

Return of Private Foundation
or Section 4947(a)(1) Trust Treated as Private Foundation

▶ Do not enter social security numbers on this form as it may be made public.
▶ Go to www.irs.gov/Form990PF for instructions and the latest information.

For calendar year 2020 or tax year beginning , and ending

Name of foundation Joseph B. Whitehead Foundation		A Employer identification number 58-6001954
Number and street (or P.O. box number if mail is not delivered to street address) 191 Peachtree Street NE	Room/suite 3540	B Telephone number 4045226755
City or town, state or province, country, and ZIP or foreign postal code Atlanta, GA 30303-1799		C If exemption application is pending, check here ... <input type="checkbox"/>
G Check all that apply: <input type="checkbox"/> Initial return <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Final return <input type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		D 1. Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/>
H Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here ... <input type="checkbox"/>
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) ▶ \$ 1,769,986,450.	J Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____	
		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ... <input type="checkbox"/>

Part I Analysis of Revenue and Expenses <small>(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a).)</small>		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc., received			N/A	
	2 Check <input checked="" type="checkbox"/> if the foundation is not required to attach Sch. B				
	3 Interest on savings and temporary cash investments	105,797.	105,797.		Statement 1
	4 Dividends and interest from securities	50,250,287.	50,250,287.		Statement 2
	5a Gross rents	45,000.	45,000.		Statement 3
	b Net rental income or (loss) 42,750.				Statement 4
	6a Net gain or (loss) from sale of assets not on line 10	7,328,131.			
	b Gross sales price for all assets on line 6a 66,733,446.				
	7 Capital gain net income (from Part IV, line 2)		7,328,131.		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances				
b Less: Cost of goods sold					
c Gross profit or (loss)					
11 Other income					
12 Total. Add lines 1 through 11	57,729,215.	57,729,215.			
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc.	249,934.	67,324.		182,610.
	14 Other employee salaries and wages	173,874.	9,089.		164,785.
	15 Pension plans, employee benefits	108,395.	9,540.		98,855.
	16a Legal fees Stmt 5	261.	13.		248.
	b Accounting fees Stmt 6	15,607.	780.		14,827.
	c Other professional fees Stmt 7	264,189.	257,475.		6,714.
	17 Interest				
	18 Taxes Stmt 8	720,000.	0.		0.
	19 Depreciation and depletion	1,281.	64.		
	20 Occupancy	49,433.	2,514.		46,961.
	21 Travel, conferences, and meetings	3,813.	153.		3,660.
	22 Printing and publications	508.	26.		482.
	23 Other expenses Stmt 9	38,090.	3,774.		34,316.
	24 Total operating and administrative expenses. Add lines 13 through 23	1,625,385.	350,752.		553,458.
	25 Contributions, gifts, grants paid	67,286,808.			67,286,808.
26 Total expenses and disbursements. Add lines 24 and 25	68,912,193.	350,752.		67,840,266.	
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements ..	-11,182,978.				
b Net investment income (if negative, enter -0-)		57,378,463.			
c Adjusted net income (if negative, enter -0-)			N/A		

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only.		
		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash - non-interest-bearing	5,686.	5,297.	5,297.
	2 Savings and temporary cash investments	8,488,450.	8,029,458.	8,030,238.
	3 Accounts receivable			
	Less: allowance for doubtful accounts			
	4 Pledges receivable			
	Less: allowance for doubtful accounts			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons			
	7 Other notes and loans receivable			
	Less: allowance for doubtful accounts			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges			
	10a Investments - U.S. and state government obligations			
	b Investments - corporate stock Stmt 10	109,051,261.	118,288,399.	1760415272.
	c Investments - corporate bonds			
	11 Investments - land, buildings, and equipment: basis	71,143.		
Less: accumulated depreciation	71,143.	71,143.	1,366,667.	
12 Investments - mortgage loans				
13 Investments - other				
14 Land, buildings, and equipment: basis	61,414.			
Less: accumulated depreciation Stmt 11	54,173.	8,522.	7,241.	
15 Other assets (describe Statement 12)	92,528.	94,421.	161,736.	
16 Total assets (to be completed by all filers - see the instructions. Also, see page 1, item I)	117,717,590.	126,495,959.	1769986450.	
Liabilities	17 Accounts payable and accrued expenses			
	18 Grants payable			
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons			
	21 Mortgages and other notes payable			
	22 Other liabilities (describe Statement 13)	6,642.	361.	
23 Total liabilities (add lines 17 through 22)	6,642.	361.		
Net Assets or Fund Balances	Foundations that follow FASB ASC 958, check here <input type="checkbox"/>			
	and complete lines 24, 25, 29, and 30.			
	24 Net assets without donor restrictions			
	25 Net assets with donor restrictions			
	Foundations that do not follow FASB ASC 958, check here <input checked="" type="checkbox"/>			
	and complete lines 26 through 30.			
	26 Capital stock, trust principal, or current funds	0.	0.	
	27 Paid-in or capital surplus, or land, bldg., and equipment fund	0.	0.	
28 Retained earnings, accumulated income, endowment, or other funds	117,710,948.	126,495,598.		
29 Total net assets or fund balances	117,710,948.	126,495,598.		
30 Total liabilities and net assets/fund balances	117,717,590.	126,495,959.		

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year - Part II, column (a), line 29 (must agree with end-of-year figure reported on prior year's return)	1	117,710,948.
2 Enter amount from Part I, line 27a	2	-11,182,978.
3 Other increases not included in line 2 (itemize) GAIN ON STOCK GRANTS	3	19,967,628.
4 Add lines 1, 2, and 3	4	126,495,598.
5 Decreases not included in line 2 (itemize)	5	0.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 29	6	126,495,598.

Part IV Capital Gains and Losses for Tax on Investment Income

Table with 4 columns: (a) List and describe the kind(s) of property sold, (b) How acquired, (c) Date acquired, (d) Date sold. Row 1a: PUBLICLY TRADED SECURITIES. Row b: 457(B) PLAN DISTRIBUTION.

Table with 4 columns: (e) Gross sales price, (f) Depreciation allowed, (g) Cost or other basis plus expense of sale, (h) Gain or (loss). Row a: 66,725,189. Row b: 8,257.

Table with 4 columns: (i) FMV as of 12/31/69, (j) Adjusted basis as of 12/31/69, (k) Excess of col. (i) over col. (j), (l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h)).

Summary rows: 2 Capital gain net income or (net capital loss) 7,328,131. 3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): N/A.

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income SECTION 4940(e) REPEALED ON DECEMBER 20, 2019 - DO NOT COMPLETE.

Table with 4 columns: (a) Reserved, (b) Reserved, (c) Reserved, (d) Reserved. All cells are reserved.

Table with 2 columns: Line number (2-8) and Reserved status. All cells are reserved.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), or 4948 - see instructions)

1a Exempt operating foundations described in section 4940(d)(2), check here <input type="checkbox"/> and enter "N/A" on line 1. Date of ruling or determination letter: _____ (attach copy of letter if necessary-see instructions)			
b Reserved		1	797,561.
c All other domestic foundations enter 1.39% of line 27b. Exempt foreign organizations, enter 4% of Part I, line 12, col. (b)			
2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)		2	0.
3 Add lines 1 and 2		3	797,561.
4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)		4	0.
5 Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-		5	797,561.
6 Credits/Payments:			
a 2020 estimated tax payments and 2019 overpayment credited to 2020	6a		801,967.
b Exempt foreign organizations - tax withheld at source	6b		0.
c Tax paid with application for extension of time to file (Form 8868)	6c		0.
d Backup withholding erroneously withheld	6d		0.
7 Total credits and payments. Add lines 6a through 6d		7	801,967.
8 Enter any penalty for underpayment of estimated tax. Check here <input checked="" type="checkbox"/> if Form 2220 is attached		8	152.
9 Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed		9	
10 Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid		10	4,254.
11 Enter the amount of line 10 to be: Credited to 2021 estimated tax <input type="checkbox"/> 4,254. Refunded <input checked="" type="checkbox"/>		11	0.

Part VII-A Statements Regarding Activities

	Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		X
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes? See the instructions for the definition If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.		X
c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation. <input type="checkbox"/> \$ <u>0.</u> (2) On foundation managers. <input type="checkbox"/> \$ <u>0.</u>		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. <input type="checkbox"/> \$ <u>0.</u>		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes		X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?		X
b If "Yes," has it filed a tax return on Form 990-T for this year? N/A		
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by <i>General Instruction T</i> .		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	X	
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col. (c), and Part XV	X	
8a Enter the states to which the foundation reports or with which it is registered. See instructions. <input type="checkbox"/> <u>GA</u>		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by <i>General Instruction G</i> ? If "No," attach explanation	X	
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2020 or the tax year beginning in 2020? See the instructions for Part XIV. If "Yes," complete Part XIV		X
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses		X

Part VII-A Statements Regarding Activities (continued)

Table with 3 columns: Question, Yes, No. Rows 11-16 containing questions about controlled entities, distributions, public inspection requirements, website address, books in care, and foreign country interests.

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

Table with 3 columns: Question, Yes, No. Rows 1a-4b containing questions about disqualifying acts, taxes on failure to distribute income, and business enterprise interests.

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

		Yes	No
5a During the year, did the foundation pay or incur any amount to:			
(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(3) Provide a grant to an individual for travel, study, or other similar purposes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? See instructions <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
b If any answer is "Yes" to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance? See instructions <input type="checkbox"/>	5b		X
Organizations relying on a current notice regarding disaster assistance, check here <input type="checkbox"/>			
c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? N/A <input type="checkbox"/> Yes <input type="checkbox"/> No			
If "Yes," attach the statement required by Regulations section 53.4945-5(d).			
6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6b		X
If "Yes" to 6b, file Form 8870.			
7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? N/A	7b		
8 Is the foundation subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, and foundation managers and their compensation.

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
See Statement 16		249,934.	42,671.	777.

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				

Total number of other employees paid over \$50,000 ▶ **0**

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)

3 Five highest-paid independent contractors for professional services. If none, enter "NONE."

Table with 3 columns: (a) Name and address of each person paid more than \$50,000, (b) Type of service, (c) Compensation. Includes entries for T. ROWE PRICE ASSOCIATES, GANNETT WELSH & KOTLER, LLC, and SUNTRUST BANK.

Total number of others receiving over \$50,000 for professional services 0

Part IX-A Summary of Direct Charitable Activities

Table with 2 columns: Description of activity and Expenses. Includes entry 1 with 'N/A'.

Part IX-B Summary of Program-Related Investments

Table with 2 columns: Description of investment and Amount. Includes entry 1 with 'N/A' and entry 3 for 'All other program-related investments.'

Total. Add lines 1 through 3 0.

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1 Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:			
a	Average monthly fair market value of securities	1a	1,563,042,516.
b	Average of monthly cash balances	1b	11,362,117.
c	Fair market value of all other assets	1c	1,513,497.
d	Total (add lines 1a, b, and c)	1d	1,575,918,130.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	28,301,695.
2 Acquisition indebtedness applicable to line 1 assets		2	0.
3 Subtract line 2 from line 1d		3	1,575,918,130.
4 Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)		4	23,638,772.
5 Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4		5	1,552,279,358.
6 Minimum investment return. Enter 5% of line 5		6	77,613,968.

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations, check here and do not complete this part.)

1 Minimum investment return from Part X, line 6		1	77,613,968.
2a	Tax on investment income for 2020 from Part VI, line 5	2a	797,561.
b	Income tax for 2020. (This does not include the tax from Part VI.)	2b	
c	Add lines 2a and 2b	2c	797,561.
3 Distributable amount before adjustments. Subtract line 2c from line 1		3	76,816,407.
4 Recoveries of amounts treated as qualifying distributions		4	0.
5 Add lines 3 and 4		5	76,816,407.
6 Deduction from distributable amount (see instructions)		6	0.
7 Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1		7	76,816,407.

Part XII Qualifying Distributions (see instructions)

1 Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:			
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	67,840,266.
b	Program-related investments - total from Part IX-B	1b	0.
2 Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes		2	
3 Amounts set aside for specific charitable projects that satisfy the:			
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4 Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8; and Part XIII, line 4		4	67,840,266.
5 Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b		5	0.
6 Adjusted qualifying distributions. Subtract line 5 from line 4		6	67,840,266.

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2019	(c) 2019	(d) 2020
1 Distributable amount for 2020 from Part XI, line 7				76,816,407.
2 Undistributed income, if any, as of the end of 2020:				
a Enter amount for 2019 only			59,243,750.	
b Total for prior years:		0.		
3 Excess distributions carryover, if any, to 2020:				
a From 2015				
b From 2016				
c From 2017				
d From 2018				
e From 2019				
f Total of lines 3a through e	0.			
4 Qualifying distributions for 2020 from Part XII, line 4: ▶ \$ 67,840,266.				
a Applied to 2019, but not more than line 2a			59,243,750.	
b Applied to undistributed income of prior years (Election required - see instructions)		0.		
c Treated as distributions out of corpus (Election required - see instructions)	0.			
d Applied to 2020 distributable amount				8,596,516.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2020 (If an amount appears in column (d), the same amount must be shown in column (a).)	0.			0.
6 Enter the net total of each column as indicated below:				
a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5	0.			
b Prior years' undistributed income. Subtract line 4b from line 2b		0.		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0.		
d Subtract line 6c from line 6b. Taxable amount - see instructions		0.		
e Undistributed income for 2019. Subtract line 4a from line 2a. Taxable amount - see instr.			0.	
f Undistributed income for 2020. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2021				68,219,891.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions)	0.			
8 Excess distributions carryover from 2015 not applied on line 5 or line 7	0.			
9 Excess distributions carryover to 2021. Subtract lines 7 and 8 from line 6a	0.			
10 Analysis of line 9:				
a Excess from 2016				
b Excess from 2017				
c Excess from 2018				
d Excess from 2019				
e Excess from 2020				

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9) N/A

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2020, enter the date of the ruling ▶

b Check box to indicate whether the foundation is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

	Tax year				(e) Total
	(a) 2020	(b) 2019	(c) 2018	(d) 2017	
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4, for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test - enter:					
(1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6, for each year listed					
c "Support" alternative test - enter:					
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year-see instructions.)

1 **Information Regarding Foundation Managers:**
 a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

None

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

2 **Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**
 Check here if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc., to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or email address of the person to whom applications should be addressed: See Statement 19

See Statement 18

b The form in which applications should be submitted and information and materials they should include:

c Any submission deadlines:

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

Part XV Supplementary Information *(continued)*

3 Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution **	Amount
a Paid during the year				
3DE National, LLC 3565 Piedmont Road, NE Building One, Suite 460 Atlanta, GA 30305		PC	Phase II expansion of the 3DE high school model in metro Atlanta.	2,000,000.
Access to Capital for Entrepreneurs 504 Fair Street, SW Atlanta, GA 30313		PC	Support of strategic growth plan for certified Community Development Financial Institution that	250,000.
Atlanta Neighborhood Development Partnership 229 Peachtree Street, NE, Suite 705 Atlanta, GA 30303-1605		PC	Support for investment plan to accelerate the production of affordable housing units over the next	1,000,000.
Atlanta Union Mission Corporation 2353 Bolton Road, NW Atlanta, GA 30318		PC	Development of low-barrier shelter for women and children at the Atlanta Day Shelter facility on	4,000,000.
Auditory-Verbal Center 1901 Century Circle, Suite 20 Atlanta, GA 30345		PC	Relocation of offices for organization serving children with hearing loss.	50,000.
Total See continuation sheet(s) ▶ 3a				67,286,808.
b Approved for future payment				
Atlanta Neighborhood Development Partnership 229 Peachtree St., NE, Suite 705 Atlanta, GA 30303-1605		PC	Support for investment plan to accelerate the production of affordable housing units over the next	4,000,000.
Boy Scouts of America, Atlanta Area Council 1800 Circle 75 Parkway SE Atlanta, GA 30339		PC	Capital improvements at the Woodruff Scout Reservation and Bert Adams Scout Camp (\$1,000,000) and	500,000.
Cristo Rey Atlanta Jesuit High School 222 Piedmont Avenue, NE Atlanta, GA 30308		PC	Operating support in response to the COVID-19 pandemic.	500,000.
Total See continuation sheet(s) ▶ 3b				13,100,000.

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated.

Table with 5 main columns: (a) Business code, (b) Amount, (c) Exclusion code, (d) Amount, (e) Related or exempt function income. Rows include: 1 Program service revenue (a-f), 2 Membership dues and assessments, 3 Interest on savings and temporary cash investments (14, 105,797), 4 Dividends and interest from securities (14, 50,250,287), 5 Net rental income or (loss) from real estate (a-b), 6 Net rental income or (loss) from personal property, 7 Other investment income, 8 Gain or (loss) from sales of assets other than inventory (18, 7,328,131), 9 Net income or (loss) from special events, 10 Gross profit or (loss) from sales of inventory, 11 Other revenue (a-e), 12 Subtotal (0, 57,726,965), 13 Total (13, 57,726,965).

(See worksheet in line 13 instructions to verify calculations.)

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Table with 2 columns: Line No. and Explain below how each activity for which income is reported in column (e) of Part XVI-A contributed importantly to the accomplishment of the foundation's exempt purposes (other than by providing funds for such purposes).

Part XVII Information Regarding Transfers to and Transactions and Relationships With Noncharitable Exempt Organizations

Table with 4 columns: Question, Yes, No. Includes questions about transfers of cash, other assets, and other transactions.

Table with 4 columns: (a) Line no., (b) Amount involved, (c) Name of noncharitable exempt organization, (d) Description of transfers, transactions, and sharing arrangements.

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) (other than section 501(c)(3)) or in section 527?

Table with 3 columns: (a) Name of organization, (b) Type of organization, (c) Description of relationship.

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature and title fields for the preparer, including fields for name, signature, date, title, and firm information.

May the IRS discuss this return with the preparer shown below? See instr. [] Yes [X] No

Part XV Supplementary Information**3 Grants and Contributions Paid During the Year (Continuation)**

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Boy Scouts of America, Atlanta Area Council 1800 Circle 75 Parkway SE Atlanta, GA 30339		PC	Capital improvements at the Woodruff Scout Reservation and Bert Adams Scout Camp (\$1,000,000) and	1,000,000.
Boys & Girls Clubs of Metro Atlanta 1275 Peachtree St., NE, Suite 500 Atlanta, GA 30309		PC	Operating support.	2,000,000.
Campus Community Partnership Foundation 3423 Piedmont Road NE, Suite 244 Atlanta, GA 30350-2704		PC	Support for Reading Rocks! literacy program.	25,000.
Childkind 1990 Lakeside Parkway, Suite 350 Tucker, GA 30084		PC	One-time support to develop a program providing therapeutic foster care services for children with	90,000.
Children's Healthcare of Atlanta 1575 Northeast Expressway, NE Atlanta, GA 30329		PC	Implementation of the Marcus Autism Center's five-year strategic plan to focus on the early diagnosis and	5,000,012.
Communities in Schools of Georgia 260 Peachtree Street, Suite 700 Atlanta, GA 30303		PC	Operating support of CISGA, which works to improve academic performance and reduce dropouts among at-risk	800,000.
Community Foundation for Greater Atlanta fbo redefinED Atlanta 191 Peachtree Street, NE, Suite 1000 Atlanta, GA 30303		PC	Expansion of the Relay Graduate School of Education's teacher residency program to Atlanta. Payable over	833,334.
Community Foundation for Greater Atlanta 191 Peachtree Street, NE, Suite 1000 Atlanta, GA 30303		PC	For the Joseph B. Whitehead Fund to support Achieve Atlanta, an initiative to improve the	15,000,042.
Covenant House Georgia 1559 Johnson Road, NW Atlanta, GA 30318-4017		PC	\$7.5 million campaign to renovate and expand facilities to serve homeless youth.	750,000.
Cristo Rey Atlanta Jesuit High School 222 Piedmont Avenue, NE Atlanta, GA 30308		PC	Operating support in response to the COVID-19 pandemic.	1,000,000.
Total from continuation sheets				59,986,808.

