

Schedule of Investments (unaudited)

June 30, 2017



TIAA Separate Account VA-1

Stock Index Account

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TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

**TIAA SEPARATE ACCOUNT VA-1
STOCK INDEX ACCOUNT
SCHEDULE OF INVESTMENTS (unaudited)
June 30, 2017**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE (000)</u>
COMMON STOCKS - 100.3%		
AUTOMOBILES & COMPONENTS - 1.0%		
3,669	Adient plc	\$ 240
3,248	American Axle & Manufacturing Holdings, Inc	51
8,277	BorgWarner, Inc	351
2,087	Cooper Tire & Rubber Co	75
671	Cooper-Standard Holding, Inc	68
5,567	Dana Holding Corp	124
10,482	Delphi Automotive plc	919
1,044	Dorman Products, Inc	86
152,398	Ford Motor Co	1,705
1,363	Fox Factory Holding Corp	49
53,659	General Motors Co	1,874
11,053	Gentex Corp	210
1,424	Gentherm, Inc	55
9,809	Goodyear Tire & Rubber Co	343
6,846	Harley-Davidson, Inc	370
799	Horizon Global Corp	11
938	LCI Industries, Inc	96
2,691	Lear Corp	382
1,945	Modine Manufacturing Co	32
670	Motorcar Parts of America, Inc	19
313	Shiloh Industries, Inc	4
1,379	Spartan Motors, Inc	12
843	Standard Motor Products, Inc	44
1,055	Stoneridge, Inc	16
1,027	Superior Industries International, Inc	21
2,045	Tenneco, Inc	118
5,089	Tesla, Inc	1,840
1,931	Thor Industries, Inc	202
897	Tower International, Inc	20
1,283	Visteon Corp	131
799	VOXX International Corp (Class A)	7
1,185	Winnebago Industries, Inc	42
	TOTAL AUTOMOBILES & COMPONENTS	<u>9,517</u>
BANKS - 6.8%		
625	1st Source Corp	30
486	Access National Corp	13
255	ACNB Corp	8
444	Allegiance Bancshares, Inc	17
374	American National Bankshares, Inc	14
1,390	Ameris Bancorp	67
387	Ames National Corp	12
390	Arrow Financial Corp	12
106	ASB Bancorp, Inc	5
5,921	Associated Banc-Corp	149

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
3,666		Astoria Financial Corp	\$ 74
706	*	Atlantic Capital Bancshares, Inc	13
1,598	e	Banc of California, Inc	34
333		Bancfirst Corp	32
1,284		Banco Latinoamericano de Exportaciones S.A. (Class E)	35
3,345		Bancorpsouth, Inc	102
1,617		Bank Mutual Corp	15
390,297		Bank of America Corp	9,468
601	*	Bank of Commerce Holdings	7
1,630		Bank of Hawaii Corp	135
234		Bank of Marin Bancorp	14
2,093		Bank of NT Butterfield & Son Ltd	71
4,451		Bank of the Ozarks, Inc	209
457		BankFinancial Corp	7
4,119		BankUnited	139
217		Bankwell Financial Group, Inc	7
1,278		Banner Corp	72
622		Bar Harbor Bankshares	19
31,719		BB&T Corp	1,440
361		BCB Bancorp, Inc	6
573		Bear State Financial, Inc	5
2,708		Beneficial Bancorp, Inc	41
1,314		Berkshire Hills Bancorp, Inc	46
901		Blue Hills Bancorp, Inc	16
2,322	*,e	Bofl Holding, Inc	55
973		BOK Financial Corp	82
3,231		Boston Private Financial Holdings, Inc	50
683		Bridge Bancorp, Inc	23
2,984		Brookline Bancorp, Inc	44
630		Bryn Mawr Bank Corp	27
334	*	BSB Bancorp, Inc	10
131		C&F Financial Corp	6
321	*	Cadence BanCorp	7
613		Camden National Corp	26
1		Canadian Imperial Bank of Commerce/Canada	0^
1,131		Capital Bank Financial Corp	43
447		Capital City Bank Group, Inc	9
5,027		Capitol Federal Financial	71
314	*	Capstar Financial Holdings, Inc	6
555		Carolina Financial Corp	18
2,923		Cathay General Bancorp	111
2,100		Centerstate Banks of Florida, Inc	52
1,125		Central Pacific Financial Corp	35
383		Central Valley Community Bancorp	9
152		Century Bancorp, Inc	10
504		Charter Financial Corp	9
2,638		Chemical Financial Corp	128
122		Chemung Financial Corp	5
7,911		CIT Group, Inc	385
107,949		Citigroup, Inc	7,220
533		Citizens & Northern Corp	12
19,834		Citizens Financial Group, Inc	708
597		City Holding Co	39

