYSTEMAX INC	COM	871851101	130	7,322	SH	SOLE	1	7,322	0	0
T MOBILE US INC	COM	872590104	12,872	153,421	SH	SOLE	1	153,421	0	0
T ROWE PRICE GROUP INC	COM	74144T108	14,180	145,211	SH	SOLE	1	145,211	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	702	13,431	SH	SOLE	1	13,431	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	510	12,691	SH	SOLE	1	12,691	0	0
TAILORED BRANDS INC	COM	87403A107	58	33,247	SH	SOLE	1	33,247	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,739	48,382	SH	SOLE	1	48,382	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	265	4,979	SH	SOLE	1	4,979	0	0
TALOS ENERGY INC	COM	87484T108	80	13,840	SH	SOLE	1	13,840	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,136	33,189	SH	SOLE	1	33,189	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	312	62,313	SH	SOLE	1	62,313	0	0
TAPESTRY INC	COM	876030107	9,504	733,873	SH	SOLE	1	733,873	0	0
TARGA RESOURCES CORP	COM	87612G101	26	3,726	SH	SOLE	1	3,726	0	0
TARGET CORP	COM	87612E106	17,329	186,390	SH	SOLE	1	186,390	0	0
TARGET HOSPITALITY CORP	COM	87615L107	38	19,236	SH	SOLE	1	19,236	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	4	824	SH	SOLE	1	824	0	0
TAUBMAN CENTERS INC	COM	876664103	4,998	119,340	SH	SOLE	1	119,340	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	3,665	333,137	SH	SOLE	1	333,137	0	0
TCF FINANCIAL CORP	COM	872307103	6,778	299,126	SH	SOLE	1	299,126	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	54	6,934	SH	SOLE	1	6,934	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	710	20,472	SH	SOLE	1	20,472	0	0
TE CONNECTIVITY LTD	COM	H84989104	7,337	116,495	SH	SOLE	1	116,495	0	0
TEAM INC	COM	878155100	134	20,544	SH	SOLE	1	20,544	0	0
TECH DATA CORP	COM	878237106	11,715	89,529	SH	SOLE	1	89,529	0	0
TECHNIPFMC PLC	COM	G87110105	1,009	149,651	SH	SOLE	1	149,651	0	0
TECHTARGET	COM	87874R100	326	15,836	SH	SOLE	1	15,836	0	0
TEEKAY CORP	COM	Y8564W103	128	40,649	SH	SOLE	1	40,649	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	313	14,094	SH	SOLE	1	14,094	0	0

TEGNA INC	COM	87901J105	5,953	548,191	SH	SOLE	1	548,191	0	0
TEJON RANCH CO	COM	879080109	175	12,430	SH	SOLE	1	12,430	0	0
TELADOC HEALTH INC	COM	87918A105	6,627	42,752	SH	SOLE	1	42,752	0	0
TELARIA INC	COM	879181105	160	26,662	SH	SOLE	1	26,662	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	21,139	71,109	SH	SOLE	1	71,109	0	0
TELEFLEX INC	COM	879369106	5,675	19,379	SH	SOLE	1	19,379	0	0
TELENAV INC	COM	879455103	86	19,933	SH	SOLE	1	19,933	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	3,197	190,765	SH	SOLE	1	190,765	0	0
TELLURIAN INC	COM	87968A104	51	55,903	SH	SOLE	1	55,903	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	3,886	88,896	SH	SOLE	1	88,896	0	0
TENABLE HOLDINGS INC	COM	88025T102	488	22,307	SH	SOLE	1	22,307	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	8	792	SH	SOLE	1	792	0	0
TENET HEALTHCARE CORP	COM	88033G407	3,770	261,815	SH	SOLE	1	261,815	0	0
TENNANT CO	COM	880345103	719	12,403	SH	SOLE	1	12,403	0	0
TENNECO INC CLASS A	COM	880349105	108	30,043	SH	SOLE	1	30,043	0	0
TERADATA CORP	COM	88076W103	4,510	220,101	SH	SOLE	1	220,101	0	0
TERADYNE INC	COM	880770102	17,760	327,864	SH	SOLE	1	327,864	0	0
TEREX CORP	COM	880779103	2,360	164,372	SH	SOLE	1	164,372	0	0
TERRAFORM POWER INC A	COM	88104R209	741	46,975	SH	SOLE	1	46,975	0	0
TERRENO REALTY CORP	COM	88146M101	2,163	41,796	SH	SOLE	1	41,796	0	0
TERRITORIAL BANCORP INC	COM	88145X108	113	4,610	SH	SOLE	1	4,610	0	0
TESLA INC	COM	88160R101	5,619	10,723	SH	SOLE	1	10,723	0	0
TESSCO TECHNOLOGIES INC	COM	872386107	19	3,860	SH	SOLE	1	3,860	0	0