Part XV Supplementary Information**3 Grants and Contributions Paid During the Year (Continuation)**

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
DDD Foundation 52 Executive Park South, Suite 5203 Atlanta, GA 30329		PC	Relocation of dental clinic serving patients with developmental disabilities.	150,000.
Georgia Campaign for Adolescent Power and Potential 1718 Peachtree St., NW, Suite 465 Atlanta, GA 30309		PC	Expansion of teen pregnancy prevention and health programs.	150,000.
Georgia CASA 75 Marietta Street, NW, Suite 404 Atlanta, GA 30303		PC	Operating support for organization providing advocates for children in foster care.	500,000.
Georgia Center for Child Advocacy P.O. Box 17770 Atlanta, GA 30316		PC	\$1.8 million campaign to relocate Fulton office to a new facility.	400,000.
Georgia Family Connection Partnership 235 Peachtree Street, Suite 1600 Atlanta, GA 30303		PC	Support of statewide network (\$700,000) and costs associated with the establishment of a dropout prevention	950,000.
Georgia Leadership Institute for School Improvement 3237 Satellite Blvd, Suite 460 Duluth, GA 30096		PC	Support of leadership program for school districts.	800,000.
Georgia Partnership for Excellence in Education 270 Peachtree Street, Suite 2200 Atlanta, GA 30303		PC	Operating support for organization working to improve K-12 public education through research and public	700,000.
Georgia State University Research Foundation P.O. Box 3999 Atlanta, GA 30302-3999		PC	Support for the After-School All-Stars program and summer academy at Sylvan Hills Middle School	400,000.
Good Samaritan Health Center of Gwinnett 5949 Buford Hwy. Norcross, GA 30071		PC	Relocation of East Gwinnett clinic to expand services.	350,000.
Goodwill of North Georgia 2201 Lawrenceville Hwy, Suite 300 Decatur, GA 30033		PC	Establishment of two Career Centers as part of workforce development expansion.	1,000,000.
Total from continuation sheets				

Part XV Supplementary Information**3 Grants and Contributions Paid During the Year (Continuation)**

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
KIPP Metro Atlanta 1445 Maynard Road, NW Atlanta, GA 30331		PC	Operating support in response to the COVID-19 pandemic (\$1 million) and capital support to complete	2,500,000.
LaAmistad 3434 Roswell Road, NW Atlanta, GA 30305		PC	Expansion of afterschool program serving Latino students to three new sites.	106,000.
L'Arche Atlanta P.O. Box 2359 Decatur, GA 30031		PC	Purchase and renovation of a home for individuals with intellectual and developmental	175,000.
Lifecycle Building Center P.O. Box 7661 Atlanta, GA 30357		PC	\$2.8 million campaign to make critical repairs and add community engagement space to the Material	350,000.
Multi-Agency Alliance for Children 225 Peachtree St. NE, Suite 900 Atlanta, GA 30303		PC	One-time support for LEADS Education Program serving youth in foster care during the COVID-19 pandemic.	400,000.
MUST Ministries 1407 Cobb Parkway North, P.O. Box 1717 Marietta, GA 30061		PC	\$10.9 million campaign to build a new campus providing shelter and services for the homeless.	1,500,000.
Neighborhood Cooperative Ministries 500 Pinnacle Court, Suite 510 Norcross, GA 30071		PC	\$2.9 million campaign to acquire and renovate a new facility to expand services for	250,000.
North Fulton Community Charities 11270 Elkins Road Roswell, GA 30075		PC	Acquisition and renovation of a new Service and Education Center.	400,000.
Partners for HOME 818 Pollard Blvd., 3rd Floor Atlanta, GA 30315		PC	Support of citywide strategy to provide housing for the homeless as part of COVID-19 pandemic	1,500,000.
Partners in Change 467 Cherokee Avenue, SE Atlanta, GA 30312-3227		PC	Implementation of online tool and parent coaching program in 10 metro Atlanta schools.	350,000.
Total from continuation sheets				

Part XV Supplementary Information**3 Grants and Contributions Paid During the Year (Continuation)**

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Ron Clark Academy 228 Margaret Street, SE Atlanta, GA 30215		PC	Construction of the Ryan Marshall Performing Arts Center as part of \$18.9 million campaign.	500,000.
Soccer in the Streets 130 Boulevard NE, Suite #4 Atlanta, GA 30312		PC	\$5.56 million campaign to develop soccer fields adjacent to MARTA stations for Station Soccer youth	500,000.
Teach for America 1360 Peachtree St. NE, Suite 1100 Atlanta, GA 30309		PC	Support for the recruitment, training and placement of corps members in metro Atlanta schools.	500,000.
TechBridge 100 Peachtree Street, NW, Suite 2090 Atlanta, GA 30303		PC	Support of Technology Career Program to provide low-income adults with comprehensive	250,000.
The Kindezi Schools 950 Joseph E. Lowery Blvd NW, Ste. 18 Atlanta, GA 30318		PC	Support for distance learning model and counseling services in response to the COVID-19 pandemic.	500,000.
The Lovett School 4075 Paces Ferry Rd., NW Atlanta, GA 30327-3099		PC	Program and technology updates for Breakthrough Atlanta, an academic enrichment program for public	100,000.
The Posse Foundation 101 Marietta Street, NW, Suite 1040 Atlanta, GA 30303		PC	Support for program to recruit metro Atlanta high school students to attend selective colleges on full	200,000.
United Way of Greater Atlanta 40 Courtland Street, NE, Suite 300 Atlanta, GA 30303		PC	Priority initiatives of Smart Start to improve the quality and accessibility of early childhood	8,557,420.
United Way of Greater Atlanta 40 Courtland Street, NE, Suite 300 Atlanta, GA 30303		PC	Support of efforts to assist the homeless during the COVID-19 pandemic.	750,000.
United Way of Greater Atlanta 40 Courtland Street, NE, Suite 300 Atlanta, GA 30303		PC	Priority initiatives of the Regional Commission on Homelessness.	5,200,000.
Total from continuation sheets				

Part XV Supplementary Information

3 Grants and Contributions Paid During the Year (Continuation)

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Voices for Georgia's Children 75 Marietta Street, NW, Suite 401 Atlanta, GA 30303-3068		PC	Operating support for child policy and advocacy organization.	250,000.
Westside Future Fund 1300 Joseph E. Boone Blvd, NW, Suite 16 Atlanta, GA 30314		PC	Support for comprehensive wraparound services at Hollis Innovation Academy and Booker T.	500,000.
Year Up 1630 Metropolitan Parkway, SW Atlanta, GA 30310		PC	Support of workforce development program for low-income young adults.	750,000.
YMCA of Metropolitan Atlanta 569 Martin Luther King Jr. Drive, NW Atlanta, GA 30314-4164		PC	Operating support to maintain services during the COVID-19 pandemic.	2,000,000.
Total from continuation sheets				

Part XV Supplementary Information

3 Grants and Contributions Approved for Future Payment (Continuation)

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Georgia Campaign for Adolescent Power and Potential 1718 Peachtree St., NW, Suite 465 Atlanta, GA 30309		PC	Expansion of teen pregnancy prevention and health programs.	150,000.
Mercy Care Foundation 5134 Peachtree Rd. Chamblee, GA 30341		PC	Expansion of Decatur Street clinic to meet increased demand for services.	4,000,000.
Partners in Change 467 Cherokee Avenue, SE Atlanta, GA 30312-3227		PC	Implementation of online tool and parent coaching program in 10 metro Atlanta schools.	350,000.
The Lovett School 4075 Paces Ferry Rd., NW Atlanta, GA 30327-3099		PC	Program and technology updates for Breakthrough Atlanta, an academic enrichment program for public	100,000.
Westside Future Fund 1300 Joseph E. Boone Blvd, NW, Suite 16 Atlanta, GA 30314		PC	Support for comprehensive wraparound services at Hollis Innovation Academy and Booker T.	500,000.
YMCA of Metropolitan Atlanta 569 Martin Luther King Jr. Drive, NW Atlanta, GA 30314-4164		PC	Operating support to maintain services during the COVID-19 pandemic.	3,000,000.
Total from continuation sheets				8,100,000.

Part XV Supplementary Information

3a Grants and Contributions Paid During the Year Continuation of Purpose of Grant or Contribution

Name of Recipient - Access to Capital for Entrepreneurs

Support of strategic growth plan for certified Community Development

Financial Institution that provides loans and development services to underserved markets.

Name of Recipient - Atlanta Neighborhood Development Partnership

Support for investment plan to accelerate the production of affordable housing units over the next five years.

Name of Recipient - Atlanta Union Mission Corporation

Development of low-barrier shelter for women and children at the Atlanta Day Shelter facility on Ethel Street.

Name of Recipient - Boy Scouts of America, Atlanta Area Council

Capital improvements at the Woodruff Scout Reservation and Bert Adams Scout Camp (\$1,000,000) and operating support (\$500,000).

Name of Recipient - Childkind

One-time support to develop a program providing therapeutic foster care services for children with behavioral challenges.

Name of Recipient - Children's Healthcare of Atlanta

Implementation of the Marcus Autism Center's five-year strategic plan to focus on the early diagnosis and treatment of autism.

Name of Recipient - Communities in Schools of Georgia

Operating support of CISGA, which works to improve academic performance and reduce dropouts among at-risk youth.

Part XV Supplementary Information

3a Grants and Contributions Paid During the Year Continuation of Purpose of Grant or Contribution

Name of Recipient - Community Foundation for Greater Atlanta fbo
redefinED Atlanta

Expansion of the Relay Graduate School of Education's teacher residency
program to Atlanta. Payable over three years.

Name of Recipient - Community Foundation for Greater Atlanta
For the Joseph B. Whitehead Fund to support Achieve Atlanta, an
initiative to improve the postsecondary success of students in Atlanta
Public Schools.

Name of Recipient - Georgia Family Connection Partnership
Support of statewide network (\$700,000) and costs associated with the
establishment of a dropout prevention cohort (\$250,000).

Name of Recipient - Georgia Partnership for Excellence in Education
Operating support for organization working to improve K-12 public
education through research and public policy.

Name of Recipient - Georgia State University Research Foundation
Support for the After-School All-Stars program and summer academy at
Sylvan Hills Middle School and Hollis Innovation Academy.

Name of Recipient - KIPP Metro Atlanta
Operating support in response to the COVID-19 pandemic (\$1 million) and
capital support to complete KIPP Soul (\$1.5 million).

Name of Recipient - L'Arche Atlanta

Part XV Supplementary Information

3a Grants and Contributions Paid During the Year Continuation of Purpose of Grant or Contribution

Purchase and renovation of a home for individuals with intellectual and developmental disabilities.

Name of Recipient - Lifecycle Building Center

\$2.8 million campaign to make critical repairs and add community engagement space to the Material Reuse Center.

Name of Recipient - Neighborhood Cooperative Ministries

\$2.9 million campaign to acquire and renovate a new facility to expand services for low-income families in Gwinnett County.

Name of Recipient - Partners for HOME

Support of citywide strategy to provide housing for the homeless as part of COVID-19 pandemic response and recovery efforts.

Name of Recipient - Soccer in the Streets

\$5.56 million campaign to develop soccer fields adjacent to MARTA stations for StationSoccer youth development program.

Name of Recipient - TechBridge

Support of Technology Career Program to provide low-income adults with comprehensive technical skills training.

Name of Recipient - The Lovett School

Program and technology updates for Breakthrough Atlanta, an academic enrichment program for public school students in metro Atlanta.

Name of Recipient - The Posse Foundation

Part XV Supplementary Information

3a Grants and Contributions Paid During the Year Continuation of Purpose of Grant or Contribution

Support for program to recruit metro Atlanta high school students to attend selective colleges on full scholarships.

Name of Recipient - United Way of Greater Atlanta

Priority initiatives of Smart Start to improve the quality and accessibility of early childhood education in metro Atlanta.

Name of Recipient - Westside Future Fund

Support for comprehensive wraparound services at Hollis Innovation Academy and Booker T. Washington High School.

Part XV | **Supplementary Information**

3b Grants and Contributions Approved for Future Payment Continuation of Purpose of Grant or Contribution

Name of Recipient - Atlanta Neighborhood Development Partnership

Support for investment plan to accelerate the production of affordable housing units over the next five years.

Name of Recipient - Boy Scouts of America, Atlanta Area Council

Capital improvements at the Woodruff Scout Reservation and Bert Adams Scout Camp (\$1,000,000) and operating support (\$500,000).

Name of Recipient - The Lovett School

Program and technology updates for Breakthrough Atlanta, an academic enrichment program for public school students in metro Atlanta.

Name of Recipient - Westside Future Fund

Support for comprehensive wraparound services at Hollis Innovation Academy and Booker T. Washington High School.

Underpayment of Estimated Tax by Corporations

▶ Attach to the corporation's tax return. **Form 990-PF**

2020

▶ Go to www.irs.gov/Form2220 for instructions and the latest information.

Name **Joseph B. Whitehead Foundation** Employer identification number **58-6001954**

Note: Generally, the corporation is not required to file Form 2220 (see Part II below for exceptions) because the IRS will figure any penalty owed and bill the corporation. However, the corporation may still use Form 2220 to figure the penalty. If so, enter the amount from page 2, line 38, on the estimated tax penalty line of the corporation's income tax return, but **do not** attach Form 2220.

Part I Required Annual Payment

1	Total tax (see instructions)		1	797,561.
2a	Personal holding company tax (Schedule PH (Form 1120), line 26) included on line 1	2a		
2b	Look-back interest included on line 1 under section 460(b)(2) for completed long-term contracts or section 167(g) for depreciation under the income forecast method	2b		
2c	Credit for federal tax paid on fuels (see instructions)	2c		
2d	Total. Add lines 2a through 2c	2d		
3	Subtract line 2d from line 1. If the result is less than \$500, do not complete or file this form. The corporation does not owe the penalty	3		797,561.
4	Enter the tax shown on the corporation's 2019 income tax return. See instructions. Caution: If the tax is zero or the tax year was for less than 12 months, skip this line and enter the amount from line 3 on line 5	4		993,891.
5	Required annual payment. Enter the smaller of line 3 or line 4. If the corporation is required to skip line 4, enter the amount from line 3	5		797,561.

Part II Reasons for Filing - Check the boxes below that apply. If any boxes are checked, the corporation **must** file Form 2220 even if it does not owe a penalty. See instructions.

- 6 The corporation is using the adjusted seasonal installment method.
 7 The corporation is using the annualized income installment method.
 8 The corporation is a "large corporation" figuring its first required installment based on the prior year's tax.

Part III Figuring the Underpayment

	(a)	(b)	(c)	(d)	
9 Installment due dates. Enter in columns (a) through (d) the 15th day of the 4th (Form 990-PF filers: Use 5th month), 6th, 9th, and 12th months of the corporation's tax year. Filers with installments due on or after April 1, 2020, and before July 15, 2020, see instructions	9	07/15/20	07/15/20	09/15/20	12/15/20
10 Required installments. If the box on line 6 and/or line 7 above is checked, enter the amounts from Sch A, line 38. If the box on line 8 (but not 6 or 7) is checked, see instructions for the amounts to enter. If none of these boxes are checked, enter 25% (0.25) of line 5 above in each column	10	46,873.		223,907.	201,138.
11 Estimated tax paid or credited for each period. For column (a) only, enter the amount from line 11 on line 15. See instructions	11	16,967.		260,000.	450,000.
Complete lines 12 through 18 of one column before going to the next column.					
12 Enter amount, if any, from line 18 of the preceding column	12				36,093.
13 Add lines 11 and 12	13			260,000.	486,093.
14 Add amounts on lines 16 and 17 of the preceding column	14				
15 Subtract line 14 from line 13. If zero or less, enter -0-	15	16,967.		260,000.	486,093.
16 If the amount on line 15 is zero, subtract line 13 from line 14. Otherwise, enter -0-	16			0.	
17 Underpayment. If line 15 is less than or equal to line 10, subtract line 15 from line 10. Then go to line 12 of the next column. Otherwise, go to line 18	17	29,906.			
18 Overpayment. If line 10 is less than line 15, subtract line 10 from line 15. Then go to line 12 of the next column	18			36,093.	

Go to Part IV on page 2 to figure the penalty. Do not go to Part IV if there are no entries on line 17 - no penalty is owed.

Part IV Figuring the Penalty

	(a)	(b)	(c)	(d)
19 Enter the date of payment or the 15th day of the 4th month after the close of the tax year, whichever is earlier. (C corporations with tax years ending June 30 and S corporations: Use 3rd month instead of 4th month. Form 990-PF and Form 990-T filers: Use 5th month instead of 4th month.) See instructions 19				
20 Number of days from due date of installment on line 9 to the date shown on line 19	20			
21 Number of days on line 20 after 4/15/2020 and before 7/1/2020	21			
22 Underpayment on line 17 x $\frac{\text{Number of days on line 21} \times 5\% (0.05)}{366}$...	22 \$	\$	\$	\$
23 Number of days on line 20 after 6/30/2020 and before 10/1/2020	23			
24 Underpayment on line 17 x $\frac{\text{Number of days on line 23} \times 3\% (0.03)}{366}$...	24 \$	\$	\$	\$
25 Number of days on line 20 after 9/30/2020 and before 1/1/2021	25			
26 Underpayment on line 17 x $\frac{\text{Number of days on line 25} \times 3\% (0.03)}{366}$...	26 \$	\$	\$	\$
27 Number of days on line 20 after 12/31/2020 and before 4/1/2021	27	See Attached Worksheet		
28 Underpayment on line 17 x $\frac{\text{Number of days on line 27} \times 3\% (0.03)}{365}$...	28 \$	\$	\$	\$
29 Number of days on line 20 after 3/31/2021 and before 7/1/2021	29			
30 Underpayment on line 17 x $\frac{\text{Number of days on line 29} \times \%}{365}$	30 \$	\$	\$	\$
31 Number of days on line 20 after 6/30/2021 and before 10/1/2021	31			
32 Underpayment on line 17 x $\frac{\text{Number of days on line 31} \times \%}{365}$	32 \$	\$	\$	\$
33 Number of days on line 20 after 9/30/2021 and before 1/1/2022	33			
34 Underpayment on line 17 x $\frac{\text{Number of days on line 33} \times \%}{365}$	34 \$	\$	\$	\$
35 Number of days on line 20 after 12/31/2021 and before 3/16/2022	35			
36 Underpayment on line 17 x $\frac{\text{Number of days on line 35} \times \%}{365}$	36 \$	\$	\$	\$
37 Add lines 22, 24, 26, 28, 30, 32, 34, and 36	37 \$	\$	\$	\$
38 Penalty. Add columns (a) through (d) of line 37. Enter the total here and on Form 1120, line 34; or the comparable line for other income tax returns	38			\$ 152.

* Use the penalty interest rate for each calendar quarter, which the IRS will determine during the first month in the preceding quarter. These rates are published quarterly in an IRS News Release and in a revenue ruling in the Internal Revenue Bulletin. To obtain this information on the Internet, access the IRS website at www.irs.gov. You can also call 1-800-829-4933 to get interest rate information.

Schedule A Adjusted Seasonal Installment Method and Annualized Income Installment Method

See instructions.

Form 1120-S filers: For lines 1, 2, 3, and 21, "taxable income" refers to excess net passive income or the amount on which tax is imposed under section 1374(a), whichever applies.

Part I Adjusted Seasonal Installment Method

Caution: Use this method only if the base period percentage for any 6 consecutive months is at least 70%. See instructions.

Table with 5 columns: (a) First 3 months, (b) First 5 months, (c) First 8 months, (d) First 11 months. Rows include taxable income for various periods (1-3), calculations for each period (4-6), and final tax calculations (7-19).

Part II ^{**} Annualized Income Installment Method

		(a)	(b)	(c)	(d)	
		First <u>2</u> months	First <u>3</u> months	First <u>6</u> months	First <u>9</u> months	
20	Annualization periods (see instructions)	20				
21	Enter taxable income for each annualization period. See instructions for the treatment of extraordinary items	21	2,248,094.	489,656.	12,987,068.	25,463,273.
22	Annualization amounts (see instructions)	22	6.000000	4.000000	2.000000	1.333330
23a	Annualized taxable income. Multiply line 21 by line 22 ..	23a	13,488,564.	1,958,624.	25,974,136.	33,950,946.
	b Extraordinary items (see instructions)	23b				
	c Add lines 23a and 23b	23c	13,488,564.	1,958,624.	25,974,136.	33,950,946.
24	Figure the tax on the amount on line 23c using the instructions for Form 1120, Schedule J, line 2, or comparable line of corporation's return	24	187,491.	27,225.	361,040.	471,918.
25	Enter any alternative minimum tax (trusts only) for each payment period (see instructions)	25				
26	Enter any other taxes for each payment period. See instr.	26				
27	Total tax. Add lines 24 through 26	27	187,491.	27,225.	361,040.	471,918.
28	For each period, enter the same type of credits as allowed on Form 2220, lines 1 and 2c. See instructions	28				
29	Total tax after credits. Subtract line 28 from line 27. If zero or less, enter -0-	29	187,491.	27,225.	361,040.	471,918.
30	Applicable percentage	30	25%	50%	75%	100%
31	Multiply line 29 by line 30	31	46,873.	13,613.	270,780.	471,918.

Part III Required Installments

		1st installment	2nd installment	3rd installment	4th installment	
Note: Complete lines 32 through 38 of one column before completing the next column.						
32	If only Part I or Part II is completed, enter the amount in each column from line 19 or line 31. If both parts are completed, enter the smaller of the amounts in each column from line 19 or line 31	32	46,873.	13,613.	270,780.	471,918.
33	Add the amounts in all preceding columns of line 38. See instructions	33		46,873.	46,873.	270,780.
34	Adjusted seasonal or annualized income installments. Subtract line 33 from line 32. If zero or less, enter -0- ..	34	46,873.	0.	223,907.	201,138.
35	Enter 25% (0.25) of line 5 on page 1 of Form 2220 in each column. Note: "Large corporations," see the instructions for line 10 for the amounts to enter	35	199,390.	199,391.	199,390.	199,390.
36	Subtract line 38 of the preceding column from line 37 of the preceding column	36		152,517.	351,908.	327,391.
37	Add lines 35 and 36	37	199,390.	351,908.	551,298.	526,781.
38	Required installments. Enter the smaller of line 34 or line 37 here and on page 1 of Form 2220, line 10. See instructions	38	46,873.	0.	223,907.	201,138.

Form 2220 (2020)

**** Annualized Income Installment Method Using Standard Option**

Form 990-PF
UNDERPAYMENT OF ESTIMATED TAX WORKSHEET

Name(s)					Identifying Number
Joseph B. Whitehead Foundation					58-6001954
(A) *Date	(B) Amount	(C) Adjusted Balance Due	(D) Number Days Balance Due	(E) Daily Penalty Rate	(F) Penalty
		-0-			
07/15/20	46,873.	46,873.			
07/15/20	-10,000.	36,873.			
07/15/20	-6,967.	29,906.	62	.000081967	152.
09/15/20	223,907.	253,813.			
09/15/20	-260,000.	-6,187.			
12/15/20	201,138.	194,951.			
12/15/20	-450,000.	-255,049.			
12/31/20	0.	-255,049.	29	.000082192	
01/29/21	-75,000.	-330,049.			

Penalty Due (Sum of Column F). 152.

* Date of estimated tax payment, withholding credit date or installment due date.

Form 990-PF Interest on Savings and Temporary Cash Investments Statement 1

Source	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
CASH EQUIVALENTS	105,797.	105,797.	
Total to Part I, line 3	105,797.	105,797.	

Form 990-PF Dividends and Interest from Securities Statement 2

Source	Gross Amount	Capital Gains Dividends	(a) Revenue Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income
DIVIDENDS	50,250,287.	0.	50,250,287.	50,250,287.	
To Part I, line 4	50,250,287.	0.	50,250,287.	50,250,287.	

Form 990-PF Rental Income Statement 3

Kind and Location of Property	Activity Number	Gross Rental Income
PEACHTREE CENTER LAND, ATLANTA	1	45,000.
Total to Form 990-PF, Part I, line 5a		45,000.

Form 990-PF Rental Expenses Statement 4

Description	Activity Number	Amount	Total
COMMISSION		2,250.	
- Subtotal -	1		2,250.
Total rental expenses			2,250.
Net rental Income to Form 990-PF, Part I, line 5b			42,750.

Form 990-PF	Legal Fees			Statement 5
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
LEGAL FEES	261.	13.		248.
To Fm 990-PF, Pg 1, ln 16a	261.	13.		248.