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
377		Civista Bancshares, Inc	\$ 8
856		Clifton Bancorp, Inc	14
498		CNB Financial Corp	12
1,467		CoBiz, Inc	26
326		Codorus Valley Bancorp, Inc	9
2,323		Columbia Banking System, Inc	93
6,913		Comerica, Inc	506
3,487		Commerce Bancshares, Inc	198
254	*,e	Commerce Union Bancshares, Inc	6
1,925		Community Bank System, Inc	107
837	*	Community Bankers Trust Corp	7
153	*	Community Financial Corp	6
651		Community Trust Bancorp, Inc	28
1,146		ConnectOne Bancorp, Inc	26
206		County Bancorp, Inc	5
673	*	CU Bancorp	24
2,189		Cullen/Frost Bankers, Inc	206
1,005	*	Customers Bancorp, Inc	28
4,043		CVB Financial Corp	91
1,325		Dime Community Bancshares	26
113		DNB Financial Corp	4
1,262	*	Eagle Bancorp, Inc	80
5,625		East West Bancorp, Inc	330
192	*	Entegra Financial Corp	4
314		Enterprise Bancorp, Inc	11
828		Enterprise Financial Services Corp	34
402	*	Equity Bancshares, Inc	12
342		ESSA Bancorp, Inc	5
2,998	*	Essent Group Ltd	111
171		Evans Bancorp, Inc	7
178		Farmers & Merchants Bancorp, Inc	11
298		Farmers Capital Bank Corp	12
1,013		Farmers National Banc Corp	15
246	*	FB Financial Corp	9
1,363	*	FCB Financial Holdings, Inc	65
384		Federal Agricultural Mortgage Corp (Class C)	25
863		Fidelity Southern Corp	20
29,398		Fifth Third Bancorp	763
527		Financial Institutions, Inc	16
936		First Bancorp (NC)	29
6,201	*	First Bancorp (Puerto Rico)	36
498		First Bancorp, Inc	13
322		First Bancshares, Inc	9
1,277		First Busey Corp	37
360		First Business Financial Services, Inc	8
295		First Citizens Bancshares, Inc (Class A)	110
3,678		First Commonwealth Financial Corp	47
680		First Community Bancshares, Inc	19
503	*	First Community Financial Partners, Inc	7
542		First Connecticut Bancorp	14
368		First Defiance Financial Corp	19
2,385		First Financial Bancorp	66
2,466	e	First Financial Bankshares, Inc	109