TETRA TECH INC	COM	88162G103	9,737	137,878	SH	SOLE	1	137,878	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	27	83,774	SH	SOLE	1	83,774	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,097	122,113	SH	SOLE	1	122,113	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	2,176	98,129	SH	SOLE	1	98,129	0	0
TEXAS INSTRUMENTS INC	COM	882508104	52,148	521,842	SH	SOLE	1	521,842	0	0
TEXAS ROADHOUSE INC	COM	882681109	6,826	165,274	SH	SOLE	1	165,274	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	254	30,848	SH	SOLE	1	30,848	0	0
TEXTRON INC	COM	883203101	2,072	77,677	SH	SOLE	1	77,677	0	0
TFS FINANCIAL CORP	COM	87240R107	12	792	SH	SOLE	1	792	0	0
TG THERAPEUTICS INC	COM	88322Q108	502	51,014	SH	SOLE	1	51,014	0	0
THE BANK OF PRINCETON	COM	064520109	77	3,324	SH	SOLE	1	3,324	0	0
THERAPEUTICSMD INC	COM	88338N107	139	131,095	SH	SOLE	1	131,095	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	671	29,034	SH	SOLE	1	29,034	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	44,338	156,340	SH	SOLE	1	156,340	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	290	19,247	SH	SOLE	1	19,247	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	381	51,432	SH	SOLE	1	51,432	0	0
THOR INDUSTRIES INC	COM	885160101	4,539	107,607	SH	SOLE	1	107,607	0	0
TIDEWATER INC	COM	88642R109	165	23,341	SH	SOLE	1	23,341	0	0
TIDEWATER INC	COM	88642R109	16,576	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	5,087	39,280	SH	SOLE	1	39,280	0	0
TILLY S INC CLASS A SHRS	COM	886885102	54	13,013	SH	SOLE	1	13,013	0	0

TIMBERLAND BANCORP INC	COM	887098101	80	4,392	SH	SOLE	1	4,392	0	0
TIMKEN CO	COM	887389104	4,275	132,178	SH	SOLE	1	132,178	0	0
TIMKENSTEEL CORP	COM	887399103	89	27,647	SH	SOLE	1	27,647	0	0
TIPTREE INC	COM	88822Q103	77	14,723	SH	SOLE	1	14,723	0	0
TITAN INTERNATIONAL INC	COM	88830M102	53	34,488	SH	SOLE	1	34,488	0	0
TITAN MACHINERY INC	COM	88830R101	97	11,212	SH	SOLE	1	11,212	0	0
TIVITY HEALTH INC	COM	88870R102	203	32,240	SH	SOLE	1	32,240	0	0
TIVO CORP	COM	88870P106	607	85,750	SH	SOLE	1	85,750	0	0
TJX COMPANIES INC	COM	872540109	22,290	466,210	SH	SOLE	1	466,210	0	0
TOCAGEN INC	COM	888846102	15	12,559	SH	SOLE	1	12,559	0	0
TOLL BROTHERS INC	COM	889478103	4,532	235,403	SH	SOLE	1	235,403	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	696	9,688	SH	SOLE	1	9,688	0	0
TOOTSIE ROLL INDS	COM	890516107	1,559	43,354	SH	SOLE	1	43,354	0	0
TOPBUILD CORP	COM	89055F103	1,653	23,067	SH	SOLE	1	23,067	0	0
TORO CO	COM	891092108	13,577	208,585	SH	SOLE	1	208,585	0	0
TOWNE BANK	COM	89214P109	714	39,461	SH	SOLE	1	39,461	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	161	29,350	SH	SOLE	1	29,350	0	0
TPI COMPOSITES INC	COM	87266J104	253	17,098	SH	SOLE	1	17,098	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	3,506	41,466	SH	SOLE	1	41,466	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	172	891	SH	SOLE	1	891	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	9,395	113,757	SH	SOLE	1	113,757	0	0
TRANSCAT INC	COM	893529107	109	4,132	SH	SOLE	1	4,132	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	13	628	SH	SOLE	1	628	0	0
TRANSDIGM GROUP INC	COM	893641100	5,631	17,587	SH	SOLE	1	17,587	0	0
TRANSENERIX INC	COM	89366M300	5	14,072	SH	SOLE	1	14,072	0	0
TRANSLATE BIO INC	COM	89374L104	204	20,504	SH	SOLE	1	20,504	0	0
TRANSMEDICS GROUP INC	COM	89377M109	102	8,430	SH	SOLE	1	8,430	0	0
TRANSOCEAN LTD	COM	H8817H100	1,301	1,121,662	SH	SOLE	1	1,121,662	0	0
TRANSUNION	COM	89400J107	282	4,256	SH	SOLE	1	4,256	0	0
TRAVELERS COS INC/THE	COM	89417E109	12,104	121,834	SH	SOLE	1	121,834	0	0