Form 990-PF	Accounting Fees			Statement 6
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
AUDIT FEES	15,607.	780.		14,827.
To Form 990-PF, Pg 1, ln 16b	15,607.	780.		14,827.

Form 990-PF	Other Professional Fees			Statement 7
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
INVESTMENT FEES	257,122.	257,122.		0.
BENEFIT CONSULTANTS	7,067.	353.		6,714.
To Form 990-PF, Pg 1, ln 16c	264,189.	257,475.		6,714.

Form 990-PF	Taxes			Statement 8
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
EXCISE TAX	720,000.	0.		0.
To Form 990-PF, Pg 1, ln 18	720,000.	0.		0.

Form 990-PF

Other Expenses

Statement 9

Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
COMPUTER	14,509.	725.		13,784.
OFFICE INSURANCE	5,960.	298.		5,662.
SUPPLIES	540.	27.		513.
ORGANIZATION DUES	10,551.	261.		10,290.
POSTAGE	423.	21.		402.
REPAIRS AND MAINTENANCE	1,326.	66.		1,260.
FURNITURE AND EQUIPMENT	989.	50.		939.
TELEPHONE	1,204.	60.		1,144.
MISCELLANEOUS	338.	16.		322.
COMMISSION	2,250.	2,250.		0.
To Form 990-PF, Pg 1, ln 23	38,090.	3,774.		34,316.

Form 990-PF

Corporate Stock

Statement 10

Description	Book Value	Fair Market Value
1 800 FLOWERS COM INC	1,561.	4,082.
1LIFE HEALTHCARE INC	16,858.	24,138.
3M CO	32,045.	170,071.
51JOB INC SPONSORED	1,429.	1,470.
8X8 INC	16,290.	24,095.
A10 NETWORKS INC	3,105.	4,023.
AAC TECH HOLDINGS UNSPONSORED	3,416.	1,945.
AAON INC	15,249.	20,256.
ABB LTD SPONSORED	7,235.	8,220.
ABBOTT LABS	137,051.	321,791.
ABBVIE INC	180,873.	313,628.
ABIOMED INC	26,767.	22,694.
ACACIA COMMUNICATIONS INC	17,418.	19,553.
ACADIA HEALTHCARE	315,119.	381,172.
ACCEL ENTERTAINMENT INC	2,781.	3,121.
ACCELERATE DIAGNOSTICS INC	3,150.	1,251.
ACCENTURE PLC CL A	123,786.	274,271.
ACCOLADE INC	3,748.	3,959.
ACCOR SA SPONSORED	1,484.	1,246.
ACCURAY INC	3,032.	3,474.
ACI WORLDWIDE INC	25,401.	29,668.
ACS ACTIVIDADES DE CONS UNSPONSORED	1,650.	1,527.
ACTIVISION BLIZZARD INC	62,501.	120,705.
ACUSHNET HOLDINGS CORP	2,972.	3,608.
ADAPTHEALTH CORP CL A	3,899.	5,596.
ADDUS HOMECARE CORP	5,959.	11,943.
ADIDAS AG SPONSORED	6,581.	10,430.
ADMA BIOLOGICS INC	1,090.	509.
ADOBE INC	78,663.	398,096.
ADVANCED AUTO PARTS	23,703.	19,216.
ADVANCED DRAINAGE SYSTEMS INC	13,748.	30,089.
ADVANCED ENERGY INDS INC	14,192.	24,727.
ADVANCED MICRO DEVICES INC	100,352.	205,614.
ADVANCED MICRO DEVICES INC	41,739.	181,494.
ADVERUM BIOTECHNOLOGIES INC	8,313.	5,832.
ADYEN NV UNSPONSORED	2,823.	5,614.
AEGLEA BIOTHERAPEUTICS INC	2,960.	2,526.
AERIE PHARMACEUTICALS INC	6,104.	3,432.
AEROJET ROCKETDYNE HOLDINGS INC	21,743.	27,006.
AEROVIRONMENT INC	9,330.	12,948.
AES CORP	11,554.	25,639.
AFFIMED NV	3,401.	4,266.
AFLAC INC	35,939.	50,385.
AGEAS SPONSORED	3,579.	3,951.
AGENUS INC	2,976.	3,727.
AGILENT TECHNOLOGIES INC	22,935.	62,918.
AGILYSYS INC	4,058.	6,409.
AGNICO EAGLE MINES LTD	1,230.	2,538.
AGRICULTURAL BANK CHINA UNSPONSORED	3,305.	2,569.
AIA GROUP LTD	13,911.	21,322.
AIR PRODUCTS & CHEMICALS INC	50,009.	102,458.
AIR TRANSPORT SERVICES GRP INC	9,482.	12,599.

AIRBNB INC CL A	8,364.	18,056.
AIRBUS SE UNSPONSORED	8,533.	9,835.
AIRPORTS OF THAILAND PCL	4,349.	4,527.
AKAMAI TECHNOLOGIES INC	17,806.	29,712.
AKBANK T.A.S SPONSORED	2,045.	1,902.
AKEBIA THERAPEUTICS INC	10,591.	2,537.
AKERO THERAPEUTICS INC	3,166.	2,219.
AKOUSTIS TECHNOLOGIES INC	3,120.	4,427.
AKTIEBOLAGET ELECTROLUX SPONSORED	2,346.	1,798.
AKZO NOBEL NV SPONSORED	6,975.	7,176.
ALAMO GROUP INC	3,108.	5,794.
ALARM.COM HOLDINGS INC	18,589.	34,345.
ALASKA AIR GROUP INC	13,378.	10,608.
ALBANY INTL CORP - CL A	13,774.	12,849.
ALBEMARLE CORP	14,436.	26,849.
ALBIREO PHARMA INC	3,091.	3,939.
ALCON INC	3,804.	4,091.
ALECTOR INC	5,700.	4,887.
ALEXANDER'S INC	4,732.	3,606.
ALEXANDRIA REAL ESTATE EQUITIES INC	24,809.	36,179.
ALEXION PHARMACEUTICALS INC	59,870.	57,184.
ALFA LAVAL AB UNSPONSORED	1,762.	1,980.
ALIBABA GROUP HOLDING LTD SPONSORED	393,577.	530,857.
ALIBABA GROUP HOLDING LTD SPONSORED	41,109.	53,528.
ALIGN TECHNOLOGY INC	20,290.	64,660.
ALLAKOS INC	11,460.	27,020.
ALLEGION PLC	10,238.	18,272.
ALLIANT CORP	18,730.	23,858.
ALLIANZ SE UNSPONSORED	10,495.	11,733.
ALLIED MOTION TECHNOLOGIES INC	3,009.	3,935.
ALLOGENE THERAPEUTICS INC	12,079.	9,162.
ALLOVIR INC	3,343.	4,536.
ALLSCRIPTS HEALTHCARE SOLUTIONS INC	2,970.	3,061.
ALLSTATE CORP	33,221.	58,703.
ALPHA PRO TECH LTD	2,757.	1,751.
ALPHABET INC CL A	396,207.	878,073.
ALPHABET INC CL A	701,394.	1,500,260.
ALPHABET INC CL C	375,196.	849,662.
ALPHABET INC CL C	262,529.	609,654.
ALPHATEC HOLDINGS INC	1,460.	4,806.
ALTAIR ENGINEERING INC	12,630.	18,036.
ALTRIA GROUP INC	193,470.	128,494.
AMADEUS IT GROUP SA	4,679.	3,907.
AMAZON.COM INC	609,006.	2,638,113.
AMAZON.COM INC	606,270.	2,318,934.
AMBARELLA INC	3,237.	6,336.
AMBEV SA SPONSORED	4,717.	2,696.
AMC NETWORKS-A	1,291.	2,039.
AMCOR PLC	28,851.	30,437.
AMEREN CORP	20,874.	30,756.
AMERESCO INC CL A	4,656.	8,881.
AMERICA MOVIL SAB DE CD SPONSORED	3,803.	2,981.
AMERICAN AIRLINES GROUP INC	32,843.	11,291.
AMERICAN CAMPUS COMMUNITIES INC	247,662.	221,591.
AMERICAN ELEC PWR INC	18,300.	68,698.
AMERICAN EXPRESS CO	79,629.	129,495.
AMERICAN INTL GROUP INC	88,427.	53,118.
AMERICAN SOFTWARE CLASS A	3,861.	4,344.

AMERICAN STS WTR CO	16,916.	17,651.
AMERICAN TOWER CORP	82,749.	167,896.
AMERICAN VANGUARD CORP	1,469.	1,738.
AMERICAN WATER WORKS CO INC	22,735.	46,655.
AMERICA'S CAR-MART INC	2,408.	4,064.
AMERIPRISE FINANCIAL INC	22,598.	38,477.
AMERISOURCEBERGEN CORP	26,307.	26,200.
AMETEK INC	20,662.	46,078.
AMGEN INC	157,426.	221,413.
AMICUS THERAPEUTICS INC	22,972.	40,939.
AMKOR TECHNOLOGY INC	1,357.	1,734.
AMN HEALTHCARE SVCS INC	19,980.	22,386.
AMNEAL PHARMACEUTICALS INC CL A	3,127.	4,191.
AMPHASTAR PHARMACEUTICALS INC	5,336.	5,631.
AMPHENOL CORP	27,644.	66,039.
ANALOG DEVICES INC	43,670.	91,297.
ANAVEX LIFE SCIENCES CORP	3,014.	3,191.
ANGLO AMERICAN PLC SPONSORED	3,303.	4,805.
ANGLOGOLD ASHANTI LIMITED SPONSORED	1,870.	1,583.
ANHEUSER BUSCH INBEV SPONSORED	11,457.	6,781.
ANHUI CONCH CEMENT CO UNSPONSORED	1,886.	1,642.
ANI PHARMACEUTICALS, INC	3,879.	1,394.
ANSYS INC	19,880.	52,023.
ANTA SPORTS PRODUCTS UNSPONSORED	4,342.	7,432.
ANTARES PHARMA INC	3,070.	4,030.
ANTERIX INC	5,546.	4,662.
ANTHEM INC	61,932.	136,142.
ANTHEM INC	112,578.	124,583.
AON PLC	38,391.	83,663.
APACHE CORP	29,287.	8,926.
APARTMENT INCOME REIT CORP	9,700.	9,833.
APARTMENT INVT & MGMT CO CL A	12,492.	1,352.
APELLIS PHARMACEUTICALS INC	12,172.	24,424.
APOLLO MEDICAL HOLDINGS INC	1,432.	1,589.
APPFOLIO INC CL A	9,129.	21,245.
APPIAN CORP CL A	8,689.	39,226.
APPLE INC	817,329.	3,539,506.
APPLE INC	466,056.	1,262,147.
APPLIED INDL TECHNOLOGIES INC	6,157.	8,345.
APPLIED MATERIALS INC	25,754.	132,298.
APPLIED MOLECULAR TRANSPORT IN	3,654.	3,415.
APPLIED THERAPEUTICS INC	1,683.	1,673.
APTARGROUP INC	230,712.	327,578.
APTIV PLC	31,580.	57,458.
APTIV PLC	235,630.	380,056.
ARCHER DANIELS MIDLAND CO	41,579.	46,730.
ARCTURUS THERAPEUTICS HOLDINGS	9,226.	6,637.
ARCUS BIOSCIENCES INC	6,232.	7,321.
ARCUTIS BIOTHERAPEUTICS INC	3,653.	4,220.
ARDELYX INC	3,258.	3,293.
ARENA PHARMACEUTICALS INC	1,963.	2,459.
ARISTA NETWORKS INC	27,076.	26,732.
ARROWHEAD PHARMACEUTICALS INC	21,948.	53,634.
ARTESIAN RESOURCES CORP CL A	3,079.	3,189.
ARTHUR J GALLAGHER & CO	16,596.	37,484.
ARTISAN PARTNERS	4,339.	7,501.
ARTISAN PARTNERS	84,438.	158,974.
ARVINAS INC	8,941.	21,317.

ASBURY AUTOMOTIVE GROUP	4,379.	7,578.
ASE INDUSTRIAL HOLDING CO	8,538.	10,506.
ASGN INC	23,439.	24,975.
ASHAI KASEI CORP UNSPONSORED	9,050.	7,469.
ASHTAD GROUP PLC UNSPONSORED	2,150.	4,169.
ASML HOLDING NV SPONSORED	200,947.	415,537.
ASML HOLDING NV SPONSORED	10,835.	26,825.
ASPEN GROUP INC	2,884.	3,673.
ASPEN PHARMACARE HLDGS UNSPONSORED	4,232.	1,540.
ASPIRA WOMEN'S HEALTH INC	3,256.	4,153.
ASSA ABLOY UNSPONSORED	4,072.	4,674.
ASSEMBLY BIOSCIENCES INC	2,908.	780.
ASSOC BRITISH FOODS LMTD UNSPONSORED	4,514.	3,478.
ASSURANT INC	7,245.	12,124.
ASTELLAS PHARMA INC UNSPONSORED	4,533.	4,539.
ASTRAZENECA PLC SPONSORED	11,474.	17,247.
AT&T INC	202,454.	340,058.
ATARA BIOTHERAPEUTICS INC	7,926.	9,305.
ATHENEX INC	7,375.	5,099.
ATHERSYS INC	2,948.	2,399.
ATKORE INTERNATIONAL GROUP INC	8,276.	13,484.
ATLANTIA S.P.A UNSPONSORED	3,895.	2,180.
ATLANTIC UNION BANKSHARES CORP	194,553.	169,806.
ATLAS COPCO AB SPONSORED	6,131.	7,611.
ATMOS ENERGY CORPORATION	19,482.	19,372.
ATOMERA INC	2,795.	4,714.
ATOS ORIGIN SA UNSPONSORED	3,199.	1,997.
ATRECA INC CL A	2,987.	2,519.
ATRICURE INC	9,876.	16,200.
ATRION CORP	7,875.	6,422.
AU OPTRONICS CORP SPONSORED	7,657.	12,583.
AURORA INNOVATION INC	17,926.	38,134.
AUSTRALIA & NEW ZEALAND SPONSORED	9,712.	7,053.
AUTODESK INC	24,260.	113,281.
AUTOHOME INC SPONSORED	1,521.	1,992.
AUTOMATIC DATA PROCESSING INC	65,588.	128,097.
AUTOZONE INC	29,456.	45,047.
AVALONBAY COMMUNITIES INC	40,080.	36,899.
AVANTOR INC	119,508.	214,813.
AVAYA HOLDINGS CORP	7,499.	11,299.
AVERY DENNISON CORP	9,383.	22,646.
AVID BIOSERVICES INC	2,908.	5,412.
AVID TECHNOLOGY INC	2,977.	4,682.
AVIDITY BIOSCIENCES INC	3,494.	3,113.
AVIS BUDGET GROUP	12,902.	13,316.
AVIVA PLC SPONSORED	1,856.	1,191.
AVROBIO INC	6,107.	4,098.
AXA SPONSORED	6,220.	5,221.
AXCELIS TECHNOLOGIES INC	5,679.	6,086.
AXOGEN INC	3,439.	4,636.
AXONICS MODULATION TECHNOLOGIES INC	6,546.	10,184.
AXSOME THERAPEUTICS INC	7,626.	15,724.
B&G FOODS INC	9,481.	10,815.
BADGER METER INC	10,980.	17,965.
BAE SYSTEMS PLC SPONSORED	5,725.	4,534.
BAIDU INC	9,519.	8,650.
BAKER HUGHES CO	48,009.	24,478.
BALCHEM CORP	21,133.	25,118.

BALL CORP	20,295.	48,733.
BALLY'S CORP	3,593.	6,379.
BANCO BILBAO VIZCAYA SPONSORED	6,315.	3,512.
BANCO BRADESCO SPONSORED	4,759.	3,167.
BANCO DE CHILE SPONSORED	3,918.	2,772.
BANCO DO BRASIL SPONSORED	1,183.	1,248.
BANCO SANTANDER BRASIL SPONSORED	2,323.	1,875.
BANCO SANTANDER CHILE SPONSORED	4,073.	2,583.
BANCO SANTANDER SA SPONSORED	10,247.	4,667.
BANCOLOMBIA S.A. SPONSORED	2,335.	2,049.
BANDWIDTH INC CL A	12,881.	20,438.
BANK MONTREAL QUEBEC	3,364.	3,421.
BANK OF AMERICA CORP	218,557.	382,937.
BANK OF CHINA LTD UNSPONSORED	2,998.	2,265.
BANK OF NEW YORK MELLON CORP	57,227.	56,573.
BANK OF NOVA SCOTIA HALIFAX	11,277.	9,781.
BAOZUN INC SPONSORED	1,570.	1,408.
BARCLAYS PLC SPONSORED	5,883.	4,722.
BARRATT DEVELOPMENTS UNSPONSORED	1,432.	1,292.
BARRICK GOLD CORP	4,773.	8,155.
BASF SE SPONSORED	5,938.	4,448.
BAUSCH HEALTH COMPANIES INC	957.	1,414.
BAXTER INTL INC	36,705.	68,766.
BAYER AG SPONSORED	14,946.	6,737.
BAYERISCHE MOTOREN WERKE SPONSORED	1,350.	1,790.
BB SEGURIDADE PARTICIPACOS SPONSORED	3,956.	3,260.
BEAM THERAPEUTICS INC	10,110.	23,676.
BECTON DICKINSON & CO	84,074.	119,105.
BECTON DICKINSON & CO	179,367.	208,183.
BEIERSDORF AG UNSPONSORED	2,653.	2,556.
BEIGENE LTD SPONSORED	1,656.	2,584.
BENEFITFOCUS INC	4,799.	2,592.
BERKSHIRE HATHAWAY INC-CL B	483,415.	753,114.
BEST BUY COMPANY INC	13,332.	38,319.
BHP BILLITON PLC SPONSORED	4,273.	6,205.
BHP GROUP LTD SPONSORED	9,043.	14,048.
BILIBILI INC SPONSORED	2,206.	5,829.
BIO RAD LABORATORIES CL A	18,079.	23,318.
BIO RAD LABORATORIES CL A	221,017.	432,541.
BIOCRIST PHARMACEUTICALS INC	2,922.	6,273.
BIODELIVERY SCIENCES INTL INC	2,741.	2,940.
BIOGEN INC	68,085.	60,970.
BIOHAVEN PHARMACEUTICAL HOLDING CO	16,507.	28,199.
BIOLIFE SOLUTIONS INC	3,545.	4,946.
BIOSIG TECHNOLOGIES INC	761.	636.
BIOTELEMETRY INC	9,488.	14,416.
BIOXCEL THERAPEUTICS INC	4,060.	3,373.
BJ'S WHOLESALE CLUB HOLDINGS	32,333.	36,497.
BJ'S WHOLESALE CLUB HOLDINGS	240,439.	352,781.
BLACK DIAMOND THERAPEUTICS INC	3,594.	3,461.
BLACKBAUD INC	27,241.	20,031.
BLACKBERRY LIMITED	2,948.	1,982.
BLACKLINE INC	20,353.	46,683.
BLACKROCK INC	95,593.	173,170.
BLOOM ENERGY CORP CL A	5,405.	17,655.
BLOOMIN BRANDS INC	9,890.	10,778.
BLUEPRINT MEDICINES CORP	35,242.	42,393.
BNP PARIBAS SPONSORED	8,694.	5,801.

BOEING CO	141,219.	187,517.
BOINGO WIRELESS INC	5,905.	4,694.
BOOKING HOLDINGS INC	95,545.	149,227.
BOOKING HOLDINGS INC	246,450.	307,363.
BOOT BARN HOLDINGS INC	3,313.	7,198.
BOOZ ALLEN HAMILTON HLDG	164,647.	391,351.
BORGWARNER INC	14,937.	12,674.
BOSTON PROPERTIES INC	30,483.	23,254.
BOSTON SCIENTIFIC CORP	50,800.	86,352.
BOTTOMLINE TECHNOLOGIES DE INC	14,094.	16,613.
BOX INC	18,015.	18,303.
BP PLC	15,343.	8,454.
BRADY CORP CL A	12,023.	12,518.
BRAINSTORM CELL THERAPEUTICS	2,901.	1,036.
BRAMBLES LTD SPONSORED	4,414.	4,554.
BRENNTAG AG UNSPONSORED	2,034.	2,726.
BRIDGEBIO PHARMA INC	14,027.	36,053.
BRIDGESTONE CORPORATION UNSPONSORED	2,564.	2,001.
BRIGHT HORIZONS FAMILY SOLUTIONS	177,178.	259,139.
BRIGHTCOVE INC	3,037.	4,784.
BRIGHTSPHERE INVESTMENT GROUP INC	5,125.	8,310.
BRINKER INTL INC	7,871.	10,975.
BRINKS CO	29,938.	24,552.
BRISTOL MYERS SQUIBB CO	237,437.	235,776.
BRITISH AMERN TOB PLC SPONSORED	17,411.	11,060.
BROADCOM INC	104,313.	297,300.
BROADRIDGE FINL SOLUTIONS INC	21,391.	28,648.
BROOKFIELD ASSET MANAGE-CL A	6,828.	10,318.
BROOKFIELD INFRASTRUCTURE-A	5,111.	7,447.
BROOKFIELD RENEWABLE CORP CL A	999.	2,710.
BROOKS AUTOMATION INC	13,407.	34,264.
BROWN FORMAN CORP CL B	13,584.	22,558.
BRP GROUP INC CL A	9,008.	9,560.
BUILDERS FIRSTSOURCE	11,568.	28,608.
BUNZL PLC SPONSORED	8,060.	8,874.
BURBERRY GROUP PLC SPONSORED	1,843.	1,867.
BURLINGTON STORES INC	120,670.	353,877.
BYD CO LTD UNSPONSORED	2,142.	7,124.
C4 THERAPEUTICS INC	2,992.	3,081.
CABOT OIL & GAS CORP	16,720.	12,438.
CACTUS INC CL A	5,198.	4,406.
CADENCE DESIGN SYSTEMS INC	19,292.	64,804.
CAESARS ENTERTAINMENT INC	26,427.	53,623.
CAL MAINE FOODS INC	3,205.	2,778.
CALAVO GROWERS INC	9,772.	9,928.
CALIFORNIA WTR SVC GROUP	15,416.	16,101.
CALITHERA BIOSCIENCES INC	2,846.	2,642.
CALIX INC	4,648.	10,059.
CAMECO CORP	3,262.	4,382.
CAMPBELL SOUP CO	16,876.	15,472.
CAMPING WORLD HOLDINGS INC	9,405.	5,809.
CANADIAN NATIONAL RAILWAY CO	8,528.	11,424.
CANADIAN NATURAL RESOURCES	4,250.	3,127.
CANADIAN PACIFIC RAILWAY LTD	5,549.	11,787.
CANON INC SPONSORED	5,079.	3,513.
CANTEL MEDICAL CORPORATION	10,565.	20,819.
CAPGEMINI SE UNSPONSORED	3,148.	4,008.
CAPITAL ONE FINANCIAL CORP	62,725.	75,521.