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
384	First Financial Corp	\$ 18
175	First Financial Northwest, Inc	3
1,098	* First Foundation, Inc	18
148	First Guaranty Bancshares, Inc	4
2,091	First Hawaiian, Inc	64
9,145	First Horizon National Corp	159
228	First Internet Bancorp	6
951	First Interstate Bancsystem, Inc	35
1,580	First Merchants Corp	63
380	First Mid-Illinois Bancshares, Inc	13
3,920	First Midwest Bancorp, Inc	91
327	* First Northwest Bancorp	5
862	First of Long Island Corp	25
6,119	First Republic Bank	613
890	* Flagstar Bancorp, Inc	27
1,083	Flushing Financial Corp	31
190	* FNB Bancorp	5
12,570	FNB Corp	178
389	* Franklin Financial Network, Inc	16
6,701	Fulton Financial Corp	127
903	German American Bancorp, Inc	31
2,999	Glacier Bancorp, Inc	110
412	Great Southern Bancorp, Inc	22
2,200	Great Western Bancorp, Inc	90
688	* Green Bancorp, Inc	13
113	Greene County Bancorp, Inc	3
913	Guaranty Bancorp	25
3,286	Hancock Holding Co	161
1,297	Hanmi Financial Corp	37
406	* HarborOne Bancorp, Inc	8
953	Heartland Financial USA, Inc	45
1,355	Heritage Commerce Corp	19
1,150	Heritage Financial Corp	30
2,919	Hilltop Holdings, Inc	77
57	Hingham Institution for Savings	10
238	Home Bancorp, Inc	10
4,991	Home Bancshares, Inc	124
698	* HomeStreet, Inc	19
667	* HomeTrust Bancshares, Inc	16
5,041	Hope Bancorp, Inc	94
806	Horizon Bancorp	21
323	* Howard Bancorp, Inc	6
42,297	Huntington Bancshares, Inc	572
1,963	IBERIABANK Corp	160
350	* Impac Mortgage Holdings, Inc	5
1,031	Independent Bank Corp (MA)	69
863	Independent Bank Corp (MI)	19
679	Independent Bank Group, Inc	40
2,138	International Bancshares Corp	75
299	* Investar Holding Corp	7
10,225	Investors Bancorp, Inc	137
138,588	JPMorgan Chase & Co	12,667
3,353	Kearny Financial Corp	50

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
42,498		Keycorp	\$ 796
1,629		Lakeland Bancorp, Inc	31
976		Lakeland Financial Corp	45
378		LCNB Corp	8
1,826		LegacyTexas Financial Group, Inc	70
263	*	LendingTree, Inc	45
833	e	Live Oak Bancshares, Inc	20
5,658		M&T Bank Corp	916
1,072		Macatawa Bank Corp	10
946		MainSource Financial Group, Inc	32
236	*	Malvern Bancorp, Inc	6
3,131		MB Financial, Inc	138
540		MBT Financial Corp	5
640		Mercantile Bank Corp	20
1,997		Meridian Bancorp, Inc	34
345		Meta Financial Group, Inc	31
14,392	*	MGIC Investment Corp	161
96	e	Middlefield Banc Corp	5
582		Midland States Bancorp, Inc	20
334		Midsouth Bancorp, Inc	4
406		MidWestOne Financial Group, Inc	14
213		MutualFirst Financial, Inc	8
984		National Bank Holdings Corp	33
257	e	National Bankshares, Inc	10
405	*	National Commerce Corp	16
1,121	*	Nationstar Mortgage Holdings, Inc	20
1,661		NBT Bancorp, Inc	61
18,627		New York Community Bancorp, Inc	245
301	*	Nicolet Bankshares, Inc	16
2,265	*	NMI Holdings, Inc	26
256		Northeast Bancorp	5
1,643		Northfield Bancorp, Inc	28
280		Northrim BanCorp, Inc	9
3,683		Northwest Bancshares, Inc	58
149	*,e	Norwood Financial Corp	6
1,226		OceanFirst Financial Corp	33
1,902	e	OFG Bancorp	19
160		Ohio Valley Banc Corp	6
361		Old Line Bancshares, Inc	10
4,858		Old National Bancorp	84
127		Old Point Financial Corp	4
1,237		Old Second Bancorp, Inc	14
796		Opus Bank	19
1,420		Oritani Financial Corp	24
297		Orrstown Financial Services, Inc	7
860		Pacific Continental Corp	22
589	*	Pacific Mercantile Bancorp	5
1,516	*	Pacific Premier Bancorp, Inc	56
4,710		PacWest Bancorp	220
159	*	Paragon Commercial Corp	8
529		Park National Corp	55
2,151		Park Sterling Bank	26
180	*	Parke Bancorp, Inc	4