TRAVELZOO	COM	89421Q205	12	3,113	SH	SOLE	1	3,113	0	0
TRECORA RESOURCES	COM	894648104	75	12,635	SH	SOLE	1	12,635	0	0
TREDEGAR CORP	COM	894650100	278	17,791	SH	SOLE	1	17,791	0	0
TREEHOUSE FOODS INC	COM	89469A104	4,842	109,671	SH	SOLE	1	109,671	0	0
TREX COMPANY INC	COM	89531P105	11,829	147,606	SH	SOLE	1	147,606	0	0
TRI POINTE GROUP INC	COM	87265H109	3,080	351,201	SH	SOLE	1	351,201	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	84	10,368	SH	SOLE	1	10,368	0	0
TRICIDA INC	COM	89610F101	284	12,924	SH	SOLE	1	12,924	0	0
TRICO BANCSHARES	COM	896095106	472	15,844	SH	SOLE	1	15,844	0	0
TRIMAS CORP	COM	896215209	613	26,543	SH	SOLE	1	26,543	0	0
TRIMBLE INC	COM	896239100	15,474	486,155	SH	SOLE	1	486,155	0	0
TRINET GROUP INC	COM	896288107	979	25,990	SH	SOLE	1	25,990	0	0
TRINITY INDUSTRIES INC	COM	896522109	3,076	191,440	SH	SOLE	1	191,440	0	0
TRINSEO SA	COM	L9340P101	489	27,011	SH	SOLE	1	27,011	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	869	37,060	SH	SOLE	1	37,060	0	0
TRIPADVISOR INC	COM	896945201	3,573	205,489	SH	SOLE	1	205,489	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	191	13,554	SH	SOLE	1	13,554	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	155	16,059	SH	SOLE	1	16,059	0	0

TRITON INTERNATIONAL LTD/BER	COM	G9078F107	829	32,028	SH	SOLE	1	32,028	0	0
TRIUMPH BANCORP INC	COM	89679E300	407	15,668	SH	SOLE	1	15,668	0	0
TRIUMPH GROUP INC	COM	896818101	231	34,165	SH	SOLE	1	34,165	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	269	54,043	SH	SOLE	1	54,043	0	0
TRUEBLUE INC	COM	89785X101	340	26,630	SH	SOLE	1	26,630	0	0
TRUECAR INC	COM	89785L107	150	62,074	SH	SOLE	1	62,074	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	17,084	553,955	SH	SOLE	1	553,955	0	0
TRUPANION INC	COM	898202106	444	17,055	SH	SOLE	1	17,055	0	0
TRUSTCO BANK CORP NY	COM	898349105	355	65,588	SH	SOLE	1	65,588	0	0
TRUSTMARK CORP	COM	898402102	3,783	162,357	SH	SOLE	1	162,357	0	0
TTEC HOLDINGS INC	COM	89854H102	439	11,956	SH	SOLE	1	11,956	0	0
TTM TECHNOLOGIES	COM	87305R109	704	68,045	SH	SOLE	1	68,045	0	0
TUCOWS INC CLASS A	COM	898697206	270	5,588	SH	SOLE	1	5,588	0	0
TUPPERWARE BRANDS CORP	COM	899896104	54	33,577	SH	SOLE	1	33,577	0	0
TURNING POINT BRANDS INC	COM	90041L105	103	4,899	SH	SOLE	1	4,899	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	732	16,395	SH	SOLE	1	16,395	0	0
TUTOR PERINI CORP	COM	901109108	159	23,614	SH	SOLE	1	23,614	0	0
TWILIO INC A	COM	90138F102	250	2,789	SH	SOLE	1	2,789	0	0
TWIN DISC INC	COM	901476101	43	6,185	SH	SOLE	1	6,185	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	134	10,327	SH	SOLE	1	10,327	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	473	15,479	SH	SOLE	1	15,479	0	0
TWITTER INC	COM	90184L102	7,519	306,162	SH	SOLE	1	306,162	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	17	4,418	SH	SOLE	1	4,418	0	0
TYLER TECHNOLOGIES INC	COM	902252105	22,617	76,264	SH	SOLE	1	76,264	0	0
TYME TECHNOLOGIES INC	COM	90238J103	39	35,598	SH	SOLE	1	35,598	0	0
TYSON FOODS INC CL A	CL A	902494103	5,862	101,298	SH	SOLE	1	101,298	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	598	8,663	SH	SOLE	1	8,663	0	0
UBIQUITI INC	COM	90353W103	28	195	SH	SOLE	1	195	0	0
UDR INC	COM	902653104	3,797	103,917	SH	SOLE	1	103,917	0	0
UFP TECHNOLOGIES INC	COM	902673102	152	4,000	SH	SOLE	1	4,000	0	0
UGI CORP	COM	902681105	10,870	407,585	SH	SOLE	1	407,585	0	0
ULTA BEAUTY INC	COM	90384S303	4,306	24,505	SH	SOLE	1	24,505	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	376	27,213	SH	SOLE	1	27,213	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,437	32,349	SH	SOLE	1	32,349	0	0