CARA THERAPEUTICS INC	7,842.	5,401.
CARDINAL HEALTH INC	43,633.	28,012.
CARDIOVASCULAR SYSTEM INC	11,873.	13,084.
CARDLYTICS INC	7,939.	25,699.
CARDTRONICS PLC CL A	5,082.	6,531.
CAREDX INC	10,084.	23,474.
CARETRUST REIT INC	2,181.	2,041.
CARGURUS INC CL A	19,915.	19,101.
CARL ZEISS MEDITEC AG UNSPONSORED	2,145.	2,146.
CARLSBERG A/S SPONSORED	2,379.	3,342.
CARMAX INC	14,875.	24,276.
CARMAX INC	87,924.	114,769.
CARNIVAL CORP	47,887.	26,880.
CARPARTS.COM INC	2,931.	3,085.
CARREFOUR SA SPONSORED	3,039.	2,747.
CARRIER GLOBAL CORP	23,460.	49,262.
CARTERS INC	215,857.	208,083.
CARVANA CO CL A	37,162.	217,742.
CASA SYSTEMS INC	3,033.	2,844.
CASELLA WASTE SYSTEMS INC CL A	16,894.	22,178.
CASS INFORMATION SYS INC	4,095.	3,307.
CASTLE BIOSCIENCES INC	4,684.	5,909.
CATALENT INC	24,785.	30,388.
CATALENT INC	184,046.	468,731.
CATALYST PHARMACEUTICALS INC	3,096.	2,445.
CATERPILLAR INC	67,722.	162,908.
CAVCO INDUSTRIES INC	9,482.	10,527.
CAVCO INDUSTRIES INC	219,001.	260,368.
CBIZ INC	3,089.	3,566.
CBOE GLOBAL MARKETS INC	14,752.	17,320.
CBRE GROUP INC	21,423.	33,116.
CDN IMPERIAL BK OF COMMERCE	6,562.	6,410.
CDW CORP	27,725.	30,180.
CELANESE CORP	16,859.	25,208.
CELLULAR BIOMEDICINE GROUP INC	3,132.	3,602.
CEL-SCI CORP	2,193.	2,367.
CELSIUS HOLDINGS INC	1,227.	13,684.
CEMEX SOUTH AMERICA SPONSORED	4,367.	2,502.
CENOVUS ENERGY INC	1,997.	1,250.
CENTENE CORP	146,705.	163,462.
CENTENE CORP	45,846.	58,289.
CENTERPOINT ENERGY INC	16,484.	18,004.
CENTRAIS ELETRICAS BRASIL SPONSORED	1,289.	1,167.
CENTRAL GARDEN & PET CL A	3,134.	3,488.
CENTRAL JAPAN RAI UNSPONSORED	7,442.	6,024.
CENTURYLINK INC	39,886.	15,756.
CERENCE INC	219,891.	522,195.
CERNER CORP	33,376.	39,554.
CERUS CORP	7,155.	8,145.
CEVA INC	5,332.	8,099.
CF INDUSTRIES HOLDINGS INC	20,124.	14,903.
CGI INC CL A	3,451.	4,521.
CH ROBINSON WORLDWIDE INC	15,776.	21,778.
CHANNELADVISOR CORP	3,285.	3,596.
CHARLES SCHWAB CORP	44,820.	132,070.
CHARLES SCHWAB CORP	115,218.	129,046.
CHARTER COMMUNICATIONS INC CL A	67,712.	158,772.
CHASE CORP	5,518.	5,455.

CHECK POINT SOFTWARE TECH LTD	2,384.	3,057.
CHEMED CORP	166,658.	240,740.
CHEMOCENTRYX INC	2,939.	22,415.
CHESAPEAKE UTILITIES CORP	10,407.	12,661.
CHEVRON CORP	318,051.	269,396.
CHIASMA INC	2,698.	1,927.
CHILDRENS PL INC NEW	6,104.	4,659.
CHINA CONSTR BK CORP UNSPONSORED	12,961.	11,460.
CHINA LIFE INSURANCE CO SPONSORED	5,021.	3,738.
CHINA MERCHANTS BANK UNSPONSORED	3,529.	6,036.
CHINA MOBILE LIMITED SPONSORED	10,116.	5,622.
CHINA OVERSEAS LD & INVT UNSPONSORED	7,674.	5,426.
CHINA PETE & CHEM CORP SPONSORED	5,878.	3,300.
CHIPOTLE MEXICAN GRILL INC	35,317.	66,562.
CHIPOTLE MEXICAN GRILL INC	73,054.	166,405.
CHR HANSEN HOLDINGS SPONSORED	1,999.	2,302.
CHROMADEX CORP	2,905.	3,058.
CHUBB LTD	88,329.	118,518.
CHUGAI PHARMACEUTICAL CO UNSPONSORED	2,287.	2,740.
CHUNGHWA TELECOM LTD SPONSORED	8,856.	9,887.
CHURCH & DWIGHT INC	17,584.	35,939.
CHURCHILL DOWNS INC	31,258.	51,230.
CIA BRASILEIRA SPONSORED	2,034.	1,332.
CIA CERVECERIAS UNIDAS SPONSORED	4,981.	3,807.
CIA DE MINAS BUENAVENTUR SPONSORED	2,953.	3,011.
CIA SANEAMENTO BASICO DE SPONSORED	901.	996.
CIE FINANCIERE RICH UNSPONSORED	6,404.	6,461.
CIGNA CORP	92,492.	123,451.
CIGNA CORP	536,635.	608,094.
CIMPRESS PLC	3,701.	3,510.
CINCINNATI BELL INC	3,002.	3,087.
CINCINNATI FINL CORP	19,239.	24,813.
CINTAS CORP	13,112.	49,838.
CISCO SYSTEMS INC	207,460.	313,519.
CITIGROUP INC	188,973.	215,872.
CITIZENS FINANCIAL GROUP INC	13,606.	22,886.
CITRIX SYSTEMS INC	13,241.	25,630.
CLEARWAY ENERGY INC CL A	2,913.	4,167.
CLEARWAY ENERGY INC CL C	2,931.	4,119.
CLIPPER REALTY INC	3,012.	1,939.
CLOROX COMPANY	27,446.	43,009.
CLOUDERA INC	9,508.	9,654.
CLOVIS ONCOLOGY	4,924.	3,197.
CLP HOLDINGS LTD SPONSORED	3,781.	3,327.
CMC MATERIALS INC	22,526.	30,109.
CME GROUP INC	67,828.	110,504.
CMS ENERGY CORP	18,490.	28,065.
CNOOC LTD SPONSORED	3,567.	2,200.
COCA COLA AMATIL LTDSPONSORED	3,001.	4,841.
COCA-COLA HBC AG UNSPONSORED	1,667.	1,884.
CODEXIS INC	6,461.	10,195.
CO-DIAGNOSTICS INC	3,256.	1,674.
COGENT COMMUNICATIONS HOLDINGS INC	17,152.	16,165.
COGNEX CORP	219,132.	326,118.
COGNIZANT TECHNOLOGY SOLUTIONS CORP	61,887.	74,247.
COHEN & STEERS	8,355.	12,111.
COHERUS BIOSCIENCES INC	7,042.	7,004.
COLGATE PALMOLIVE CO	97,003.	120,227.

COLLECTORS UNIVERSE INC	959.	3,091.
COLLEGIUM PHARMACEUTICAL INC	3,005.	5,548.
COLOPLAST A/S SPONSORED	4,533.	6,909.
COLUMBIA FINANCIAL INC	3,022.	3,579.
COMCAST CORP-CL A	240,131.	397,192.
COMERICA INC	7,548.	9,496.
COMFORT SYSTEMS USA INC	3,540.	3,528.
COMMERCIAL INTL BANK SPONSORED	3,542.	3,495.
COMMERZBANK AG SPONSORED	2,469.	1,322.
COMMONWEALTH BK SPONSORED	17,354.	18,331.
COMMUNITY HEALTHCARE TRUST INC	5,921.	7,067.
COMMVAULT SYSTEM	12,462.	14,230.
COMPAGNIE DE ST GOBAIN UNSPONSORED	3,245.	2,495.
COMPANHIA SIDERURGICA SPONSORED	1,513.	2,065.
COMPASS GROUP PLC SPONSORED	6,080.	5,132.
COMPASS MINERALS INTERNATIONAL INC	12,607.	14,196.
CONAGRA BRANDS INC	26,720.	30,350.
CONCHO RESOURCES	41,126.	20,247.
CONMED CORP	14,458.	20,048.
CONOCOPHILLIPS	93,494.	71,942.
CONSOLIDATED EDISON INC	42,435.	43,507.
CONSTELLATION BRANDS INC	40,403.	61,334.
CONSTELLATION PHARMACEUTICALS	6,337.	5,530.
CONSTRUCTION PARTNERS INC CL A	1,777.	3,027.
CONTINENTAL AG SPONSORED	3,861.	2,513.
COOPER COS INC	15,436.	28,702.
COPART INC	19,347.	43,520.
CORBUS PHARMACEUTICALS HOLDINGS	2,992.	590.
CORCEPT THERAPEUTICS INC	8,325.	17,998.
CORE-MARK HOLDINGS	7,934.	6,138.
CORESITE REALTY CORP	197,241.	225,003.
CORMEDIX INC	3,004.	2,794.
CORNERSTONE ONDEMAND INC	23,648.	18,453.
CORNING INC	24,354.	46,620.
CORTEVA INC	40,789.	46,116.
CORTEXYME INC	4,252.	2,722.
CORVEL CORP	6,078.	7,102.
COSTAR GROUP INC	136,319.	210,736.
COSTCO WHOLESALE CORP	121,149.	275,426.
COVANTA HOLDING CORP	5,109.	3,939.
COWEN INC CL A	1,273.	2,105.
CRACKER BARREL	12,254.	9,366.
CRAWFORD & CO CL A	3,046.	2,158.
CREDICORP LIMITED	7,953.	6,397.
CREDIT AGRICOLE S.A. UNSPONSORED	1,795.	1,248.
CREDIT SUISSE GROUP-SPONSORED	7,191.	5,875.
CRH PLC SPONSORED	6,435.	7,622.
CRINETICS PHARMACEUTICALS INC	2,897.	2,483.
CROCS INC	9,120.	29,826.
CROWN CASTLE INTERNATIONAL CORP	62,733.	112,866.
CRYOLIFE INC	6,615.	5,194.
CRYOPORT INC	5,811.	10,707.
CSG SYS INTL INC	12,512.	12,169.
CSL LTD SPONSORED	11,595.	18,505.
CSW INDUSTRIALS INC	9,336.	10,631.
CSX CORP	39,117.	117,975.
CUBIC CORP	3,011.	2,792.
CUE BIOPHARMA INC	4,534.	2,414.

CUMMINS INC	27,192.	56,094.
CURO GROUP HOLDINGS CORP	3,088.	3,468.
CUSHMAN & WAKEFIELD PLC	7,047.	5,546.
CUTERA INC	4,705.	2,893.
CVS HEALTH CORP	208,945.	150,328.
CYBEROPTICS CORP	2,706.	1,906.
CYTOKINETICS INC	6,515.	8,894.
CYTOMX THERAPEUTICS INC	3,297.	1,782.
CYTOSORBENTS CORP	3,027.	3,323.
D R HORTON INC	16,799.	38,802.
DAIICHI SANKYO CO SPONSORED	2,916.	9,768.
DAIKIN INDUSTRIES UNSPONSORED	4,605.	9,155.
DAIMLER AG UNSPONSORED	7,247.	6,377.
DAITO TRUST CONSTRUCTION SPONSORED	10,551.	6,715.
DAIWA HOUSE UNSPONSORED	9,713.	9,286.
DAIWA SECURITIES GROUP INC SPONSORED	4,013.	3,132.
DANAHER CORP	83,955.	236,579.
DANONE SPONSORED	6,020.	4,978.
DANSKE BANK A/S SPONSORED	4,211.	1,765.
DARDEN RESTAURANTS INC	12,424.	24,658.
DASEKE INC	3,764.	3,422.
DASSAULT SYS S A SPONSORED	4,680.	6,314.
DAVE & BUSTER'S ENTERTAINMENT	4,539.	3,332.
DAVITA INC	8,984.	13,618.
DBS GROUP HLDGS LTD SPONSORED	10,581.	11,864.
DECIPHERA PHARMACEUTICALS INC	9,647.	14,895.
DECKERS OUTDOOR CORP	15,377.	55,062.
DEERE & CO	47,929.	142,597.
DELTA AIR LINES INC	50,525.	40,451.
DENALI THERAPEUTICS INC	9,350.	36,687.
DENNY'S CORPORATION	5,783.	3,905.
DENSO CORPORATION UNSPONSORED	2,603.	3,167.
DENTSPLY SIRONA INC	22,979.	19,844.
DEUTSCHE BANK AG	1,381.	1,591.
DEUTSCHE BOERSE AG UNSPONSORED	6,993.	9,971.
DEUTSCHE POST AG SPONSORED	7,836.	9,569.
DEUTSCHE TELEKOM AG SPONSORED	5,459.	5,317.
DEUTSCHE WOHNEN SE UNSPONSORED	2,787.	2,927.
DEVON ENERGY CORPORATION	10,215.	7,510.
DEXCOM	68,775.	61,004.
DIAGEO PLC SPONSORED	9,616.	11,593.
DIAMONDBACK ENERGY INC	28,812.	12,632.
DICERNA PHARMACEUTICALS INC	8,205.	9,958.
DIEBOLD NIXDORF INC	3,001.	2,804.
DIGIMARC CORP	3,896.	4,488.
DIGITAL REALTY TRUST INC	51,052.	63,198.
DIGITAL TURBINE INC	2,993.	32,183.
DIODES INC	2,294.	4,371.
DISCOVER FINL SVCS	26,976.	43,002.
DISCOVERY INC SER A	5,695.	7,643.
DISCOVERY INC SER C	10,892.	11,864.
DISH NETWORK CORP CL A	19,735.	11,998.
DISNEY WALT CO NEW	272,229.	545,352.
DMC GLOBAL INC	1,031.	1,946.
DNB ASA SPONSORED	2,132.	2,137.
DOLLAR GENERAL CORP	29,017.	83,910.
DOLLAR GENERAL CORP	152,545.	340,896.
DOLLAR TREE INC	28,157.	42,568.

DOMINION ENERGY INC	100,118.	100,317.
DOMINOS PIZZA INC	26,425.	26,842.
DOMO INC CL B	5,286.	11,479.
DOORDASH INC CL A	10,200.	14,275.
DOORDASH INC CL A LOCKUP SHS	8,263.	18,360.
DORMAN PRODUCTS	15,279.	17,104.
DORMAN PRODUCTS	232,066.	284,075.
DOUGLAS DYNAMICS	5,425.	5,817.
DOVER CORP	13,018.	32,446.
DOW INC	64,620.	67,877.
DR REDDYS LABS LTD SPONSORED	5,715.	12,690.
DRAFTKINGS INC	118,340.	146,990.
DRIL-QUIP INC	95,389.	65,105.
DSP GROUP INC	2,968.	3,185.
DSV PANALPINA A/S UNSPONSORED	3,887.	7,562.
DTE ENERGY CO	29,129.	38,123.
DUKE ENERGY CORP	39,569.	113,077.
DUKE REALTY CORPORATION	16,626.	22,823.
DUPONT DE NEMOURS INC	93,431.	87,821.
DURECT CORP	3,386.	2,850.
DXC TECHNOLOGY CO	27,467.	12,103.
DYADIC INTERNATIONAL INC	2,971.	1,619.
DYCOM INDUSTRIES INC	7,950.	11,101.
DYNAVAX TECHNOLOGIES CORP	2,957.	3,253.
DYNE THERAPEUTICS INC	3,133.	3,108.
E ON SE SPONSORED	3,291.	3,307.
EAGLE MATERIALS INC	258,652.	283,375.
EAGLE PHARMACEUTICALS INC	5,893.	5,449.
EAST JAPAN RAILWAY CO UNSPONSORED	10,471.	7,706.
EASTERLY GOVERNMENT PROPERTIES	11,235.	11,891.
EASTERLY GOVERNMENT PROPERTIES	274,501.	313,363.
EASTGROUP PPTYS INC	29,964.	35,067.
EASTMAN CHEMICAL CO	17,612.	23,967.
EATON CORP PLC	29,109.	81,215.
EBAY INC	31,611.	55,928.
EBIX INCORPORATED	3,448.	3,911.
ECOLAB INC	51,852.	91,088.
EDF UNSPONSORED	1,977.	2,429.
EDISON INTERNATIONAL	40,912.	40,833.
EDITAS MEDICINE INC	10,999.	29,937.
EDP-ENERGIAS DE PORTUGAL SPONSORED	2,879.	4,857.
EDWARDS LIFESCIENCES CORP	30,177.	95,883.
EHEALTH INC	15,710.	12,569.
EIDOS THERAPEUTICS INC	2,858.	9,605.
EIGER BIOPHARMACEUTICALS INC	3,072.	3,306.
EISAI LTD SPONSORED	1,791.	2,003.
ELBIT SYSTEMS LTD	4,273.	4,055.
ELECTRONIC ARTS INC	36,221.	68,784.
ELEMENT SOLUTIONS INC	268,079.	263,947.
ELF BEAUTY INC	6,787.	7,884.
EMCOR GROUP INC	2,028.	2,378.
EMERGENT BIOSOLUTIONS INC	12,142.	28,045.
EMERSON ELEC CO	49,659.	80,370.
ENAGAS UNSPONSORED	1,759.	1,375.
ENANTA PHARMACEUTICALS INC	2,743.	1,221.
ENBRIDGE INC	12,458.	10,333.
ENDO INTERNATIONAL PLC	1,467.	3,044.
ENDURANCE INTERNATIONAL GROUP	2,807.	5,831.

ENEL AMERICAS SA SPONSORED	1,779.	1,545.
ENEL SPA UNSPONSORED	9,143.	15,205.
ENERGY RECOVERY INC	2,982.	3,492.
ENERPAC TOOL GROUP CORP	2,926.	2,939.
ENERSYS COM	1,844.	2,326.
ENGIE SPONSORED	3,308.	2,907.
ENI SPA SPONSORED	1,703.	1,071.
ENN ENERGY HOLDINGS LTD UNSPONSORED	3,725.	5,476.
ENSIGN GROUP INC	17,071.	26,397.
ENTEGRIS INC	174,320.	412,846.
ENTERGY CORP	25,438.	32,348.
ENVESTNET INC	26,381.	30,447.
ENVESTNET INC	154,530.	191,407.
EOG RESOURCES INC	85,154.	48,573.
EPAM SYSTEMS INC	140,042.	382,718.
EPIZYME INC	6,111.	4,811.
EPLUS INC	6,565.	9,059.
EQUIFAX INC	24,142.	38,954.
EQUINIX INC	55,033.	107,127.
EQUINOR ASA SPONSORED	3,229.	2,003.
EQUITY RESIDENTIAL PPTYS TR	42,028.	31,833.
ERICSSON SPONSORED	2,928.	6,238.
ERSTE GROUP BANK AG SPONSORED	2,203.	1,531.
ESCO TECHNOLOGIES INC	16,028.	20,128.
ESPERION THERAPEUTICS INC	7,591.	4,680.
ESSEX PROPERTY TRUST INC	24,072.	23,267.
ESSILORLUXOTTICA SA UNSPONSORED	6,024.	7,232.
ETSY INC	23,805.	37,895.
EVENTBRITE INC CL A	4,834.	8,652.
EVEREST RE GROUP LTD	17,381.	15,918.
EVERGY INC	23,393.	23,481.
EVERI HOLDINGS INC	2,957.	3,024.
EVERQUOTE INC CL A	4,277.	3,884.
EVERSOURCE ENERGY	30,777.	49,570.
EVERTEC INC	14,116.	16,396.
EVO PAYMENTS INC CL A	8,506.	8,562.
EVOLUTION GAMING GROUP UNSPONSORED	2,032.	2,728.
EVOQUA WATER TECHNOLOGIES CORP	9,271.	16,916.
EXELON CORP	47,730.	66,708.
EXICURE INC	2,905.	1,912.
EXLSERVICE HOLDINGS	13,839.	18,729.
EXP WORLD HOLDINGS INC	2,026.	10,730.
EXPEDIA GROUP INC	26,624.	27,804.
EXPEDITORS INTL WASH INC	14,798.	28,438.
EXPERIAN GROUP LTD SPONSORED	3,931.	7,326.
EXPONENT INC	23,424.	33,311.
EXPONENT INC	197,201.	488,233.
EXTRA SPACE STORAGE INC	17,896.	24,099.
EXTREME NETWORKS INC	7,488.	4,465.
EXXON MOBIL CORP	180,232.	288,952.
F5 NETWORKS INC	12,742.	18,474.
FABRINET	13,632.	19,630.
FACEBOOK INC-A	465,746.	1,095,918.
FACEBOOK INC-A	820,071.	1,575,041.
FANUC CORP UNSPONSORED	4,041.	4,963.
FARFETCH LTD CL A	90,134.	116,070.
FARO TECHNOLOGIES INC	5,212.	7,275.
FAST RETAILING CO UNSPONSORED	2,373.	6,290.