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
696	*	PCSB Financial Corp	\$ 12
642		Peapack Gladstone Financial Corp	20
221		Penns Woods Bancorp, Inc	9
575	*	PennyMac Financial Services, Inc	10
159		Peoples Bancorp of North Carolina, Inc	5
595		Peoples Bancorp, Inc	19
333		Peoples Financial Services Corp	15
13,413		People's United Financial, Inc	237
521		People's Utah Bancorp	14
2,087	*	PHH Corp	29
2,813		Pinnacle Financial Partners, Inc	177
18,955		PNC Financial Services Group, Inc	2,367
3,900		Popular, Inc	163
510		Preferred Bank	27
377		Premier Financial Bancorp, Inc	8
2,586		Prosperity Bancshares, Inc	166
168	*	Provident Bancorp, Inc	4
251		Provident Financial Holdings, Inc	5
2,502		Provident Financial Services, Inc	64
279		Prudential Bancorp, Inc	5
472		QCR Holdings, Inc	22
8,421		Radian Group, Inc	138
47,044		Regions Financial Corp	689
1,629		Renasant Corp	71
364		Republic Bancorp, Inc (Class A)	13
1,873	*,e	Republic First Bancorp, Inc	17
671		Riverview Bancorp, Inc	4
1,349		S&T Bancorp, Inc	48
910		Sandy Spring Bancorp, Inc	37
1,542	*	Seacoast Banking Corp of Florida	37
1,876		ServisFirst Bancshares, Inc	69
497		Shore Bancshares, Inc	8
475		SI Financial Group, Inc	8
370		Sierra Bancorp	9
2,094	*	Signature Bank	301
1,210		Simmons First National Corp (Class A)	64
275	*	SmartFinancial, Inc	7
1,122		South State Corp	96
228	*	Southern First Bancshares, Inc	8
231		Southern Missouri Bancorp, Inc	7
454		Southern National Bancorp of Virginia, Inc	8
1,069		Southside Bancshares, Inc	37
740		Southwest Bancorp, Inc	19
1,460		State Bank & Trust Co	40
5,200		Sterling Bancorp/DE	121
922		Stock Yards Bancorp, Inc	36
534		Stonegate Bank	25
394		Summit Financial Group, Inc	9
385		Sun Bancorp, Inc	10
272	*	Sunshine Bancorp, Inc	6
18,922		SunTrust Banks, Inc	1,073
2,051	*	SVB Financial Group	361
4,801		Synovus Financial Corp	212

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
6,199	TCF Financial Corp	\$ 99
286	Territorial Bancorp, Inc	9
1,930	* Texas Capital Bancshares, Inc	149
2,029	TFS Financial Corp	31
1,514	* The Bancorp, Inc	11
232	Timberland Bancorp, Inc	6
573	Tompkins Trustco, Inc	45
2,219	TowneBank	68
782	Trico Bancshares	28
943	* Tristate Capital Holdings, Inc	24
657	* Triumph Bancorp, Inc	16
3,358	Trustco Bank Corp NY	26
2,619	Trustmark Corp	84
275	e Two River Bancorp	5
1,796	UMB Financial Corp	134
8,613	Umpqua Holdings Corp	158
1,678	Union Bankshares Corp	57
161	e Union Bankshares, Inc	8
3,861	United Bankshares, Inc	151
2,711	United Community Banks, Inc	75
1,829	United Community Financial Corp	15
2,065	United Financial Bancorp, Inc (New)	34
510	* United Security Bancshares	5
266	Unity Bancorp, Inc	5
1,012	Univest Corp of Pennsylvania	30
62,015	US Bancorp	3,220
10,196	Valley National Bancorp	120
558	* Veritex Holdings, Inc	15
1,098	* Walker & Dunlop, Inc	54
3,506	Washington Federal, Inc	116
581	Washington Trust Bancorp, Inc	30
333	WashingtonFirst Bankshares, Inc	12
1,032	Waterstone Financial, Inc	19
3,586	Webster Financial Corp	187
176,145	Wells Fargo & Co	9,760
1,636	WesBanco, Inc	65
597	West Bancorporation, Inc	14
1,024	e Westamerica Bancorporation	57
3,836	* Western Alliance Bancorp	189
1,021	Western New England Bancorp, Inc	10
2,157	Wintrust Financial Corp	165
8,517	* WMIH Corp	11
1,176	WSFS Financial Corp	53
225	* Xenith Bankshares, Inc	7
7,904	Zions Bancorporation	347
	TOTAL BANKS	<u>67,548</u>
CAPITAL GOODS - 7.7%		
22,720	3M Co	4,730
5,681	A.O. Smith Corp	320
1,675	Aaon, Inc	62
1,251	AAR Corp	43
2,301	Actuant Corp (Class A)	57