UMB FINANCIAL CORP	COM	902788108	5,092	109,783	SH	SOLE	1	109,783	0	0
UMH PROPERTIES INC	COM	903002103	233	21,442	SH	SOLE	1	21,442	0	0
UMPQUA HOLDINGS CORP	COM	904214103	4,681	429,447	SH	SOLE	1	429,447	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	597	64,808	SH	SOLE	1	64,808	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	651	80,818	SH	SOLE	1	80,818	0	0
UNIFI INC	COM	904677200	115	9,937	SH	SOLE	1	9,937	0	0
UNIFIRST CORP/MA	COM	904708104	1,576	10,430	SH	SOLE	1	10,430	0	0
UNION BANKSHARES INC /VT	COM	905400107	52	2,304	SH	SOLE	1	2,304	0	0
UNION PACIFIC CORP	COM	907818108	32,142	227,892	SH	SOLE	1	227,892	0	0
UNISYS CORP	COM	909214306	434	35,120	SH	SOLE	1	35,120	0	0

UNIT CORP	COM	909218109	8	31,447	SH	SOLE	1	31,447	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,200	101,418	SH	SOLE	1	101,418	0	0
UNITED BANKSHARES INC	COM	909907107	5,865	254,127	SH	SOLE	1	254,127	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	993	54,214	SH	SOLE	1	54,214	0	0
UNITED FIRE GROUP INC	COM	910340108	475	14,579	SH	SOLE	1	14,579	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	131	14,195	SH	SOLE	1	14,195	0	0
UNITED NATURAL FOODS INC	COM	911163103	337	36,675	SH	SOLE	1	36,675	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	24,892	266,448	SH	SOLE	1	266,448	0	0
UNITED RENTALS INC	COM	911363109	2,804	27,252	SH	SOLE	1	27,252	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	51	7,973	SH	SOLE	1	7,973	0	0
UNITED STATES LIME & MINERAL	COM	911922102	88	1,188	SH	SOLE	1	1,188	0	0
UNITED STATES STEEL CORP	COM	912909108	2,092	331,583	SH	SOLE	1	331,583	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	8,113	85,561	SH	SOLE	1	85,561	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	76,519	306,836	SH	SOLE	1	306,836	0	0
UNITI GROUP INC	COM	91325V108	891	147,826	SH	SOLE	1	147,826	0	0
UNITIL CORP	COM	913259107	452	8,642	SH	SOLE	1	8,642	0	0
UNITY BANCORP INC	COM	913290102	55	4,669	SH	SOLE	1	4,669	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	98	16,916	SH	SOLE	1	16,916	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	30	2,758	SH	SOLE	1	2,758	0	0
UNIVERSAL CORP/VA	COM	913456109	740	16,737	SH	SOLE	1	16,737	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	10,933	82,964	SH	SOLE	1	82,964	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	357	9,292	SH	SOLE	1	9,292	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,530	41,139	SH	SOLE	1	41,139	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	888	8,805	SH	SOLE	1	8,805	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,704	27,289	SH	SOLE	1	27,289	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	368	20,526	SH	SOLE	1	20,526	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	62	4,718	SH	SOLE	1	4,718	0	0
UNIVEST FINANCIAL CORP	COM	915271100	278	17,029	SH	SOLE	1	17,029	0	0
UNUM GROUP	COM	91529Y106	1,052	70,105	SH	SOLE	1	70,105	0	0
UPLAND SOFTWARE INC	COM	91544A109	363	13,553	SH	SOLE	1	13,553	0	0
UPWORK INC	COM	91688F104	219	33,986	SH	SOLE	1	33,986	0	0
URANIUM ENERGY CORP	COM	916896103	60	107,350	SH	SOLE	1	107,350	0	0
URBAN EDGE PROPERTIES	COM	91704F104	2,562	290,862	SH	SOLE	1	290,862	0	0
URBAN OUTFITTERS INC	COM	917047102	1,958	137,533	SH	SOLE	1	137,533	0	0
UROGEN PHARMA LTD	COM	M96088105	198	11,091	SH	SOLE	1	11,091	0	0
URSTADT BIDDLE CLASS A	COM	917286205	287	20,375	SH	SOLE	1	20,375	0	0
US BANCORP	COM	902973304	20,621	598,584	SH	SOLE	1	598,584	0	0
US CELLULAR CORP	COM	911684108	7	248	SH	SOLE	1	248	0	0