FASTENAL CO	20,212.	47,756.
FATE THERAPEUTICS INC	13,349.	44,556.
FEDERAL AGRIC MTG CORP-CL C	470.	1,188.
FEDERAL REALTY INVESTMENT TRUST	17,950.	10,129.
FEDERAL SIGNAL CORP	12,195.	14,727.
FEDERAL SIGNAL CORP	241,915.	263,901.
FEDERATED HERMES GOVT OBLIG-INSTL	85,948.	85,948.
FEDERATED HERMES GOVT OBLIG-INSTL	138,216.	138,216.
FEDERATED HERMES GOVT OBLIG-INSTL	981,018.	981,018.
FEDERATED HERMES GOVT OBLIG-INSTL	12,183.	12,183.
FEDERATED HERMES GOVT OBLIG-INSTL	1,699,788.	1,699,788.
FEDERATED HERMES GOVT OBLIG-INSTL	30,295.	30,295.
FEDERATED HERMES INC	6,482.	5,662.
FEDEX CORPORATION	65,553.	104,108.
FENNEC PHARMACEUTICALS INC	2,964.	2,421.
FERGUSON PLC SPONSORED	3,260.	5,437.
FERRARI NV	4,439.	9,181.
FERRO CORP	7,013.	7,374.
FERROVIAL SA UNSPONSORED	5,628.	6,479.
FIAT CHRYSLER AUTOMOBILES NV	2,939.	3,093.
FIBROGEN INC	22,418.	17,952.
FIDELITY NATL INFORMATION SVCS INC	110,064.	147,260.
FIDELITY NATL INFORMATION SVCS INC	143,498.	166,781.
FIFTH THIRD BANCORP	25,852.	34,628.
FIRST FINL BANKSHARES INC	29,121.	35,198.
FIRST FOUNDATION INC	3,111.	4,040.
FIRST REPUBLIC BANK	28,707.	44,079.
FIRSTCASH INC	28,364.	19,821.
FIRSTENERGY CORP	28,660.	25,345.
FISERV INC	64,070.	107,598.
FITBIT INC	7,116.	7,609.
FIVE BELOW	94,382.	329,662.
FLEETCOR TECHNOLOGIES INC	29,932.	37,105.
FLEXION THERAPEUTICS INC	3,028.	3,174.
FLIR SYSTEMS INC	5,907.	9,949.
FLOWSERVE CORP	9,657.	7,960.
FLUTTER ENTMT PLC UNSPONSORED	2,751.	6,467.
FMC CORP	7,273.	25,514.
FOCUS FINANCIAL PARTNERS INC CL A	7,138.	10,962.
FOMENTO ECONOMICO MEXICANO SPONSORED	1,467.	1,137.
FORD MOTOR CO DEL	91,210.	56,863.
FORMA THERAPEUTICS HOLDINGS INC	3,638.	2,548.
FORMFACTOR INC	14,759.	23,317.
FORRESTER RESEARCH INC	3,135.	2,682.
FORTERRA INC	1,766.	3,405.
FORTESCUE METALS GROUP SPONSORED	1,354.	6,848.
FORTINET INC	16,761.	31,785.
FORTIVE CORP	24,855.	41,501.
FORTRESS BIOTECH INC	3,558.	3,408.
FORTUNE BRANDS HOME & SECURITY, INC	14,440.	21,773.
FORWARD AIR CORP	6,998.	8,990.
FOUR CORNERS PROPERTY TRUST INC	13,696.	15,510.
FOX CORP CL A	24,299.	17,356.
FOX CORP CL B	11,343.	8,144.
FOX FACTORY HOLDING CORP	22,998.	29,810.
FRANCO NEVADA CORP	2,631.	3,509.
FRANKLIN COVEY	2,997.	1,893.
FRANKLIN ELECTRIC CO INC	15,658.	23,462.

FRANKLIN RESOURCES INC	21,749.	13,595.
FREEMPORT-MCMORAN INC	27,414.	65,596.
FREQUENCY THERAPEUTICS INC	2,877.	4,936.
FRESENIUS MED CARE AG & CO SPONSORED	4,576.	3,990.
FRESENIUS SE & CO KGAA SPONSORED	3,359.	1,899.
FRESHPET INC	8,793.	38,337.
FUCHS PETROLUB SE ADR	4,176.	4,098.
FUELCELL ENERGY INC	2,668.	14,197.
FUJIFILM HOLDINGS CORP UNSPONSORED	5,970.	6,936.
FULGENT GENETICS INC	1,312.	4,220.
G1 THERAPEUTICS INC	2,885.	2,195.
GALP ENERGIA SGPS SA UNSPONSORED	3,024.	1,827.
GAN LTD	3,119.	3,650.
GAP INC	9,866.	7,329.
GARMIN LTD	11,544.	29,077.
GARTNER INC CL A	16,307.	24,029.
GARTNER INC CL A	277,286.	337,681.
GAZPROM PJSC	3,644.	4,917.
GCP APPLIED TECHNOLOGIES INC	6,755.	7,024.
GDS HOLDINGS LTD SPONSORED	2,017.	4,588.
GEA GROUP AG SPONSORED	2,811.	2,359.
GEEELY AUTOMOBILE HLDGS UNSPONSORED	4,197.	4,957.
GENASYS INC	3,032.	3,795.
GENERAL DYNAMICS CORP	59,268.	57,296.
GENERAL ELECTRIC CORP	413,136.	159,559.
GENERAL MLS INC	60,285.	62,681.
GENERAL MOTORS CO	74,568.	88,110.
GENERATION BIO CO	6,102.	3,572.
GENMAB A/S SPONSORED	3,144.	6,953.
GENMARK DIAGNOSTICS INC	3,021.	7,023.
GENTHERM INC	11,059.	14,805.
GENTING BERHARD SPONSORED	1,172.	1,439.
GENUINE PARTS CO	21,897.	24,404.
GERDAU SA SPONSORED	1,463.	1,812.
GIBRALTAR INDUSTRIES INC	3,015.	4,820.
GIBRALTAR INDUSTRIES INC	287,808.	460,272.
GILDAN ACTIVEWEAR INC-CL A	2,658.	2,437.
GILEAD SCIENCES INC	226,038.	124,269.
GIVAUDAN SA UNSPONSORED	6,155.	11,456.
GLACIER BANCORP INC	2,975.	3,543.
GLACIER BANCORP INC	152,672.	202,444.
GLADSTONE COMMERCIAL CORP	2,929.	2,520.
GLAUKOS CORP	17,744.	23,331.
GLAXOSMITHKLINE PLC SPONSORED	12,542.	11,518.
GLENORE PLC UNSPONSORED	3,995.	2,878.
GLOBAL PAYMENTS INC	42,552.	109,864.
GLOBAL PAYMENTS INC	684,904.	1,019,152.
GLOBANT SA	945.	1,958.
GLOBE LIFE INC	10,461.	16,998.
GLOBUS MEDICAL INC	183,413.	259,967.
GLU MOBILE INC	8,197.	9,226.
GOGO INC	1,756.	3,862.
GOLD FIELDS LTD SPONSORED	1,776.	1,391.
GOLDMAN SACHS GROUP INC	110,452.	149,260.
GOLDMAN SACHS GROUP INC	122,550.	176,686.
GOOSEHEAD INSURANCE INC CL A	760.	2,121.
GOPRO INC	3,618.	5,630.
GORMAN RUPP CO	2,961.	3,083.

GOSSAMER BIO INC	2,860.	1,692.
GRACO INC	180,359.	319,715.
GRAINGER W W INC	15,340.	30,217.
GRAND CANYON EDUCATION INC	204,494.	162,663.
GRANITE CONSTRUCTION INC	2,912.	1,843.
GRAY TELEVISION INC	3,940.	3,989.
GREEN DOT CORP CL A	1,792.	1,618.
GREENHILL & CO	2,862.	2,647.
GREENSKY INC CL A	2,902.	2,704.
GRIFOLS S.A. SPONSORED	2,241.	2,010.
GROWGENERATION CORP	1,772.	10,900.
GRUPO AEROPORTUARIO PAC SPONSORED	2,130.	2,226.
GRUPO AEROPORTUARIO SPONSORED	3,831.	3,134.
GRUPO TELEVISA SA DE CV SPONSORED	1,405.	1,220.
GSX TECHEDU INC	1,286.	2,120.
GTT COMMUNICATIONS INC	2,958.	732.
H LUNDBECK SPONSORED	1,862.	1,468.
H.B. FULLER CO	8,586.	9,338.
HACKETT GROUP	2,968.	2,576.
HALLIBURTON CO	61,937.	28,823.
HALOZYME THERAPEUTICS INC	15,522.	39,379.
HAMILTON LANE INC CL A	12,021.	17,717.
HANESBRANDS INC	16,505.	8,777.
HANG LUNG PPTYS LTD SPONSORED	7,014.	8,152.
HANNOVER RUECKVERSICHER SPONSORED	5,004.	5,327.
HARTFORD FINL SVCS GROUP INC	27,951.	29,486.
HASBRO INC	19,852.	22,637.
HC2 HOLDINGS INC	2,789.	2,859.
HCA HEALTHCARE INC	29,993.	71,869.
HCA HEALTHCARE INC	197,608.	303,100.
HEALTH CATALYST INC	6,092.	9,794.
HEALTHCARE SVCS GROUP INC	16,964.	16,158.
HEALTHEQUITY INC	36,628.	35,134.
HEALTHPEAK PROPERTIES INC	26,303.	25,121.
HEIDELBERGCEMENT AG UNSPONSORED	3,481.	3,091.
HEINEKEN HOLDING NV SPONSORED	4,617.	5,136.
HEINEKEN NV SPONS ADR	5,286.	5,863.
HELEN OF TROY LIMITED	26,682.	38,661.
HELIOS TECHNOLOGIES INC	4,962.	5,755.
HENGAN INTL GROUP CO LTD UNSPONSORED	3,083.	2,712.
HENKEL AG & CO KGAA SPONSORED	3,118.	2,542.
HENNES & MAURITZ AB UNSPONSORED	2,070.	2,200.
HENRY SCHEIN INC	15,446.	17,517.
HERMES INTERNATIONAL UNSPONSORED	5,196.	8,974.
HERON THERAPEUTICS INC	13,326.	14,794.
HESKA CORP	1,454.	2,622.
HESS CORPORATION	22,875.	23,544.
HEWLETT PACKARD ENTERPRISE COMPANY	19,779.	27,658.
HEXAGON AB UNSPONSORED	5,563.	9,246.
HEXCEL CORP	286,365.	236,243.
HILTON GRAND VACATIONS INC	11,065.	18,591.
HILTON WORLDWIDE HOLDINGS INC	31,862.	48,732.
HITACHI LTD SPONSORED	7,147.	8,099.
HMS HLDGS CORP	20,533.	22,822.
HOLLYFRONTIER CORP	17,716.	6,333.
HOLOGIC INC	16,547.	33,720.
HOME DEPOT INC	225,861.	475,194.
HOMOLOGY MEDICINES INC	6,028.	3,839.

HONDA MOTOR LTD SPONSORED	5,281.	5,113.
HONEYWELL INTERNATIONAL INC	118,301.	246,945.
HONG KONG EXCHANGES UNSPONSORED	6,101.	11,112.
HORIZON THERAPEUTICS PLC	223,590.	231,447.
HORMEL FOODS CORPORATION	15,797.	20,462.
HOST HOTELS & RESORTS, INC	20,249.	17,878.
HOSTESS BRANDS INC CL A	3,021.	3,601.
HOULIHAN LOKEY INC CL A	16,145.	22,522.
HOWMET AEROSPACE INC	11,702.	18,465.
HOYA CORPORATION SPONSORED	4,617.	11,381.
HP INC	29,318.	54,270.
HSBC HOLDINGS PLC SPONSORED	23,910.	13,059.
HUANENG PWR INTL INC SPONSORED	2,027.	1,153.
HUAZHU GROUP LTD SPONSORED	1,991.	3,242.
HUBSPOT INC	247,614.	600,607.
HUDSON PAC PPTYS INC	247,607.	214,643.
HUMANA INC	41,609.	92,311.
HUMANA INC	192,977.	236,316.
HUNTINGTON BANCSHARES INC	17,496.	22,747.
HUNTINGTON INGALLS INDUSTRIES	17,330.	12,956.
HURON CONSULTING GROUP	1,438.	2,004.
HUTCHINSON CHINA MEDITECH SPONSORED	1,976.	2,017.
HYPERA SA SPONSORED	3,568.	2,370.
I3 VERTICALS INC CL A	3,042.	3,586.
IAC/INTERACTIVECORP	62,726.	158,486.
IBERDROLA SA	7,736.	13,915.
ICAD INC	1,339.	1,769.
ICF INTERNATIONAL INC	2,086.	5,054.
ICHOR HOLDINGS LTD	4,201.	4,582.
ICICI BANK LTD SPONSORED	9,129.	15,232.
ICL GROUP LTD	4,078.	4,282.
IDACORP INC	280,390.	299,518.
IDEX CORP	21,401.	26,294.
IDEXX LABS INC	18,667.	71,981.
IGM BIOSCIENCES INC	3,751.	4,415.
IHS MARKIT LTD	30,537.	53,718.
II-VI INC	25,456.	46,488.
ILLINOIS TOOL WKS INC	46,228.	99,086.
ILLUMINA INC	45,226.	91,390.
IMMUNOGEN INC	1,205.	3,251.
IMMUNOVANT INC	8,278.	11,409.
IMPERIAL BRANDS PLC SPONSORED	8,334.	3,994.
IMPERIAL OIL LTD	2,164.	1,560.
IMPINJ INC	3,049.	3,726.
INARI MEDICAL INC	3,551.	4,277.
INCYTE CORPORATION	36,435.	25,485.
INCYTE CORPORATION	140,891.	151,171.
INDITEX UNSPONSORED	5,195.	5,181.
INDUST & COMM BANK CHINA UNSPONSORED	5,817.	5,534.
INFINEON TECHNOLOGIES AG SPONSORED	2,540.	3,971.
INFINERA CORP	3,236.	5,680.
INFOSYS LTD SPONSORED	9,509.	18,492.
INFUSYSTEM HOLDINGS INC	1,557.	2,498.
ING GROEP NV SPONSORED	4,659.	2,417.
INGERSOLL-RAND INC	18,501.	30,070.
INGERSOLL-RAND INC	263,420.	443,618.
INGERSOLL-RAND INC	141,435.	248,530.
INGEVITY CORP	28,617.	21,507.

INNOSPEC INC	11,699.	11,523.
INNOVATIVE INDUSTRIAL PROP CL A	3,865.	10,622.
INNOVIVA INC	5,949.	5,464.
INOGEN INC	4,676.	2,860.
INOVALON HOLDINGS INC	8,620.	9,848.
INOVIO PHARMACEUTICALS INC	3,719.	9,558.
INSEGO CORP	5,163.	7,348.
INSIGHT ENTERPRISES INC	1,138.	2,739.
INSMED INC	15,102.	23,503.
INSPERITY INC	5,735.	10,259.
INSPIRE MEDICAL SYSTEMS INC	14,088.	34,232.
INSTALLED BUILDING PRODUCTS	12,899.	20,386.
INTEGER HOLDINGS CORPORATION	8,169.	11,691.
INTEGER HOLDINGS CORPORATION	196,485.	205,817.
INTEL CORP	239,326.	340,769.
INTELLIA THERAPEUTICS INC	8,995.	20,509.
INTELLIGENT SYSTEMS CORP	2,945.	3,008.
INTER PARFUMS INC	7,746.	8,469.
INTERCEPT PHARMACEUTICALS INC	13,409.	4,644.
INTERCONTINENTAL EXCHANGE INC	47,631.	106,643.
INTERCONTINENTAL HOTELS SPONSORED	1,824.	1,954.
INTERDIGITAL INC	4,499.	4,126.
INTERNATIONAL FLAVORS & FRAGRANCES	23,256.	20,462.
INTERNATIONAL MONEY EXPRESS INC	2,958.	3,213.
INTERNATIONAL PAPER CO	29,998.	33,909.
INTERPUBLIC GROUP COS INC	14,768.	15,288.
INTERSECT ENT INC	7,128.	5,336.
INTESA SANPAOLO SPONSORED	7,099.	4,740.
INTL BUSINESS MACHINES CORP	88,037.	188,316.
INTRA-CELLULAR THERAPIES INC	2,101.	5,724.
INTUIT INC	51,464.	167,894.
INTUIT INC	337,535.	690,187.
INTUITIVE SURGICAL INC	42,152.	161,984.
INTUITIVE SURGICAL INC	176,110.	515,403.
INVESCO LTD	23,090.	11,713.
INVESTORS BANCORP INC	3,495.	4,678.
INVITAE CORP	20,076.	33,573.
IPG PHOTONICS	11,590.	10,742.
IQVIA HOLDINGS INC	37,258.	59,305.
IRHYTHM TECHNOLOGIES INC	15,528.	48,628.
IRIDIUM COMMUNICATIONS INC	12,236.	20,528.
IROBOT CORP	17,254.	15,014.
IRON MOUNTAIN INC	16,672.	14,357.
IRONWOOD PHARMACEUTICALS INC	12,924.	14,055.
ISRAEL DISCOUNT BANK LTD UNSPONSORED	3,009.	2,541.
ITAU UNIBANCO HOLDING SPONSORED	4,743.	3,130.
ITEOS THERAPEUTICS INC	1,652.	2,063.
ITERIS INC	2,985.	3,011.
ITochu CORPORATION UNSPONSORED	5,513.	9,643.
ITRON INC	16,456.	26,181.
J & J SNACK FOODS CORP	8,810.	8,390.
J SAINSBURY PLC SPONSORED	4,410.	4,208.
J2 GLOBAL INC	26,390.	29,991.
JACK HENRY & ASSOC INC	19,785.	22,679.
JACK IN THE BOX INC	3,033.	3,619.
JACOBS ENGINEERING GROUP INC	10,990.	22,337.
JAMES HARDIE INDS-SPONSORED	4,100.	7,801.
JAMES RIVER GROUP HOLDINGS LTD	9,737.	10,666.

JAPAN EXCHANGE GROUP INC UNSPONSORED	3,706.	5,504.
JARDINE MATHESON UNSPONSORED	3,428.	3,205.
JARDINE STRATEGIC HLDGS UNSPONSORED	1,084.	1,350.
JAZZ PHARMACEUTICALS PLC	272,616.	302,702.
JB HUNT TRANSPORT SERVICES INC	10,703.	19,268.
JBS SA SPONSORED	1,596.	1,823.
JD COM INC SPONSORED	5,192.	11,339.
JM SMUCKER CO	23,625.	21,733.
JOHN B SANFILIPPO & SON	4,110.	3,864.
JOHN BEAN TECHNOLOGIES CORP	25,517.	25,051.
JOHNSON & JOHNSON	458,910.	691,528.
JOHNSON CONTROLS INTERNATIONAL PLC	58,887.	57,026.
JOHNSON OUTDOORS INC CL A	459.	1,915.
JOYY INC	1,822.	1,920.
JP MORGAN CHASE & CO	105,317.	644,245.
JULIUS BAER GROUP LTD UNSPONSORED	5,569.	5,792.
JUNIPER NETWORKS INC	17,178.	14,136.
KADANT INC	3,002.	10,292.
KADMON HOLDINGS INC	3,152.	4,901.
KALA PHARMACEUTICALS INC	2,879.	1,871.
KAMAN CORP	3,019.	3,085.
KANSAS CITY SOUTHERN	12,459.	30,415.
KAO CORP UNSPONSORED	6,474.	7,612.
KARUNA THERAPEUTICS INC	10,685.	10,972.
KARYOPHARM THERAPEUTICS INC	5,976.	8,375.
KASIKORNBANK PUBLIC COMPANY LTD	10,468.	7,330.
KB FINANCIAL GROUP INC SPONSORED	14,425.	13,345.
KB HOME COM	1,165.	1,441.
KBC GROUP NV UNSPONSORED	3,798.	3,245.
KBR INC	2,968.	4,145.
KDDI CORP UNSPONSORED	5,321.	5,951.
KEARNY FINANCIAL CORP OF MARYLAND	3,020.	2,365.
KELLOGG CO	27,671.	25,079.
KEMPER CORPORATION	244,853.	244,089.
KERING SA UNSPONSORED	4,734.	8,622.
KEYCORP	23,233.	29,472.
KEYSIGHT TECHNOLOGIES INC	18,789.	42,533.
KFORCE INC	3,661.	5,724.
KIMBERLY CLARK CORP	13,793.	78,067.
KIMCO REALTY CORP	18,583.	10,552.
KINDER MORGAN INC	76,944.	42,637.
KINDRED BIOSCIENCES INC	3,002.	1,875.
KINGFISHER PLC SPONSORED	2,453.	2,301.
KINIKSA PHARMACEUTICALS LTD CL A	3,886.	3,092.
KINROSS GOLD CORP	3,788.	4,477.
KINSALE CAPITAL GROUP INC	9,064.	29,019.
KINSALE CAPITAL GROUP INC	138,884.	246,560.
KIRIN HOLDINGS COMPANY SPONSORED	13,413.	13,852.
KIRKLAND LAKE GOLD LTD	2,129.	2,022.
KLA CORP	20,902.	67,834.
KNORR-BREMSE UNSPONSORED	2,242.	2,364.
KODIAK SCIENCES INC	8,962.	32,761.
KOMATSU LTD SPONSORED	2,021.	1,965.
KONE OYJ UNSPONSORED	4,970.	7,234.
KONINKLIJKE AHOLD DELHAIZE SPONSORED	5,239.	7,734.
KONINKLIJKE DSM NV SPONSORED	3,284.	6,441.
KONINKLIJKE PHILIPS NV SPONSORED	5,994.	7,909.
KONINKLIJKE VOPAK NV UNSPONSORED	3,877.	4,066.