US CONCRETE INC	COM	90333L201	199	10,980	SH	SOLE	1	10,980	0	0
US ECOLOGY INC	COM	91734M103	508	16,714	SH	SOLE	1	16,714	0	0
US FOODS HOLDING	COM	912008109	63	3,553	SH	SOLE	1	3,553	0	0

CORP										
US SILICA HOLDINGS INC	COM	90346E103	91	50,449	SH	SOLE	1	50,449	0	0
US WELL SERVICES INC	COM	91274U101	4	11,880	SH	SOLE	1	11,880	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	43	12,926	SH	SOLE	1	12,926	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	498	8,626	SH	SOLE	1	8,626	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	194	2,061	SH	SOLE	1	2,061	0	0
VAIL RESORTS INC	COM	91879Q109	1,119	7,577	SH	SOLE	1	7,577	0	0
VALARIS PLC	COM	G9402V109	9	18,965	SH	SOLE	1	18,965	0	0
VALERO ENERGY CORP	COM	91913Y100	8,161	179,908	SH	SOLE	1	179,908	0	0
VALHI INC	COM	918905100	18	17,144	SH	SOLE	1	17,144	0	0
VALLEY NATIONAL BANCORP	COM	919794107	7,215	986,995	SH	SOLE	1	986,995	0	0
VALMONT INDUSTRIES	COM	920253101	4,448	41,973	SH	SOLE	1	41,973	0	0
VALUE LINE INC	COM	920437100	20	627	SH	SOLE	1	627	0	0
VALVOLINE INC	COM	92047W101	4,809	367,394	SH	SOLE	1	367,394	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	372	35,939	SH	SOLE	1	35,939	0	0
VAPOTHERM INC	COM	922107107	167	8,892	SH	SOLE	1	8,892	0	0
VAREX IMAGING CORP	COM	92214X106	590	25,968	SH	SOLE	1	25,968	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	3,591	34,978	SH	SOLE	1	34,978	0	0
VARONIS SYSTEMS INC	COM	922280102	1,131	17,760	SH	SOLE	1	17,760	0	0
VBI VACCINES INC	COM	91822J103	86	90,665	SH	SOLE	1	90,665	0	0
VECTOR GROUP LTD	COM	92240M108	723	76,744	SH	SOLE	1	76,744	0	0
VECTRUS INC	COM	92242T101	277	6,684	SH	SOLE	1	6,684	0	0
VEDANTA LTD ADR	ADR	92242Y100	9	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	318	33,189	SH	SOLE	1	33,189	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	466	2,981	SH	SOLE	1	2,981	0	0
VELOCITY FINANCIAL INC	COM	92262D101	33	4,330	SH	SOLE	1	4,330	0	0
VENTAS INC	COM	92276F100	3,763	140,411	SH	SOLE	1	140,411	0	0
VERA BRADLEY INC	COM	92335C106	58	14,134	SH	SOLE	1	14,134	0	0
VERACYTE INC	COM	92337F107	679	27,930	SH	SOLE	1	27,930	0	0
VEREIT INC	COM	92339V100	85	17,399	SH	SOLE	1	17,399	0	0
VERICEL CORP	COM	92346J108	243	26,495	SH	SOLE	1	26,495	0	0
VERINT SYSTEMS INC	COM	92343X100	1,691	39,327	SH	SOLE	1	39,327	0	0
VERISIGN INC	COM	92343E102	8,522	47,323	SH	SOLE	1	47,323	0	0
VERISK ANALYTICS INC	COM	92345Y106	10,356	74,299	SH	SOLE	1	74,299	0	0
VERITEX HOLDINGS INC	COM	923451108	473	33,826	SH	SOLE	1	33,826	0	0
VERITIV CORP	COM	923454102	70	8,891	SH	SOLE	1	8,891	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	301,122	5,604,362	SH	SOLE	1	5,604,362	0	0
VERRA MOBILITY CORP	COM	92511U102	539	75,535	SH	SOLE	1	75,535	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	83	7,632	SH	SOLE	1	7,632	0	0
VERSO CORP A	COM	92531L207	233	20,640	SH	SOLE	1	20,640	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	26,705	112,228	SH	SOLE	1	112,228	0	0
VF CORP	COM	918204108	6,409	118,505	SH	SOLE	1	118,505	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	210	SH	SOLE	1	210	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	2,603	185,770	SH	SOLE	1	185,770	0	0
VIAD CORP	COM	92552R406	294	13,827	SH	SOLE	1	13,827	0	0
VIASAT INC	COM	92552V100	4,039	112,457	SH	SOLE	1	112,457	0	0

VIAMI SOLUTIONS INC	COM	925550105	1,773	158,136	SH	SOLE	1	158,136	0	0
VICI PROPERTIES INC	COM	925652109	125	7,519	SH	SOLE	1	7,519	0	0
VICOR CORP	COM	925815102	548	12,296	SH	SOLE	1	12,296	0	0
VIELA BIO INC	COM	926613100	123	3,233	SH	SOLE	1	3,233	0	0