KOPPERS HOLDINGS INC	2,912.	3,428.
KOREA ELECTRIC POWER CORP SPONSORED	11,286.	11,276.
KRAFT HEINZ CO	81,668.	37,294.
KRATOS DEFENSE & SECURITY SOLUTIONS	16,725.	21,889.
KROGER CO	49,941.	42,050.
KRYSTAL BIOTECH INC	4,122.	5,100.
KUBOTA SPONSORED	2,555.	3,090.
KUEHNE & NAGEL INTL UNSPONSORED	1,584.	1,592.
KURA ONCOLOGY INC	9,777.	14,599.
KYOCERA CORP SPONSORED	5,135.	4,809.
L BRANDS, INC	39,452.	15,322.
L3 HARRIS TECHNOLOGIES INC	33,505.	64,267.
LA JOLLA PHARMACEUTICAL CO	2,961.	1,389.
LABORATORY CORP AMERICA HOLDINGS	21,495.	34,196.
LAFARGEHOLCIM LTD UNSPONSORED	5,234.	4,954.
L'AIR LIQUIDE UNSPONSORED	8,316.	12,169.
LAM RESEARCH CORP	21,117.	115,706.
LAMB WESTON HOLDINGS INC	19,254.	19,764.
LANCASTER COLONY CORP	19,574.	24,252.
LANCASTER COLONY CORP	267,351.	304,073.
LANTHEUS HOLDINGS INC	7,638.	5,760.
LAS VEGAS SANDS CORP	33,341.	35,164.
LATTICE SEMICONDUCTOR CORP	17,305.	42,521.
LAUDER ESTEE COS INC	33,926.	98,756.
LCI INDUSTRIES	16,414.	22,564.
LEGAL & GEN GROUP PLC SPONSORED	2,955.	3,113.
LEGGETT & PLATT INC	9,857.	9,702.
LEIDOS HOLDINGS INC	20,138.	25,229.
LEMAITRE VASCULAR INC	1,546.	4,698.
LEND LEASE LTD SPONSORED	7,472.	5,297.
LENNAR CORP-CL A	22,148.	32,703.
LENOVO GROUP LTD SPONSORED	1,383.	2,336.
LG DISPLAY CO LTD SPONSORED	10,181.	12,989.
LGI HOMES INC	6,994.	16,513.
LHC GROUP INC	16,030.	45,224.
LIBERTY BRAVES GROUP CL A	2,993.	2,661.
LIBERTY BRAVES GROUP CL C	3,846.	3,433.
LIFEVANTAGE CORP	2,786.	2,125.
LIGAND PHARMACEUTICALS INC	11,386.	10,044.
LILLY ELI & CO	111,314.	226,752.
LIMELIGHT NETWORKS INC	5,963.	3,224.
LINCOLN NATL CORP	13,890.	13,131.
LINDBLAD EXPEDITIONS HOLDINGS INC	3,068.	2,791.
LINDE PLC	141,889.	228,727.
LINDSAY CORPORATION	6,358.	9,635.
LITHIA MOTORS INC-CLASS A	10,970.	25,462.
LITHIA MOTORS INC-CLASS A	203,042.	523,294.
LIVANOVA PLC	20,402.	16,221.
LIVE NATION ENTERTAINMENT INC	19,464.	19,987.
LIVEPERSON INC	8,420.	27,008.
LIVERAMP HOLDINGS INC	15,978.	27,007.
LKQ CORP	16,029.	17,972.
LLOYDS BANKING GROUP PLC	2,642.	1,595.
LOCALIZA RENT A CAR SPONSORED	1,699.	4,141.
LOCKHEED MARTIN CORP	93,786.	143,767.
LOEWS CORPORATION	12,127.	14,812.
LOGICBIO THERAPEUTICS INC	695.	1,152.
LOGITECH INTERNATIONAL SA	4,830.	7,289.

LONDON STOCK EXCHANGE UNSPONSORED	5,051.	10,941.
LONZA GROUP AG UNSPONSORED	3,720.	8,715.
L'OREAL CO UNSPONSORED	6,956.	12,412.
LOUISIANA PAC CORP	18,928.	29,216.
LOVESAC CO/THE	1,728.	2,801.
LOWES COS INC	89,557.	194,217.
LTC PROPERTIES INC	2,823.	2,335.
LUFTHANSA SPONSORED	2,953.	1,431.
LUKOIL PJSC SPONSORED	8,070.	9,570.
LULULEMON ATHLETICA INC	123,941.	211,254.
LUMINEX CORP DEL	9,054.	6,820.
LUTHER BURBANK CORP	3,294.	3,342.
LVMH MOET HENNESSY LOUIS UNSPONSORED	10,220.	22,451.
LYONDELLBASELL INDUSTRIES NV	37,721.	37,489.
M & T BANK CORP	25,752.	26,224.
MACOM TECHNOLOGY SOLUTIONS HLDGS INC	10,352.	18,053.
MACQUARIE GROUP LTD SPONSORED	6,035.	8,898.
MACROGENICS INC	1,928.	2,903.
MADDEN STEVEN LTD	8,163.	8,901.
MADRIGAL PHARMACEUTICALS INC	6,359.	7,004.
MAGELLAN HEALTH INC	5,355.	5,964.
MAGENTA THERAPEUTICS INC	2,210.	2,132.
MAGIC LEAP INC	24,392.	2,436.
MAGIC LEAP INC	6,966.	697.
MAGNA INTERNATIONAL INC CL A	4,100.	5,522.
MAGNITE INC	2,972.	12,253.
MAGNOLIA OIL & GAS CORP	4,092.	5,253.
MAKITA CORP-SPONSORED	9,332.	11,173.
MALIBU BOATS INC	4,585.	7,805.
MANNKIND CORP	2,804.	5,049.
MANTECH INTERNATIONAL CORP CL A	5,207.	7,115.
MANULIFE FINANCIAL CORP	4,107.	3,689.
MARATHON OIL CORP	20,038.	9,365.
MARATHON PETROLEUM CORPORATION	61,018.	47,564.
MARCUS & MILLICHAP INC	2,584.	2,792.
MARINUS PHARMACEUTICALS INC	2,997.	3,477.
MARKER THERAPEUTICS INC	2,912.	484.
MARKETAXESS HOLDINGS INC	21,214.	37,657.
MARKETAXESS HOLDINGS INC	94,677.	298,973.
MARRIOT VACATIONS WORLDWIDE CORP	4,391.	4,940.
MARRIOTT INTERNATIONAL INC	29,972.	56,462.
MARSH & MCLENNAN COS INC	52,948.	101,556.
MARTEN TRANSPORT LTD	3,286.	3,463.
MARTIN MARIETTA MATLS INC	15,898.	29,533.
MARVELL TECHNOLOGY GROUP LTD	79,675.	148,895.
MASCO CORP	12,787.	24,004.
MASONITE INTERNATIONAL CORP	10,730.	18,488.
MASTERCARD INC CL A	150,436.	521,846.
MASTERCRAFT BOAT HOLDINGS INC	3,235.	3,502.
MATCH GROUP INC	144,310.	301,775.
MATERION CORP	2,181.	3,250.
MAURI GROUP CO., LTD UNSPONSORED	7,377.	6,905.
MAXEON SOLAR TECHNOLOGIES LTD	930.	1,447.
MAXIM INTEGRATED PRODS INC	26,679.	42,286.
MAXIMUS INC	29,254.	29,276.
MAXLINEAR INC CL A	6,858.	10,655.
MCCORMICK & CO INC	19,710.	42,255.
MCDONALDS CORP	144,956.	264,792.

MCGRATH RENTCORP	4,487.	6,643.
MCKESSON CORP	48,963.	46,784.
MEDICINOVA INC	2,856.	1,552.
MEDIFAST INC	5,618.	15,315.
MEDIOBANCA SPA UNSPONSORED	3,737.	3,225.
MEDPACE HOLDINGS INC	13,493.	27,144.
MEDTRONIC PLC	171,740.	264,619.
MEGAWORLD CORP UNSPONSORED	6,032.	6,338.
MEI PHARMA INC	2,038.	2,680.
MEIRAGTX HOLDINGS PLC	3,062.	1,605.
MEITUAN UNSPONSORED ADR	12,792.	18,867.
MERCK & CO INC	49,495.	347,568.
MERCK KGAA SPONSORED	1,766.	2,646.
MEREDITH CORP	5,343.	1,901.
MERIDIAN BIOSCIENCE INC	3,021.	4,897.
MERIT MED SYSTEM INC	9,874.	20,927.
MERITOR INCORPORATED	9,386.	11,248.
MERSANA THERAPEUTICS INC	8,133.	9,872.
MESA LABS INC	5,778.	7,453.
METHODE ELECTRONICS INC	3,000.	3,024.
METLIFE INC	59,294.	60,753.
METTLER-TOLEDO INTERNATIONAL INC	16,866.	47,867.
MGE ENERGY INC	3,023.	2,871.
MGM RESORTS INTERNATIONAL	21,184.	19,473.
MGP INGREDIENTS INC	6,206.	6,118.
MICHELIN (CGDE) UNSPONSORED	5,057.	4,655.
MICROCHIP TECHNOLOGY INC	23,740.	54,692.
MICRON TECHNOLOGY INC	39,603.	141,639.
MICROSOFT CORP	684,726.	2,159,253.
MICROSOFT CORP	746,826.	2,806,718.
MICROSTRATEGY INC CL A	3,798.	12,045.
MID-AMER APARTMENT COMM	16,715.	23,818.
MIDDLESEX WATER CO	7,863.	9,349.
MIMECAST LTD	15,795.	22,338.
MINERVA NEUROSCIENCES INC	3,072.	1,097.
MIRATI THERAPEUTICS INC	34,365.	63,037.
MITEK SYSTEMS INC	3,056.	5,050.
MITSUBISHI ELECTRIC CORP UNSPONSORED	2,693.	2,546.
MITSUBISHI ESTATE	9,267.	8,532.
MITSUBISHI UFJ FINANCIAL-SPONSORED	1,865.	1,298.
MITSUI & CO LTD SPONSORED	6,991.	8,482.
MITSUI FUDOSAN CO LTD	8,514.	7,965.
MIZUHO FINANCIAL GROUP INC SPONSORED	3,328.	2,902.
MMC NORILSK NICKEL PJSC SPONSORED	3,386.	6,296.
MOBILE TELESYSTEMS SPONSORED	3,407.	2,837.
MODEL N INC	6,460.	9,170.
MOELIS & CO	12,111.	17,208.
MOHAWK INDUSTRIES INC	22,074.	14,659.
MOLECULAR TEMPLATES INC	2,882.	1,925.
MOLINA HEALTHCARE INC	188,379.	281,588.
MOLSON COORS BEVERAGE CO CL B	26,766.	13,783.
MOMO INC SPONSORED	1,824.	726.
MONARCH CASINO & RESORT INC	2,749.	5,204.
MONDELEZ INTERNATIONAL INC	111,230.	140,913.
MONGODB INC CL A	84,612.	176,648.
MONMOUTH CL A	7,588.	9,665.
MONRO INC	9,069.	6,023.
MOODYS CORP	29,253.	80,396.

MORGAN STANLEY	77,844.	164,198.
MORPHIC HOLDING INC	3,696.	4,596.
MOSAIC CO NEW	18,871.	13,346.
MOTOROLA SOLUTIONS, INC	22,359.	46,596.
MOWI ASA SPONSORED	2,429.	2,588.
MR PRICE GROUP LTD SPONSORED	1,596.	1,320.
MS&AD INS GROUP HOLDINGS UNSPONSORED	9,516.	8,941.
MSCI INC	20,046.	59,835.
MTN GROUP LTD SPONSORED	4,262.	2,034.
MUENCHENER UNSPONSORED	7,127.	10,161.
MURATA MFG CO LTD UNSPONSORED	5,764.	10,172.
MURPHY USA INC	20,425.	25,127.
MYERS INDUSTRIES INC	3,443.	4,114.
MYR GROUP INC	3,194.	5,289.
NANOSTRING TECHNOLOGIES INC	10,174.	18,793.
NANTKWEST INC	2,460.	3,293.
NAPCO SECURITY TECHNOLOGIES INC	2,998.	3,015.
NASDAQ INC	11,443.	25,619.
NASPERS LTD SPONSORED	7,359.	9,185.
NATERA INC	17,033.	48,964.
NATIONAL AUSTRALIA BK LTD SPONSORED	9,661.	7,064.
NATIONAL GENERAL HOLDINGS CORP	5,296.	8,066.
NATIONAL GRID PLC SPONSORED	4,292.	4,959.
NATIONAL HEALTH INVS INC	5,891.	5,119.
NATIONAL OILWELL VARCO INC	23,066.	8,622.
NATIONAL RESEARCH CORP	4,776.	3,377.
NATIONAL STORAGE AFFILIATES	13,251.	16,322.
NATIONAL VISION HOLDINGS INC	14,543.	21,105.
NATURA & CO HOLDINGS SPONSORED	2,600.	3,080.
NATURGY ENERGY GROUP SA UNSPONSORED	1,471.	1,271.
NATUS MEDICAL INC	2,786.	2,164.
NATWEST GROUP PLC SPONSORED	2,273.	1,681.
NEDBANK GROUP LTD SPONSORED	7,309.	3,965.
NEOGEN CORP	24,232.	29,103.
NEOGENOMICS INC	17,510.	38,819.
NEOLEUKIN THERAPEUTICS INC	3,186.	2,919.
NEOPHOTONICS CORP	3,037.	3,263.
NESTE OYJ UNSPONSORED	3,085.	5,332.
NESTLE SA SPONSORED	38,165.	50,301.
NETAPP INC	11,482.	22,323.
NETEASE INC SPONSORED	3,435.	6,225.
NETFLIX INC	93,266.	401,222.
NETFLIX INC	350,767.	574,796.
NEUBASE THERAPEUTICS INC	3,021.	2,209.
NEUBERGER BERMAN HIGH INCOME BOND	3,151,310.	3,246,335.
NEUROCRINE BIOSCIENCES INC	286,155.	291,192.
NEVRO CORP	17,997.	40,679.
NEW ORIENTAL EDUCATION SPONSORED	2,676.	6,318.
NEWAGE INC	2,989.	2,869.
NEWELL BRANDS INC	25,783.	11,358.
NEWMONT CORP	40,220.	80,193.
NEWS CORP/NEW CL A	9,471.	11,339.
NEWS CORP/NEW CL B	1,290.	1,510.
NEXT PLC UNSPONSORED	3,687.	3,923.
NEXTCURE INC	4,239.	937.
NEXTERA ENERGY INC	203,102.	269,331.
NEXTERA ENERGY INC	95,947.	250,120.
NGM BIOPHARMACEUTICALS INC	3,034.	6,392.

NIC INC	7,747.	11,417.
NICE LTD SPONSORED	3,326.	9,073.
NIDEC CORPORATION SPONSORED	3,425.	6,720.
NIELSEN HLDGS PLC	27,060.	11,583.
NIKE INC-CLASS B	135,921.	295,955.
NIKE INC-CLASS B	155,882.	207,254.
NINTENDO LTD UNSPONSORED	6,385.	10,629.
NIO INC SPONSORED	1,466.	3,753.
NIPPON TELEGRAPH & TELEPHN SPONSORED	2,271.	2,544.
NISOURCE INC	12,140.	14,062.
NISSAN MOTOR LTD SPONSORED	3,606.	1,877.
NITTO DENKO CORP UNSPONSORED	6,862.	6,896.
NKARTA INC	3,528.	6,454.
NLIGHT INC	4,042.	7,836.
NN GROUP NV UNSPONSORED	2,168.	2,113.
NOAH HOLDINGS LTD SPONSORED	2,054.	2,486.
NOKIA CORP SPONSORED	6,596.	4,172.
NOMURA HOLDINGS INC SPONSORED	3,535.	3,294.
NOODLES & CO	2,010.	1,722.
NORDEA BANK ABP SPONSORED	5,239.	3,297.
NORDSON CORP	235,000.	395,470.
NORFOLK SOUTHERN CORP	34,260.	98,608.
NORFOLK SOUTHERN CORP	99,809.	127,834.
NORSK HYDRO ASA SPONSORED	2,404.	1,470.
NORTHERN TR CORP	29,013.	34,462.
NORTHROP GRUMMAN CORPORATION	52,688.	79,837.
NORTHWEST NATURAL HOLDING CO	2,966.	2,575.
NORTONLIFELOCK INC	20,919.	21,092.
NORWEGIAN CRUISE LINE HOLDINGS	23,307.	10,197.
NOVAGOLD RESOURCES INC	10,464.	14,476.
NOVANTA INC	12,656.	28,136.
NOVARTIS AG SPONSORED	21,223.	25,968.
NOVAVAX INC	8,514.	12,266.
NOVO NORDISK AS SPONSORED	11,608.	16,974.
NOVOZYMES A/S UNSPONSORED	2,674.	2,968.
NRG ENERGY INC	4,664.	13,556.
NSK LTD UNSPONSORED	2,683.	1,738.
NUCOR CORP	23,140.	28,084.
NURO INC	23,733.	23,725.
NUTRIEN LTD	1,597.	1,589.
NUVASIVE INC	20,865.	20,729.
NV5 GLOBAL INC	5,098.	4,884.
NVIDIA CORP	83,004.	537,344.
NVR INC	21,450.	24,479.
NYMOX PHARMACEUTICAL CORP	3,559.	2,234.
OCCIDENTAL PETE CORP	88,022.	22,347.
OCULAR THERAPEUTIX INC	2,723.	9,149.
ODONATE THERAPEUTICS INC	2,979.	3,936.
OGE ENERGY CORP	111,335.	98,161.
O-I GLASS INC	6,022.	9,246.
OLD DOMINION FREIGHT LINE INC	18,309.	29,082.
OLYMPUS CORP SPONSORED	1,524.	3,588.
OMEROS CORP	7,282.	6,871.
OMNICELL INC	20,761.	35,406.
OMNICOM GROUP	28,651.	23,763.
OMRON CORP SPONSORED	5,365.	9,216.
OMV AG SPONSORED	2,225.	1,686.
ONCOCYTE CORP	3,211.	2,271.

ONE GAS INC	2,941.	3,071.
ONEOK INC	33,732.	28,516.
ONESPAN INC	5,204.	5,149.
ONO PHARMACEUTICAL CO UNSPONSORED	2,704.	4,319.
ONTO INNOVATION INC	2,975.	4,280.
ONTRAK INC	3,382.	3,275.
OOMA INC	3,385.	3,110.
OPEN TEXT CORP	3,442.	4,728.
OPTIMIZERX CORP	1,931.	3,085.
OPTINOSE INC	3,032.	1,768.
OPTION CARE HEALTH INC	3,809.	4,567.
ORACLE CORPORATION	128,409.	202,674.
ORASURE TECHNOLOGIES INC	3,220.	3,133.
O'REILLY AUTOMOTIVE INC	32,538.	55,666.
ORIC PHARMACEUTICALS INC	2,862.	2,776.
ORION ENERGY SYSTEMS INC	3,234.	3,158.
ORION ENGINEERED CARBONS SA	4,504.	4,148.
ORIX CORP SPONSORED	3,255.	3,093.
ORKLA ASA SPONSORED	2,503.	2,880.
ORMAT TECHNOLOGIES INC	17,117.	25,188.
ORSTED A/S UNSPONSORED	3,104.	4,990.
ORTHOPEDIATRICS CORP	3,959.	3,589.
OSI SYSTEMS INC	11,003.	9,322.
OTIS WORLDWIDE CORP	38,562.	48,704.
OTSUKA HOLDINGS LTD UNSPONSORED	6,749.	7,179.
OTTER TAIL CORPORATION	8,427.	7,840.
OVERSTOCK.COM INC	7,424.	11,561.
OVID THERAPEUTICS INC	2,934.	878.
PACCAR INC	34,213.	50,474.
PACIFIC BIOSCIENCES	10,024.	29,157.
PACIRA BIOSCIENCES INC	12,790.	18,550.
PACKAGING CORP OF AMERICA	16,940.	21,514.
PAE INC	3,807.	3,782.
PALOMAR HOLDINGS INC	5,762.	13,681.
PAN AMERICAN SILVER CORP	2,260.	2,278.
PAN PACIFIC INTL HLDGS UNSPONSORED	1,653.	2,349.
PANASONIC CORPORATION SPONSORED	4,523.	3,735.
PANDORA A/S SPONSORED	2,836.	3,407.
PAPA JOHNS INTL INC	11,071.	16,206.
PAR TECHNOLOGY CORP	3,023.	7,535.
PARATEK PHARMACEUTICALS INC	2,908.	2,792.
PARKER HANNIFIN CORP	26,079.	59,930.
PARSLEY ENERGY INC	401,500.	300,330.
PARSONS CORP	5,238.	5,425.
PASSAGE BIO INC	2,786.	2,710.
PATRICK INDS INC	6,503.	10,047.
PAYCHEX INC	29,338.	49,292.
PAYCOM SOFTWARE INC	25,628.	37,085.
PAYPAL HOLDINGS INC	197,844.	597,678.
PAYPAL HOLDINGS INC	85,756.	455,987.
PAYSIGN INC	3,020.	835.
PDF SOLUTIONS	3,474.	4,018.
PEARSON PLC SPONSORED	1,707.	1,671.
PEMBINA PIPELINE CORP	4,896.	3,407.
PENN NATL GAMING INC	16,745.	45,776.
PENNANT GROUP INC	3,238.	10,393.
PENNYMAC FINANCIAL SERVICES INC	1,100.	3,478.
PENTAIR PLC	9,991.	14,494.

PEOPLES UNITED FINANCIAL, INC	7,943.	6,245.
PERDOCEO EDUCATION CORP	4,646.	5,355.
PERFICIENT INC	9,355.	12,723.
PERFORMANCE FOOD GROUP CO	139,649.	174,776.
PERKINELMER INC	9,282.	26,117.
PERNOD RICARD SA UNSPONSORED	4,518.	6,059.
PERRIGO CO PLC	34,794.	9,794.
PERSONALIS INC	2,270.	6,517.
PERSPECTA INC	17,710.	19,336.
PETIQ INC	4,077.	4,383.
PETMED EXPRESS INC	4,949.	4,360.
PETROCHINA CO LTD SPONSORED	3,284.	1,321.
PETROLEO BRASILEIRO SA SPONSORED	4,688.	4,986.
PETROLEO BRASILEIRO SPONSORED	1,279.	1,460.
PEUGEOT SA UNSPONSORED	2,241.	2,598.
PFIZER INC	188,193.	339,499.
PGT INNOVATIONS INC	2,878.	3,295.
PHATHOM PHARMACEUTICALS INC	4,056.	3,322.
PHIBRO ANIMAL HEALTH CORP	6,077.	4,292.
PHILIP MORRIS INTL INC	239,299.	217,903.
PHILLIPS 66	63,858.	51,476.
PHREESIA INC	5,455.	12,914.
PHYSICIANS REALTY TRUST	256,293.	263,120.
PIERIS PHARMACEUTICALS INC	3,022.	1,668.
PINDUODUO SPONSORED	5,417.	14,391.
PING AN INSURANCE SPONSORED	6,233.	9,433.
PING IDENTITY HOLDING CORP	7,312.	6,358.
PINNACLE FINANCIAL PARTNERS INC	318,131.	354,780.
PINNACLE WEST CAP CORP	11,866.	14,711.
PIONEER NATURAL RESOURCES CO	40,912.	32,003.
PIPER SANDLER COS	204,761.	260,726.
PITNEY BOWES INC	1,471.	2,248.
PJT PARTNERS INC CL A	7,542.	12,416.
PLANTRONICS INC	4,299.	3,217.
PLDT INC SPONSORED	4,603.	5,889.
PLEXUS CORP	10,407.	12,748.
PLUG POWER INC	18,456.	88,030.
PLYMOUTH INDUSTRIAL REIT INC	2,585.	3,270.
PMV PHARMACEUTICALS INC	3,356.	4,613.
PNC FINL SVCS GROUP INC	67,294.	108,174.
POLARIS INC	272,538.	246,108.
POOL CORPORATION	22,305.	25,330.
POOL CORPORATION	72,435.	250,320.
PORSCHE AUTOMOBIL UNSPONSORED	2,663.	2,916.
PORTLAND GENERAL ELECTRIC CO	243,388.	223,559.
POSCO SPONSORED	16,467.	16,450.
POWER ASETS HOLDINGS SPONSORED	2,590.	1,982.
POWER INTEGRATIONS INC	17,607.	33,563.
POWER INTEGRATIONS INC	95,511.	217,256.
PPG INDUSTRIES INC	39,705.	55,236.
PPL CORPORATION	45,854.	37,873.
PRECIGEN INC	1,590.	3,264.
PRECISION BIOSCIENCES INC	6,069.	3,503.
PRESTIGE CONSUMER HEALTHCARE INC	4,574.	4,324.
PREVAIL THERAPEUTICS INC	3,025.	3,022.
PRICESMART INC	1,700.	2,551.
PRIMORIS SERVICES CORP	3,624.	4,997.
PRINCIPAL FINL GROUP INC	24,852.	22,027.

PROCTER & GAMBLE CO	327,077.	573,813.
PROG HOLDINGS INC	9,782.	10,612.
PROGRESS SOFTWARE CORP	13,008.	15,817.
PROGRESSIVE CORP	36,916.	97,298.
PROGYNY INC	4,520.	7,757.
PROLOGIS INC	72,211.	125,273.
PROS HOLDINGS INC	16,561.	13,860.
PROSUS NV SPONSORED	3,392.	4,642.
PROTAGONIST THERAPEUTICS INC	4,127.	4,355.
PROTO LABS INC	19,351.	27,765.
PROVENTION BIO INC	4,283.	4,997.
PROVIDENCE SERVICE CORP	6,998.	12,893.
PRUDENTIAL FINL INC	53,146.	49,496.
PRUDENTIAL PLC SPONSORED	6,891.	5,318.
PS BUSINESS PKS INC/CA	24,039.	19,266.
PT BANK MANDIRI PERSERO TBK	6,433.	6,711.
PT BANK RAKYAT INDONESIA UNSPONSORED	4,800.	7,076.
PTC THERAPEUTICS INC	17,538.	26,304.
PUBLIC SERVICE ENTERPRISE GROUP INC	36,047.	50,779.
PUBLIC STORAGE INC	54,990.	56,809.
PUBLICIS GROUPE SPONSORED	1,972.	1,592.
PULMONX CORP	3,432.	4,417.
PULTE GROUP INC	8,459.	19,792.
PUMA BIOTECHNOLOGY INC	2,717.	2,698.
PURE CYCLE CORP	2,993.	3,144.
PURPLE INNOVATION INC	2,900.	5,534.
PVH CORP	11,610.	12,018.
PZENA INVESTMENT MANAGEMENT CL A	2,888.	2,635.
Q2 HOLDINGS INC	27,442.	43,020.
QAD INC-A	3,214.	5,118.
QBE INS GROUP LTD SPONSORED	4,609.	3,625.
QIAGEN NV	2,061.	3,012.
QORVO INC	7,997.	29,430.
QTS REALTY TRUST INC	18,420.	23,886.
QUAKER CHEMICAL CORP	17,135.	23,565.
QUAKER CHEMICAL CORP	234,830.	397,062.
QUALCOMM INC	112,513.	289,294.
QUALYS INC	19,004.	28,639.
QUANTA SERVICES INC	4,963.	18,005.
QUANTERIX CORP	4,364.	7,208.
QUEST DIAGNOSTICS INC	14,918.	26,813.
QUINSTREET INC	3,147.	3,066.
QUOTIENT LTD	3,141.	2,193.
QUOTIENT TECHNOLOGY INC	2,921.	3,881.
R1 RCM INC	5,297.	16,694.
RACKSPACE TECHNOLOGY INC	3,621.	3,717.
RADIUS HEALTH INC	6,125.	4,858.
RADNET INC	3,637.	4,971.
RAKUTEN INC SPONSORED	3,801.	3,288.
RALPH LAUREN CORP	10,232.	9,440.
RAPID7 INC	22,614.	32,277.
RAPID7 INC	107,175.	434,752.
RAPPI INC	30,948.	30,951.
RAPT THERAPEUTICS INC	3,621.	2,113.
RAVEN INDUSTRIES INC	2,136.	2,018.
RAYMOND JAMES FINANCIAL INC	16,517.	20,282.
RAYTHEON TECHNOLOGIES CORP	143,268.	179,133.
RBC BEARINGS INC	26,749.	30,795.

RBC BEARINGS INC	278,618.	414,836.
REALREAL INC	5,820.	8,480.
REALTY INCOME CORP	32,139.	35,313.
RECKITT BENCKISER GROUP SPONSORED	11,490.	10,999.
RECRO PHARMA INC	1,296.	385.
RED ELECTRICA CORP UNSPONSORED	1,384.	1,428.
RED ROCK RESORTS INC CL A	7,634.	8,489.
REDFIN CORP	14,594.	45,845.
REGENCY CENTERS CORPORATION	19,827.	13,403.
REGENERON PHARMACEUTICALS INC	98,671.	86,477.
REGENXBIO INC	14,751.	12,973.
REGIONS FINANCIAL CORP	16,400.	27,340.
RELAY THERAPEUTICS INC	7,167.	7,065.
RELMADA THERAPEUTICS INC	4,251.	3,143.
RELX PLC SPONSORED	7,426.	8,557.
RENAULT SA UNSPONSORED	5,761.	2,680.
RENT A CENTER INC	7,967.	11,257.
RENTOKIL INITIAL PLC SPONSORED	2,381.	2,528.
REPAY HOLDINGS CORP CL A	10,172.	10,873.
REPLIMUNE GROUP INC	3,681.	5,570.
REPRO-MED SYSTEMS INC	2,778.	1,944.
REPSOL SA SPONSORED	2,786.	1,471.
REPUBLIC SERVICES INC	14,203.	31,298.
RESMED INC	20,527.	51,014.
RESTAURANT BRANDS INTERNATIONAL INC	3,344.	3,178.
REVANCE THERAPEUTICS INC	6,165.	10,287.
REVOLUTION MEDICINES INC	10,490.	10,491.
RH	24,160.	46,990.
RHYTHM PHARMACEUTICALS INC	5,679.	7,730.
RIGEL PHARMACEUTICALS INC	2,999.	4,200.
RINGCENTRAL INC	79,534.	103,838.
RIO TINTO PLC SPONSORED	7,499.	10,681.
RITCHIE BROS AUCTIONEERS INC	1,796.	1,739.
RITCHIE BROS AUCTIONEERS INC	196,059.	441,503.
RIVIAN AUTOMOTIVE INC	74,477.	110,080.
RIVIAN AUTOMOTIVE INC	135,088.	138,489.
RLI CORP	21,127.	25,204.
RMR GROUP INC CL A	3,158.	3,090.
ROBERT HALF INTL INC	10,758.	12,996.
ROCHE HOLDING LTD SPONSORED	22,122.	31,784.
ROCKET PHARMACEUTICALS INC	2,899.	12,558.
ROCKWELL AUTOMATION INC	20,767.	47,905.
ROCKWELL MEDICAL INC	2,930.	1,010.
ROGERS COMMUNICATIONS-CL B	2,148.	1,910.
ROGERS CORP	3,217.	3,416.
ROLLINS INC	8,975.	13,421.
ROLLS-ROYCE HOLDINGS PLC SPONSORED	4,282.	548.
ROPER TECHNOLOGIES INC	34,372.	75,441.
ROSS STORES INC	29,950.	72,458.
ROSS STORES INC	319,351.	477,977.
ROYAL BANK OF CANADA	14,308.	15,263.
ROYAL CARIBBEAN CRUISES LTD	33,311.	24,050.
ROYAL DUTCH SHELL PLC SPONSORED	30,104.	17,781.
ROYAL KPN NEDERLAND NV SPONSORED	1,871.	2,012.
RPM INTERNATIONAL INC	245,115.	437,015.
RUBIUS THERAPEUTICS INC	874.	1,457.
RUTH'S HOSPITALITY GROUP INC	5,990.	5,549.
RWE AKTIENGESELLSCHAFT SPONSORED	2,621.	3,820.

RYMAN HOSPITALITY PPTYS INC	22,026.	20,938.
RYOHIN KEIKAKU CO UNSPONSORED	6,428.	4,419.
S&P GLOBAL INC	41,405.	135,108.
S&P GLOBAL INC	106,503.	159,763.
SAFEHOLD INC	3,103.	5,147.
SAFRAN SA UNSPONSORED	4,695.	6,560.
SAIA INC	16,105.	31,459.
SAILPOINT TECHNOLOGIES HOLDINGS INC	13,076.	32,636.
SALESFORCE COM INC	159,080.	340,693.
SALESFORCE COM INC	316,378.	548,759.
SAMPO OYJ A SHARES UNSPONSORED	2,748.	2,283.
SANDERSON FARMS INC	12,471.	14,542.
SANDVIK AB SPONSORED	2,087.	2,975.
SANGAMO THERAPEUTICS INC	8,672.	12,781.
SANLAM LTD SPONSORED	10,389.	7,819.
SANOFI SPONSORED	12,605.	12,439.
SANTEN PHARMACEUTICAL CO UNSPONSORED	6,046.	6,118.
SAP SE SPONSORED	14,909.	16,951.
SAPIENS INTERNATIONAL CORP	4,923.	5,479.
SAUL CENTERS INC	3,537.	2,059.
SBA COMMUNICATIONS CORP CL A	28,255.	51,912.
SBERBANK RUSSIA SPONSORED	7,120.	7,671.
SCHLUMBERGER LTD	167,697.	49,183.
SCHNEIDER ELECTRIC UNSPONSORED	7,921.	13,230.
SCHNEIDER NATIONAL INC CL B	179,746.	152,559.
SCHOLAR ROCK HOLDING CORP	2,604.	8,590.
SCHRODINGER INC	10,718.	15,282.
SCIENTIFIC GAMES CORP	5,707.	12,281.
SCOR SPONSORED	4,555.	3,229.
SEA LTD SPONSORED	76,047.	77,829.
SEAGATE TECHNOLOGY PLC	14,638.	23,124.
SEALED AIR CORP NEW	9,708.	9,066.
SEAWORLD ENTERTAINMENT INC	5,180.	4,896.
SECOM LTD UNSPONSORED	1,794.	2,236.
SEIKO EPSON UNSPONSORED	4,602.	3,316.
SELECT MEDICAL HOLDINGS CORPORATION	12,556.	23,096.
SEMICONDUCTOR MANUF SPONSORED	1,070.	2,776.
SEMPRA ENERGY	52,084.	62,558.
SEMTECH CORP	22,067.	32,873.
SENSIENT TECHNOLOGIES CORP	7,787.	8,410.
SERES THERAPEUTICS INC	1,795.	9,237.
SERVICENOW INC	122,640.	375,944.
SERVICENOW INC	91,647.	178,890.
SERVISFIRST BANCSHARES INC	8,715.	10,596.
SEVEN & I HOLDINGS UNSPONSORED	6,027.	4,795.
SGS SA UNSPONSORED	5,408.	6,421.
SHAKE SHACK INC - CLASS A	15,964.	20,178.
SHARP CORPORATION UNSPONSORED	3,824.	1,968.
SHAW COMMUNICATIONS INC-CL B	4,238.	3,249.
SHENANDOAH TELECOMMUNICATION	12,950.	14,359.
SHERWIN WILLIAMS CO	38,278.	101,418.
SHIMANO INC UNSPONSORED ADR	1,987.	3,153.
SHIN ETSU CHEMICAL CO UNSPONSORED	4,888.	9,500.
SHINHAN FINANCIAL GROUP SPONSORED	15,411.	11,547.
SHISEIDO LTD SPONSORED	7,473.	13,028.
SHOCKWAVE MEDICAL INC	9,379.	21,055.
SHOPIFY INC CL A	31,321.	37,354.
SHOPIFY INC CL A	10,609.	15,847.

SHOPRITE HLDGS LTD SPONSORED	8,727.	5,777.
SHOTSPOTTER INC	2,975.	2,865.
SHUTTERSTOCK INC	6,046.	10,253.
SHYFT GROUP INC	3,372.	8,287.
SI-BONE INC	3,034.	4,515.
SIEMENS AG SPONSORED	14,521.	15,004.
SIEMENS HEALTHINEERS AG UNSPONSORED	4,464.	4,942.
SIENTRA INC	2,994.	1,828.
SIGA TECHNOLOGIES INC	3,420.	4,151.
SIGNATURE BANK	294,614.	342,419.
SIKA AG UNSPONSORED	2,243.	3,240.
SILICON LABORATORIES INC	30,585.	38,457.
SILICON LABORATORIES INC	229,103.	343,054.
SILK ROAD MEDICAL INC	7,493.	12,092.
SIMON PROPERTY GROUP INC	109,213.	46,307.
SIMPSON MANUFACTURING CO INC	20,559.	28,876.
SIMULATIONS PLUS INC	4,092.	7,767.
SINA CORP	2,043.	1,610.
SINGAPORE AIRLINES LTD UNSPONSORED	2,841.	2,830.
SINGAPORE EXCHANGE LTD UNSPONSORED	6,544.	8,531.
SINGAPORE TELECOM SPONSORED	4,607.	3,550.
SINOPEC SHANGHAI PETRO SPONSORED	1,341.	1,111.
SITONE LANDSCAPE SUPPLY INC	20,513.	47,430.
SITIME CORP	4,934.	6,604.
SJW GROUP	4,439.	4,786.
SK TELECOM LTD SPONSORED	11,725.	11,971.
SKYLINE CHAMPION CORP	10,018.	11,479.
SKYWORKS SOLUTIONS INC	23,697.	41,736.
SL GREEN REALTY CORP	19,335.	9,712.
SLACK TECHNOLOGIES INC CL A	42,181.	71,850.
SLEEP NUMBER CORP	1,488.	5,976.
SMART GLOBAL HOLDINGS INC	2,895.	4,365.
SMC CORPORATION SPONSORED	9,108.	15,524.
SMITH & NEPHEW PLC SPONSORED	3,872.	4,386.
SMITH A O CORPORATION	13,315.	13,266.
SMITHS GROUP PLC SPONSORED	1,807.	1,695.
SNAP INC CL A	211,104.	704,034.
SNAP-ON INC	15,660.	16,258.
SNOWFLAKE INC CL A	13,562.	28,140.
SOCIEDAD QUIMICA MINERA SPONSORED	2,757.	2,356.
SODEXO SA SPONSORED	2,588.	2,155.
SOFTBANK GROUP CORP UNSPONSORED	7,617.	14,343.
SONIC HEALTHCARE LTD SPONSORED	4,767.	6,607.
SONOS INC	7,221.	13,309.
SONOVA HOLDING AG UNSPONSORED	4,306.	5,778.
SONY CORP SPONSORED	6,799.	18,198.
SORRENTO THERAPEUTICS INC	13,657.	13,138.
SOUTH JERSEY INDS INC	9,172.	7,564.
SOUTH32 LTD SPONSORED	4,195.	3,132.
SOUTHERN COMPANY	33,517.	109,837.
SOUTHERN COPPER CORP	1,577.	2,930.
SOUTHWEST AIRLINES CO	46,173.	47,868.
SOUTHWEST GAS HLDGS INC	2,875.	2,855.
SPARK NEW ZEALAND SPONSORED	4,646.	5,661.
SPERO THERAPEUTICS INC	2,792.	4,111.
SPLUNK INC	240,964.	334,004.
SPORTSMAN'S WAREHOUSE HOLDINGS	4,151.	5,230.
SPOTIFY TECHNOLOGY SA	194,244.	441,468.

SPRINGWORKS THERAPEUTICS INC	8,682.	13,054.
SPROUT SOCIAL INC	6,113.	8,128.
SPS COMMERCE INC	14,370.	28,125.
SPX CORP	7,344.	11,726.
SSE PLC SPONSORED	2,788.	4,227.
ST JOE COMPANY	2,955.	6,877.
STAAR SURGICAL CO	12,058.	25,509.
STAMPS COM INC	22,606.	23,543.
STANDARD BANK GROUP SPONSORED	6,896.	4,856.
STANLEY BLACK & DECKER INC	29,128.	45,176.
STARBUCKS CORP	124,186.	211,072.
STATE STREET CORP	40,661.	42,431.
STEPAN COMPANY	2,903.	3,938.
STEREOTAXIS INC	2,621.	2,881.
STERIS PLC	19,630.	24,830.
STERIS PLC	152,807.	332,832.
STITCH FIX INC CL A	9,416.	20,787.
STOCK YARDS BANCORP INC	1,296.	1,376.
STOKE THERAPEUTICS INC	3,671.	6,007.
STRATEGIC EDUCATION INC	15,756.	14,585.
STRIPE INC	10,230.	10,230.
STRONGBRIDGE BIOPHARMA PLC	3,092.	1,837.
STRYKER CORPORATION	62,537.	133,792.
STRYKER CORPORATION	355,818.	564,082.
STURM RUGER & CO INC	6,253.	7,093.
SUBARU CORP UNSPONSORED	4,015.	2,328.
SUEZ SPONSORED	1,666.	2,259.
SUMITOMO CHEM CO LTD UNSPONSORED	1,256.	1,617.
SUMITOMO MITSUI TRUST SPONSORED	1,871.	1,622.
SUMMIT HOTEL PROPERTIES	288,806.	185,993.
SUN COMMUNITIES INC	253,799.	401,452.
SUN HUNG KAI PROP LTD SPONSORED	11,751.	9,364.
SUN LIFE FINANCIAL INC	6,097.	6,180.
SUNCOR ENERGY INC	7,914.	3,692.
SUNNOVA ENERGY INTERNATIONAL INC	3,092.	3,294.
SUNPOWER CORPORATION	1,764.	9,153.
SUNRUN INC	12,190.	70,213.
SUNTORY BVRGE & FOOD LTD UNSPONSORED	7,220.	5,598.
SUPER MICRO COMPUTER INC	2,757.	3,103.
SUPERNUS PHARMACEUTICALS INC	3,067.	1,912.
SURGERY PARTNERS INC	1,813.	5,019.
SURGUTNEFTEGAZ PJSC SPONSORED	2,669.	2,958.
SURMODICS INC	3,161.	3,482.
SUTRO BIOPHARMA INC	3,808.	3,604.
SUZANO SA SPONSORED	1,342.	2,270.
SUZUKI MOTOR CORP UNSPONSORED	2,643.	3,363.
SVB FINANCIAL GROUP	21,105.	31,026.
SVENSKA HANDELSBANKEN AB UNSPONSORED	3,462.	2,353.
SVMK INC	16,122.	21,232.
SWEDBANK AB SPONSORED	3,248.	2,099.
SWEDISH MATCH AB UNSPONSORED ADR	3,559.	4,057.
SWIRE PAC LTD SPONSORED	7,789.	4,163.
SWISS RE LTD SPONSORED	3,346.	3,625.
SYKES ENTERPRISES INC	2,960.	2,863.
SYMRISE AG UNSPONSORED	5,834.	8,017.
SYNAPTICS INC	12,604.	21,594.
SYNCHRONY FINANCIAL	27,072.	30,718.
SYNDAX PHARMACEUTICALS INC	2,897.	4,359.

SYNEOS HEALTH INC CL A	333,996.	385,548.
SYNOPSYS INC	20,433.	67,143.
SYNOPSYS INC	105,766.	198,319.
SYROS PHARMACEUTICALS INC	2,987.	4,264.
SYSCO CORP	39,814.	63,047.
SYSTEMEX CORP UNSPONSORED	2,459.	3,429.
SYSTEMAX INC	3,348.	4,235.
T ROWE PRICE GROUP INC	31,221.	58,891.
TABULA RASA HEALTHCARE INC	7,414.	7,026.
TACTILE SYSTEMS TECHNOLOGY INC	3,662.	4,943.
TAIWAN SEMICONDUCTOR MANU CO LTD	26,614.	76,655.
TAKEDA PHARMACEUTICAL SPONSORED	5,572.	5,405.
TAKE-TWO INTERACTIVE SOFTWARE INC	20,602.	39,896.
TAL EDUCATION GROUP SPONSORED	3,011.	6,364.
TAPESTRY INC	16,979.	14,514.
TARGET CORP	64,193.	148,462.
TATA MOTORS LTD SPONSORED	12,643.	9,916.
TATNEFT PAO SPONSORED	1,597.	1,701.
TAYLOR MORRISON HOME CORP	1,223.	1,744.
TC ENERGY CORP	9,243.	7,452.
TCF FINANCIAL CORP	306,200.	288,312.
TDK CORP SPONSORED	9,716.	18,190.
TE CONNECTIVITY LIMITED	33,754.	64,651.
TEAMVIEWER AG UNSPONSORED	2,523.	2,525.
TECHNIPFMC LTD	24,273.	6,815.
TECHTARGET INC	4,722.	9,635.
TECHTRONIC INDS LTD SPONSORED	2,862.	6,422.
TELEDYNE TECHNOLOGIES INC	21,827.	26,655.
TELEFLEX INC	18,594.	30,045.
TELEFONICA SA SPONSORED	4,439.	1,903.
TELEKOMUNIKASI INDONESIA SPONSORED	7,899.	7,762.
TELENOR ASA SPONSORED	2,397.	1,938.
TELSTRA CORP SPONSORED	1,873.	1,685.
TELUS CORP	2,649.	2,930.
TENABLE HOLDINGS INC	16,148.	26,757.
TENCENT HLDGS LTD UNSPONSORED	343,647.	528,104.
TENCENT HLDGS LTD UNSPONSORED	32,491.	52,480.
TENCENT MUSIC ENTERTAIN SPONSORED	1,392.	1,712.
TENET HEALTHCARE CORP	1,280.	2,755.
TENNANT CO	7,158.	7,649.
TERADYNE INC	22,608.	35,487.
TERNA RETE ELETTRICA UNSPONSORED	2,887.	3,943.
TERRENO REALTY CORP	10,104.	11,526.
TESCO PLC SPONSORED	6,591.	7,707.
TESLA INC	879,818.	893,378.
TETRA TECH INC	32,182.	44,575.
TEVA PHARMACEUTICAL INDS SPONSORED	3,159.	1,438.
TEXAS INSTRUMENTS INC	92,436.	249,313.
TEXAS ROADHOUSE INC CL A	24,227.	35,016.
TEXAS ROADHOUSE INC CL A	271,268.	335,541.
TEXTRON INC	13,101.	15,079.
TG THERAPEUTICS INC	9,265.	36,414.
THALES SA UNSPONSORED	2,202.	2,185.
THE AARONS COMPANY INC	399.	569.
THE COCA-COLA COMPANY	2,435,387.	1,593,715,879.
THE HERSHEY COMPANY	24,050.	36,864.
THE JOINT CORP	2,978.	4,070.
THERAPEUTICSMD INC	3,238.	2,599.