VIEWRAY INC	COM	92672L107	156	62,399	SH	SOLE	1	62,399	0	0
VIKING THERAPEUTICS INC	COM	92686J106	180	38,415	SH	SOLE	1	38,415	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	120	4,886	SH	SOLE	1	4,886	0	0
VINCE HOLDING CORP	COM	92719W207	7	1,826	SH	SOLE	1	1,826	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	84	5,409	SH	SOLE	1	5,409	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	146	4,265	SH	SOLE	1	4,265	0	0
VIRNETX HOLDING CORP	COM	92823T108	199	36,320	SH	SOLE	1	36,320	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	20	970	SH	SOLE	1	970	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	345	4,537	SH	SOLE	1	4,537	0	0
VIRTUSA CORP	COM	92827P102	564	19,846	SH	SOLE	1	19,846	0	0
VISA INC CLASS A SHARES	COM	92826C839	104,834	650,660	SH	SOLE	1	650,660	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	4,820	334,491	SH	SOLE	1	334,491	0	0
VISHAY PRECISION GROUP	COM	92835K103	124	6,174	SH	SOLE	1	6,174	0	0
VISTA OUTDOOR INC	COM	928377100	350	39,772	SH	SOLE	1	39,772	0	0
VISTEON CORP	COM	92839U206	3,388	70,614	SH	SOLE	1	70,614	0	0
VISTRA ENERGY CORP	COM	92840M102	110	6,900	SH	SOLE	1	6,900	0	0
VIVINT SOLAR INC	COM	92854Q106	114	26,132	SH	SOLE	1	26,132	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	392	18,436	SH	SOLE	1	18,436	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,127	155,924	SH	SOLE	1	155,924	0	0
VORNADO REALTY TRUST	COM	929042109	1,960	54,118	SH	SOLE	1	54,118	0	0
VOYA FINANCIAL INC	COM	929089100	91	2,249	SH	SOLE	1	2,249	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	131	14,291	SH	SOLE	1	14,291	0	0
VSE CORP	COM	918284100	85	5,161	SH	SOLE	1	5,161	0	0
VULCAN MATERIALS CO	COM	929160109	5,868	54,296	SH	SOLE	1	54,296	0	0
W&T OFFSHORE INC	COM	92922P106	95	55,737	SH	SOLE	1	55,737	0	0
WABASH NATIONAL CORP	COM	929566107	263	36,387	SH	SOLE	1	36,387	0	0
WABCO HOLDINGS INC	COM	92927K102	150	1,109	SH	SOLE	1	1,109	0	0
WABTEC CORP	COM	929740108	3,318	68,941	SH	SOLE	1	68,941	0	0
WADDELL & REED FINANCIAL A	COM	930059100	535	46,982	SH	SOLE	1	46,982	0	0
WAITR HOLDINGS INC	COM	930752100	42	34,174	SH	SOLE	1	34,174	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	211,101	4,614,229	SH	SOLE	1	4,614,229	0	0
WALKER & DUNLOP INC	COM	93148P102	771	19,146	SH	SOLE	1	19,146	0	0
WALMART INC	COM	931142103	52,201	459,431	SH	SOLE	1	459,431	0	0
WALT DISNEY CO/THE	COM	254687106	64,310	665,735	SH	SOLE	1	665,735	0	0
WARRIOR MET COAL INC	COM	93627C101	377	35,500	SH	SOLE	1	35,500	0	0
WASHINGTON FEDERAL INC	COM	938824109	5,124	197,374	SH	SOLE	1	197,374	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	103	128,508	SH	SOLE	1	128,508	0	0
WASHINGTON REIT	COM	939653101	1,347	56,445	SH	SOLE	1	56,445	0	0
WASHINGTON TRUST	COM	940610108	327	8,952	SH	SOLE	1	8,952	0	0

BANCORP										
WASTE MANAGEMENT INC	COM	94106L109	14,254	153,995	SH	SOLE	1	153,995	0	0
WATERS CORP	COM	941848103	4,812	26,431	SH	SOLE	1	26,431	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	203	13,972	SH	SOLE	1	13,972	0	0
WATFORD HOLDINGS LTD	COM	G94787101	155	10,554	SH	SOLE	1	10,554	0	0
WATSCO INC	COM	942622200	10,061	63,663	SH	SOLE	1	63,663	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,607	18,987	SH	SOLE	1	18,987	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	125	13,330	SH	SOLE	1	13,330	0	0
WAYFAIR INC CLASS A	COM	94419L101	77	1,435	SH	SOLE	1	1,435	0	0
WD 40 CO	COM	929236107	1,898	9,449	SH	SOLE	1	9,449	0	0
WEBSTER FINANCIAL CORP	COM	947890109	4,110	179,462	SH	SOLE	1	179,462	0	0
WEC ENERGY GROUP INC	COM	92939U106	14,538	164,956	SH	SOLE	1	164,956	0	0