THERAVANCE BIOPHARMA, INC	4,731.	4,745.
THERMO FISHER SCIENTIFIC INC	94,725.	306,017.
THOMSON REUTERS CORP	4,650.	8,353.
TIFFANY & CO	15,600.	22,478.
TIM SA SPONSORED	1,290.	1,211.
TIVITY HEALTH INC	1,983.	2,508.
TJX COS INC	74,670.	137,126.
T-MOBILE US INC	89,552.	134,445.
TOKIO MARINE HOLDINGS SPONSORED	3,196.	4,114.
TOKYO ELECTRON LTD UNSPONSORED	3,625.	8,891.
TOOTSIE ROLL INDS INC	3,295.	2,673.
TOPBUILD CORP	11,025.	42,707.
TORAY INDS INC UNSPONSORED	2,179.	1,344.
TORO CO	265,946.	407,338.
TORONTO DOMINION BANK	13,596.	13,766.
TOSHIBA CORP UNSPONSORED	5,342.	5,263.
TOTAL SE SPONSORED	11,586.	8,550.
TOYOTA MOTOR CORP SPONSORED	19,038.	24,422.
TPI COMPOSITES INC	6,289.	11,612.
TRACTOR SUPPLY CO	19,142.	29,381.
TRANE TECHNOLOGIES PLC	20,356.	60,822.
TRANSCAT INC	3,000.	4,162.
TRANSDIGM GROUP INC	28,750.	58,172.
TRANSLATE BIO INC	6,173.	9,012.
TRANSMEDICS GROUP INC	3,316.	3,801.
TRAVELERS COMPANIES INC	47,429.	58,254.
TRAVERE THERAPEUTICS INC	7,713.	10,275.
TREASURY WINE ESTATES LTD SPONSORED	10,648.	6,606.
TREND MICRO INC SPONSORED	4,075.	4,591.
TRICIDA INC	7,331.	1,720.
TRINET GROUP INC	12,208.	23,052.
TRINSEO SA	3,956.	4,250.
TRIP.COM GROUP LTD SPONSORED	2,291.	1,687.
TRONOX HOLDINGS PLC CL A	7,033.	3,904.
TRUIST FINANCIAL CORP	80,414.	107,267.
TRUPANION INC	5,320.	24,301.
TTEC HOLDINGS INC	5,957.	9,700.
TUCOWS INC CL A	3,635.	4,433.
TURKCELL ILETISIM HIZM SPONSORED	1,386.	1,288.
TURKIYE GARANTI BANKASI SPONSORED	4,101.	1,932.
TURNING POINT BRANDS INC	6,093.	6,996.
TURNING POINT THERAPEUTICS INC	16,806.	30,828.
TWIST BIOSCIENCE CORP	8,336.	31,366.
TWITTER INC	51,659.	71,261.
TYLER TECHNOLOGIES INC	20,326.	26,628.
TYSON FOODS INC CL A	25,716.	29,900.
UBISOFT ENTERTAINMENT SA UNSPONSORED	1,866.	2,060.
UBS GROUP AG	7,808.	6,528.
UDR INC	17,885.	19,292.
UFP INDUSTRIES INC	12,981.	19,220.
UIPATH INC	6,837.	6,837.
UIPATH INC	874.	1,367.
UIPATH INC	26,759.	59,348.
UIPATH INC	4,486.	9,950.
ULTA BEAUTY INC	19,591.	27,567.
ULTRA CLEAN HOLDINGS	6,042.	8,597.
ULTRAGENYX PHARMACEUTICAL INC	26,296.	58,141.
ULTRAPAR PARTICIPACOES SPONSORED	2,250.	2,147.

UMH PROPERTIES INC	3,005.	3,569.
UMICORE SA UNSPONSORED	5,863.	5,474.
UNDER ARMOUR INC CL C	22,491.	7,142.
UNDER ARMOUR INC-CL A	4,839.	4,893.
UNICHARM CORPORATION SPONSORED	4,880.	7,547.
UNICREDIT SPA UNSPONSORED	4,021.	2,283.
UNILEVER PLC SPONSORED	18,511.	18,832.
UNION PAC CORP	101,340.	231,957.
UNITED AIRLINES HOLDINGS INC	25,261.	18,468.
UNITED MICROELECTRONICS SPONSORED	4,463.	21,016.
UNITED OVERSEAS BANK-SPONSORED	9,933.	9,431.
UNITED PARCEL SERVICE CL B	124,239.	201,070.
UNITED RENTALS INC	8,441.	26,206.
UNITED UTILITIES GROUP SPONSORED	5,985.	6,447.
UNITEDHEALTH GROUP INC	211,174.	553,373.
UNITEDHEALTH GROUP INC	397,408.	546,009.
UNITI GROUP INC	11,800.	15,953.
UNITY BIOTECHNOLOGY INC	2,887.	1,949.
UNIVERSAL ELECTRONICS INC	3,145.	3,882.
UNIVERSAL HEALTH REALTY INCOME	6,220.	4,499.
UNIVERSAL HEALTH SERVICES INC	17,621.	20,075.
UNIVERSAL TECHNICAL INSTITUTE INC	2,853.	2,771.
UNUM GROUP	12,734.	8,557.
UPLAND SOFTWARE INC	5,814.	8,306.
UPM KYMMENE OYJ UNSPONSORED	3,220.	3,448.
UPWORK INC	10,025.	22,300.
UROGEN PHARMA LTD	3,656.	2,036.
US BANCORP	102,784.	107,343.
US PHYSICAL THERAPY INC	10,528.	10,101.
USANA HEALTH SCIENCES INC	7,396.	5,397.
V.F. CORP	33,447.	43,730.
VAIL RESORTS INC	143,661.	197,783.
VALE S.A. SPONSORED	3,997.	5,983.
VALEO SA-SPONSORED	3,346.	2,489.
VALERO ENERGY CORP	41,339.	36,205.
VANGUARD INTERNATIONAL GROWTH FUND	5,827,926.	8,351,472.
VANGUARD SMALL-CAP VALUE INDEX FUND	5,818,958.	6,434,507.
VANGUARD VALUE ETF	19,637,707.	19,763,539.
VAPOTHERM INC	5,352.	3,572.
VARIAN MEDICAL SYSTEMS INC	10,329.	26,602.
VARONIS SYSTEMS INC	11,459.	35,503.
VAXART INC	4,901.	2,307.
VAXCYTE INC	3,953.	2,763.
VBI VACCINES INC	3,542.	3,248.
VECTOR GROUP LTD	2,255.	2,680.
VEDANTA LTD SPONSORED	13,248.	11,353.
VENTAS INC	36,316.	31,288.
VEOLIA ENVIRONNEMENT SPONSORED	3,069.	3,205.
VERACYTE INC	10,978.	19,723.
VERICEL CORP	3,915.	9,388.
VERINT SYS INC	11,108.	13,436.
VERISIGN INC	15,308.	34,840.
VERISK ANALYTICS INC	22,555.	56,464.
VERITONE INC	3,089.	5,121.
VERIZON COMMUNICATIONS INC	160,152.	403,730.
VERRA MOBILITY CORP	12,390.	13,138.
VERTEX PHARMACEUTICALS INC	58,456.	105,171.
VERTEX PHARMACEUTICALS INC	178,246.	303,697.

VERU INC	1,185.	3,183.
VESTAS WIND SYSTEMS UNSPONSORED	2,794.	7,275.
VIACOMCBS INC CL B	55,035.	35,322.
VIATRIS INC	24,484.	38,417.
VIAVI SOLUTIONS INC	23,026.	24,439.
VICOR CORP	3,047.	11,989.
VIELA BIO INC	4,541.	5,288.
VIEMED HEALTHCARE INC	2,886.	2,181.
VIEWRAY INC	3,876.	1,601.
VINCI SA UNSPONSORED	7,381.	7,626.
VIPSHOP HLDGS LTD SPONSORED	3,704.	5,987.
VIR BIOTECHNOLOGY INC	14,172.	9,694.
VIRNETX HOLDING	2,869.	1,981.
VIRTUSA CORP	6,827.	9,510.
VISA INC CL A	225,922.	616,819.
VISA INC CL A	436,280.	1,097,587.
VISTEON CORP	12,452.	24,225.
VIVENDI SA UNSPONSORED	3,557.	4,526.
VIVINT SMART HOME INC	2,934.	3,652.
VOCERA COMMUNICATIONS INC	5,586.	7,725.
VODAFONE GROUP PLC	8,863.	5,059.
VOLKSWAGEN AG UNSPONSORED	3,707.	4,208.
VOLVO AB B SHS UNSPONSORED	2,194.	2,732.
VONAGE HOLDINGS CORP	6,257.	11,922.
VONTIER CORP	4,298.	7,816.
VORNADO REALTY TRUST	23,378.	10,642.
VOYA FINANCIAL INC	333,906.	347,979.
VOYAGER THERAPEUTICS INC	4,522.	1,666.
VULCAN MATERIALS CO	21,514.	32,332.
WABTEC CORP	22,906.	23,204.
WAITR HOLDINGS INC	3,225.	2,558.
WAL MART DE MEXICO SPONSORED	4,094.	3,771.
WALGREENS BOOTS ALLIANCE INC	102,532.	49,810.
WALMART INC	140,613.	331,545.
WASTE MANAGEMENT INC	37,376.	76,065.
WATERS CORP	13,566.	25,979.
WATTS WATER TECHNOLOGIES INC	7,323.	9,979.
WAVE LIFE SCIENCES LTD	2,938.	874.
WAYMO LLC	20,608.	20,609.
WD 40 CO	15,879.	23,646.
WEC ENERGY GROUP INC	28,964.	46,383.
WELBILT INC	3,310.	2,640.
WELLS FARGO & CO	352,317.	206,129.
WELLTOWER INC	49,298.	46,979.
WERNER ENTERPRISES INC	16,055.	14,747.
WESFARMERS LIMITED UNSPONSORED	8,657.	13,161.
WEST BANCORPORATION INC	3,061.	3,493.
WEST JAPAN RAILWAY CO UNSPONSORED	2,315.	1,783.
WEST PHARMACEUTICAL SVCS INC	24,902.	33,431.
WESTERN ALLIANCE BANCORPORATION	351,260.	403,643.
WESTERN ASSET FDS INC CORE PLUS BD	9,106,901.	9,250,384.
WESTERN DIGITAL CORP	32,042.	30,963.
WESTERN UNION CO	15,014.	16,806.
WESTPAC BKG CORP SPONSORED	11,611.	7,942.
WESTROCK CO	20,620.	18,283.
WEYERHAEUSER CO	33,639.	39,532.
WH GROUP LTD SPONSORED	1,297.	1,251.
WHARF HLDGS LTD UNSPONSORED	1,169.	1,753.

WHEATON PRECIOUS METALS CORP	1,441.	3,673.
WHIRLPOOL CORPORATION	14,838.	16,966.
WIDOPENWEST INC	3,363.	3,574.
WILLIAMS COS INC	66,974.	41,403.
WILLIS TOWERS WATSON PLC	26,638.	46,771.
WILLSCOT MOBILE MINI HOLDINGS CORP	6,114.	9,824.
WINGSTOP INC	19,816.	25,317.
WINNEBAGO INDS INC	11,842.	13,007.
WIPRO LTD SPONSORED	8,026.	11,814.
WIX COM LTD	84,485.	78,487.
WIX COM LTD	1,264.	2,500.
WM MORRISON SUPERMARKETS UNSPONSORED	6,882.	5,595.
WOLTERS KLUWER NV SPONSORED	3,193.	5,960.
WOODSIDE PETROLEUM SPONSORED	9,252.	6,887.
WOORI FINANCIAL GROUP INC SPONSORED	16,057.	11,637.
WORKIVA INC CL A	13,195.	26,753.
WPP PLC SPONSORED	3,087.	1,785.
WR BERKLEY CORP	17,333.	16,871.
WUXI BIOLOGICS CAYMAN UNSPONSORED	2,685.	6,709.
WW INTERNATIONAL INC	2,954.	2,879.
WYNN RESORTS LTD	13,698.	17,714.
XCEL ENERGY INC	32,550.	57,936.
XENCOR INC	15,455.	16,405.
XERIS PHARMACEUTICALS INC	450.	1,186.
XEROX HOLDINGS CORP	9,302.	8,186.
XIAOMI CORP UNSPONSORED	2,638.	10,065.
XILINX INC	22,063.	58,267.
XOMA CORP	1,469.	2,780.
XP INC	64,855.	70,018.
XPEL INC	1,814.	5,929.
XYLEM INC	10,808.	30,232.
YANZHOU COAL SPONSORED	3,150.	2,362.
YARA INTERNATIONAL SPONSORED	1,986.	1,789.
YASKAWA ELECTRIC CORP UNSPONSORED	7,777.	12,028.
YELP INC	2,070.	1,764.
YETI HOLDINGS INC	19,383.	36,768.
YEXT INC	14,707.	11,664.
Y-MABS THERAPEUTICS INC	6,482.	10,298.
YORK WATER CO	3,978.	4,194.
YUM CHINA HOLDINGS INC	2,875.	4,396.
YUM! BRANDS INC	26,262.	55,148.
Z HOLDINGS CORP UNSPONSORED	2,391.	3,224.
ZAI LAB LTD SPONSORED	2,456.	4,466.
ZALANDO SE UNSPONSORED	2,530.	5,854.
ZEBRA TECHNOLOGIES CORP	21,715.	33,052.
ZEBRA TECHNOLOGIES CORP	160,876.	576,879.
ZENTALIS PHARMACEUTICALS INC	3,207.	3,480.
ZIMMER BIOMET HOLDINGS INC	37,239.	52,391.
ZIONS BANCORPORATION NA	5,643.	8,340.
ZIOPHARM ONCOLOGY INC	5,562.	2,442.
ZIX CORPORATION	3,114.	2,787.
ZOETIS INC	39,264.	133,228.
ZOGENIX INC	15,560.	7,736.
ZTO EXPRESS CAYMAN INC	3,622.	3,237.
ZUORA INC CL A	9,927.	9,291.
ZURICH INSURANCE GROUP SPONSORED	8,756.	12,328.
ZYNEX INC	2,891.	1,686.

Total to Form 990-PF, Part II, line 10b	118,288,399.	1,760,415,272.
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Form 990-PF	Depreciation of Assets Not Held for Investment	Statement 11
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Description	Cost or Other Basis	Accumulated Depreciation	Book Value
AV EQUIPMENT	2,519.	2,519.	0.
FURNITURE AND EQUIPMENT	39,675.	39,675.	0.
LEASEHOLD IMPROVEMENTS	19,220.	11,979.	7,241.
Total To Fm 990-PF, Part II, ln 14	61,414.	54,173.	7,241.

Form 990-PF	Other Assets	Statement 12
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Description	Beginning of Yr Book Value	End of Year Book Value	Fair Market Value
457(b) PLAN	89,420.	90,338.	157,651.
BENEFIT PLANS	3,108.	4,083.	4,085.
To Form 990-PF, Part II, line 15	92,528.	94,421.	161,736.

Form 990-PF	Other Liabilities	Statement 13
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Description	BOY Amount	EOY Amount
457(b) PLAN	6,642.	331.
BENEFIT PLANS	0.	30.
Total to Form 990-PF, Part II, line 22	6,642.	361.

Form 990-PF	Explanation Concerning Part VII-A, Line 12 Qualifying Distribution Statement	Statement 14
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Explanation

These payments are treated as qualifying distributions.

Explanation

The Foundation paid \$15,000,042 to the Community Foundation for Greater Atlanta to benefit Achieve Atlanta, an initiative to improve post-secondary success of students graduating from Atlanta Public Schools (APS).

Housed at the Community Foundation, Achieve Atlanta operates an advising program in APS high schools and provides need-based scholarships for APS graduates to attend college or technical school. Because Achieve Atlanta's mission includes making multi-year commitments to graduating APS students, it must have the ability to draw on significant financial resources to assure the community it can meet its forward commitments. The Community Foundation's Joseph B. Whitehead Fund maintains resources sufficient to meet Achieve Atlanta's obligations. The Foundation's \$15,000,042 grant in 2020 is roughly equivalent to Achieve Atlanta's annual spending on college advising services, scholarships and administration.

Achieve Atlanta expects to fully spend the Foundation's grant by 2022. Although the Foundation is an advisor, the Community Foundation has ultimate authority over the disbursement of funds.

Form 990-PF

Part VIII - List of Officers, Directors
Trustees and Foundation Managers

Statement 16

Name and Address	Title and Avrg Hrs/Wk	Compen- sation	Employee Ben Plan Contrib	Expense Account
James B. Williams 191 Peachtree St., Suite 3540 Atlanta, GA 30303	Trustee- Chair 1.00	Emeritus 25,000.	1,035.	0.
E. Jenner Wood, III 191 Peachtree St., Suite 3540 Atlanta, GA 30303	Trustee- Chair 3.00	35,000.	1,035.	0.
Lawrence L. Gellerstedt, III 191 Peachtree St., Suite 3540 Atlanta, GA 30303	Trustee 1.00	25,000.	1,035.	0.
P. Russell Hardin 191 Peachtree St., Suite 3540 Atlanta, GA 30303	President 8.00	109,395.	25,586.	471.
Erik S. Johnson 191 Peachtree St., Suite 3540 Atlanta, GA 30303	Secretary & Treasurer 8.00	55,539.	13,980.	306.
Totals included on 990-PF, Page 6, Part VIII		249,934.	42,671.	777.

Form 990-PF

Reduction Explanation
Part X, Line 1e

Statement 17

Explanation for Reduction Claimed for Blockage or Other Factors

As of December 31, 2020 the Foundation owned 29,061,194 shares of The Coca-Cola Company common stock. These represent approximately .68% of the total 4,302 million shares outstanding. The fair value computed on the per-share price is not necessarily what the Foundation would receive if a significant portion of the stock were sold because of the Foundation's large holding. The Foundation engaged an independent valuation consultant who calculated a blockage discount factor of 1.95%. The average monthly fair value of the shares based on the per-share price was \$1,451,368,991 and the blockage discount was \$28,301,695. $\$1,451,368,991 @ 1.95\% = \$28,301,695$

Name and Address of Person to Whom Applications Should be Submitted

P. Russell Hardin, President
191 Peachtree St., Suite 3540
Atlanta, GA 30303

Telephone Number

404-522-6755

Form and Content of Applications

Application form not required. Proposals should be submitted via the Foundation's online application portal on its website. Before submitting a formal grant request, prospective grantees are encouraged to submit an informal inquiry to fdns@woodruff.org. The grant request should be made in letter form and include the following information:

- A description of the organization, its purposes, programs, staffing and governing board
- The organization's latest financial statements including the most recent audit report
- A description of the proposed project and full justification for its funding
- An itemized project budget, including other sources of support in hand or anticipated

Any Submission Deadlines

Grants are considered in April and November for requests received by February 1 and August 15.

Restrictions and Limitations on Awards

Grants are made to public charities that provide a full range of basic human services to citizens of metropolitan Atlanta. The Foundation has a particular interest in supporting organizations that serve children and youth. In recent years, the Foundation has concentrated a significant portion of its giving on improving the quality and accessibility of early childhood development programs in metropolitan Atlanta. Grants are reserved for well-established public charities with a broad base of community support. The Foundation provides support for capital projects and programmatic expenses. No grants are made to individuals.

Form 990-PF

Grant Application Submission Information
Part XV, Lines 2a - 2d (Continuation)

Statement 19

Form and Content of Applications

- Evidence from the IRS of the organization's tax-exempt status and that the applying organization itself is not a private foundation.

2020 DEPRECIATION AND AMORTIZATION REPORT

Form 990-PF Page 1

990-PF

Asset No.	Description	Date Acquired	Method	Life	C o n v	Line No.	Unadjusted Cost Or Basis	Bus % Excl	Section 179 Expense	* Reduction In Basis	Basis For Depreciation	Beginning Accumulated Depreciation	Current Sec 179 Expense	Current Year Deduction	Ending Accumulated Depreciation
1	AV EQUIPMENT	07/01/11	SL	5.00		16	2,519.				2,519.	2,519.		0.	2,519.
2	FURNITURE AND EQUIPMENT	07/01/11	SL	7.00		16	39,675.				39,675.	39,675.		0.	39,675.
3	LEASEHOLD IMPROVEMENTS	07/01/11	SL	15.00		16	19,220.				19,220.	10,698.		1,281.	11,979.
	* Total 990-PF Pg 1 Depr						61,414.				61,414.	52,892.		1,281.	54,173.