WEIBO CORP SPON ADR	ADR	948596101	19	588	SH	SOLE	1	588	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	3,404	235,870	SH	SOLE	1	235,870	0	0
WEIS MARKETS INC	COM	948849104	235	5,649	SH	SOLE	1	5,649	0	0
WELBILT INC	COM	949090104	394	76,886	SH	SOLE	1	76,886	0	0
WELLS FARGO & CO	COM	949746101	35,774	1,246,467	SH	SOLE	1	1,246,467	0	0
WELLTOWER INC	COM	95040Q104	7,280	159,021	SH	SOLE	1	159,021	0	0
WENDY S CO/THE	COM	95058W100	5,359	360,115	SH	SOLE	1	360,115	0	0
WERNER ENTERPRISES INC	COM	950755108	4,077	112,445	SH	SOLE	1	112,445	0	0
WESBANCO INC	COM	950810101	909	38,362	SH	SOLE	1	38,362	0	0
WESCO INTERNATIONAL INC	COM	95082P105	15	677	SH	SOLE	1	677	0	0
WEST BANCORPORATION	COM	95123P106	155	9,468	SH	SOLE	1	9,468	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	22,021	144,634	SH	SOLE	1	144,634	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,060	18,027	SH	SOLE	1	18,027	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	49	1,612	SH	SOLE	1	1,612	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	70	30,773	SH	SOLE	1	30,773	0	0
WESTERN DIGITAL CORP	COM	958102105	5,386	129,407	SH	SOLE	1	129,407	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	95	14,110	SH	SOLE	1	14,110	0	0
WESTERN UNION CO	COM	959802109	3,118	172,006	SH	SOLE	1	172,006	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	22	575	SH	SOLE	1	575	0	0
WESTROCK CO	COM	96145D105	4,260	150,758	SH	SOLE	1	150,758	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	87	4,777	SH	SOLE	1	4,777	0	0
WEX INC	COM	96208T104	8,855	84,694	SH	SOLE	1	84,694	0	0
WEYCO GROUP INC	COM	962149100	73	3,595	SH	SOLE	1	3,595	0	0
WEYERHAEUSER CO	COM	962166104	4,646	274,107	SH	SOLE	1	274,107	0	0
WHIRLPOOL CORP	COM	963320106	1,843	21,479	SH	SOLE	1	21,479	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	46	50	SH	SOLE	1	50	0	0
WHITESTONE REIT	COM	966084204	165	26,579	SH	SOLE	1	26,579	0	0
WHITING PETROLEUM CORP	COM	966387409	42	62,616	SH	SOLE	1	62,616	0	0
WIDOPENWEST INC	COM	96758W101	69	14,586	SH	SOLE	1	14,586	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	3,198	85,312	SH	SOLE	1	85,312	0	0

WILLDAN GROUP INC	COM	96924N100	127	5,947	SH	SOLE	1	5,947	0	0
WILLIAMS COS INC	COM	969457100	7,598	536,939	SH	SOLE	1	536,939	0	0
WILLIAMS SONOMA INC	COM	969904101	6,439	151,437	SH	SOLE	1	151,437	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	46	1,726	SH	SOLE	1	1,726	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,495	55,901	SH	SOLE	1	55,901	0	0
WILLSCOT CORP	COM	971375126	310	30,577	SH	SOLE	1	30,577	0	0
WINGSTOP INC	COM	974155103	1,610	20,199	SH	SOLE	1	20,199	0	0
WINMARK CORP	COM	974250102	185	1,448	SH	SOLE	1	1,448	0	0
WINNEBAGO INDUSTRIES	COM	974637100	919	33,033	SH	SOLE	1	33,033	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	3,657	111,299	SH	SOLE	1	111,299	0	0
WIPRO LTD ADR	ADR	97651M109	35	11,420	SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	210	90,217	SH	SOLE	1	90,217	0	0
WIX.COM LTD	COM	M98068105	548	5,433	SH	SOLE	1	5,433	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	28	651	SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	834	54,891	SH	SOLE	1	54,891	0	0
WOODWARD INC	COM	980745103	6,552	110,232	SH	SOLE	1	110,232	0	0
WORKDAY INC CLASS A	COM	98138H101	1,270	9,756	SH	SOLE	1	9,756	0	0
WORKIVA INC	COM	98139A105	703	21,753	SH	SOLE	1	21,753	0	0
WORLD ACCEPTANCE CORP	COM	981419104	206	3,773	SH	SOLE	1	3,773	0	0
WORLD FUEL SERVICES CORP	COM	981475106	4,146	164,653	SH	SOLE	1	164,653	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	3,147	92,746	SH	SOLE	1	92,746	0	0
WORTHINGTON INDUSTRIES	COM	981811102	2,475	94,273	SH	SOLE	1	94,273	0	0
WP CAREY INC	COM	92936U109	162	2,783	SH	SOLE	1	2,783	0	0
WPX ENERGY INC	COM	98212B103	2,479	812,643	SH	SOLE	1	812,643	0	0
WR BERKLEY CORP	COM	084423102	2,574	49,337	SH	SOLE	1	49,337	0	0
WR GRACE & CO	COM	38388F108	46	1,299	SH	SOLE	1	1,299	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	21	4,846	SH	SOLE	1	4,846	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,140	74,705	SH	SOLE	1	74,705	0	0
WSFS FINANCIAL CORP	COM	929328102	749	30,051	SH	SOLE	1	30,051	0	0
WW GRAINGER INC	COM	384802104	4,190	16,862	SH	SOLE	1	16,862	0	0
WW INTERNATIONAL INC	COM	98262P101	1,987	117,497	SH	SOLE	1	117,497	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	3,838	176,863	SH	SOLE	1	176,863	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	5,852	185,714	SH	SOLE	1	185,714	0	0
WYNN RESORTS LTD	COM	983134107	2,052	34,096	SH	SOLE	1	34,096	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	91	9,131	SH	SOLE	1	9,131	0	0
XBIOTECH INC	COM	98400H102	83	7,769	SH	SOLE	1	7,769	0	0
XCEL ENERGY INC	COM	98389B100	12,680	210,276	SH	SOLE	1	210,276	0	0
XENCOR INC	COM	98401F105	978	32,737	SH	SOLE	1	32,737	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	803	77,915	SH	SOLE	1	77,915	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	41	21,090	SH	SOLE	1	21,090	0	0
XEROX HOLDINGS CORP	COM	98421M106	1,618	85,448	SH	SOLE	1	85,448	0	0
XILINX INC	COM	983919101	8,622	110,622	SH	SOLE	1	110,622	0	0
XPERI CORP	COM	98421B100	472	33,906	SH	SOLE	1	33,906	0	0
XPO LOGISTICS INC	COM	983793100	8,791	180,327	SH	SOLE	1	180,327	0	0

XYLEM INC	COM	98419M100	4,113	63,152	SH	SOLE	1	63,152	0	0
Y MABS THERAPEUTICS INC	COM	984241109	365	13,995	SH	SOLE	1	13,995	0	0
YELP INC	COM	985817105	2,959	164,128	SH	SOLE	1	164,128	0	0
YETI HOLDINGS INC	COM	98585X104	644	32,989	SH	SOLE	1	32,989	0	0
YEXT INC	COM	98585N106	581	56,977	SH	SOLE	1	56,977	0	0
YORK WATER CO	COM	987184108	332	7,644	SH	SOLE	1	7,644	0	0
YOUNGEVITY INTERNATIONAL INC	COM	987537206	4	5,102	SH	SOLE	1	5,102	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	1	242	SH	SOLE	1	242	0	0
YRC WORLDWIDE INC	COM	984249607	33	19,743	SH	SOLE	1	19,743	0	0
YUM BRANDS INC	COM	988498101	8,933	130,352	SH	SOLE	1	130,352	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	528	12,378	SH	SOLE	1	12,378	0	0
ZAGG INC	COM	98884U108	52	16,606	SH	SOLE	1	16,606	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	3,500	19,062	SH	SOLE	1	19,062	0	0
ZENDESK INC	COM	98936J101	163	2,540	SH	SOLE	1	2,540	0	0
ZILLOW GROUP INC A	COM	98954M101	31	918	SH	SOLE	1	918	0	0
ZILLOW GROUP INC C	COM	98954M200	73	2,040	SH	SOLE	1	2,040	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	7,071	69,958	SH	SOLE	1	69,958	0	0
ZIONS BANCORP NA	COM	989701107	1,649	61,636	SH	SOLE	1	61,636	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	269	109,629	SH	SOLE	1	109,629	0	0
ZIX CORP	COM	98974P100	136	31,644	SH	SOLE	1	31,644	0	0
ZOETIS INC	COM	98978V103	26,360	223,982	SH	SOLE	1	223,982	0	0
ZOGENIX INC	COM	98978L204	624	25,251	SH	SOLE	1	25,251	0	0
ZSCALER INC	COM	98980G102	96	1,575	SH	SOLE	1	1,575	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	121	4,557	SH	SOLE	1	4,557	0	0
ZUMIEZ INC	COM	989817101	238	13,769	SH	SOLE	1	13,769	0	0
ZUORA INC CLASS A	COM	98983V106	421	52,356	SH	SOLE	1	52,356	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	52	13,547	SH	SOLE	1	13,547	0	0
ZYNEX INC	COM	98986M103	104	9,361	SH	SOLE	1	9,361	0	0
ZYNGA INC CL A	CL A	98986T108	104	15,168	SH	SOLE	1	15,168	0	0