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,721	Acuity Brands, Inc	\$ 350
1,431	Advanced Drainage Systems, Inc	29
5,997	* Aecom Technology Corp	194
1,316	* Aegion Corp	29
2,671	* Aerojet Rocketdyne Holdings, Inc	56
831	* Aerovironment, Inc	32
2,620	AGCO Corp	177
3,762	Air Lease Corp	141
1,949	Aircastle Ltd	42
374	Alamo Group, Inc	34
1,111	Albany International Corp (Class A)	59
3,696	Allieion plc	300
205	Allied Motion Technologies, Inc	6
5,148	Allison Transmission Holdings, Inc	193
1,121	Altra Holdings, Inc	45
909	* Ameresco, Inc	7
324	e American Railcar Industries, Inc	12
568	* American Woodmark Corp	54
8,968	Ametek, Inc	543
1,095	Apogee Enterprises, Inc	62
1,503	Applied Industrial Technologies, Inc	89
15,274	Arconic, Inc	346
555	Argan, Inc	33
822	* Armstrong Flooring, Inc	15
1,735	* Armstrong World Industries, Inc	80
823	Astec Industries, Inc	46
810	* Astronics Corp	25
1,239	* Atkore International Group, Inc	28
2,036	*,e Axon Enterprise, Inc	51
1,059	AZZ, Inc	59
1,864	* Babcock & Wilcox Enterprises, Inc	22
1,953	Barnes Group, Inc	114
2,363	* Beacon Roofing Supply, Inc	116
279	* Blue Bird Corp	5
2,534	* BMC Stock Holdings, Inc	55
22,283	Boeing Co	4,406
1,640	Briggs & Stratton Corp	40
3,625	* Builders FirstSource, Inc	56
3,699	BWX Technologies, Inc	180
883	* Caesarstone Sdot-Yam Ltd	31
520	* CAI International, Inc	12
2,450	Carlisle Cos, Inc	234
22,245	Caterpillar, Inc	2,390
1,264	* Chart Industries, Inc	44
3,897	e Chicago Bridge & Iron Co NV	77
647	CIRCOR International, Inc	38
3,463	* Colfax Corp	136
840	Columbus McKinnon Corp	21
1,470	Comfort Systems USA, Inc	55
945	* Commercial Vehicle Group, Inc	8
1,524	* Continental Building Products Inc	36
1,950	Crane Co	155
554	* CSW Industrials, Inc	21

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,041		Cubic Corp	\$ 48
6,203		Cummins, Inc	1,006
1,720		Curtiss-Wright Corp	158
12,450		Deere & Co	1,539
2,400	*	DigitalGlobe, Inc	80
535		DMC Global, Inc	7
5,224		Donaldson Co, Inc	238
932		Douglas Dynamics, Inc	31
6,009		Dover Corp	482
485	*	Ducommun, Inc	15
567	*	DXP Enterprises, Inc	20
1,212	*	Dycom Industries, Inc	109
174		Eastern Co	5
17,487		Eaton Corp	1,361
2,290		EMCOR Group, Inc	150
25,164		Emerson Electric Co	1,500
840		Encore Wire Corp	36
648	*,e	Energous Corp	11
1,368	*	Energy Recovery, Inc	11
1,701		EnerSys	123
788	*	Engility Holdings, Inc	22
830		EnPro Industries, Inc	59
137		EnviroStar, Inc	4
4,653		Equifax, Inc	639
995		ESCO Technologies, Inc	59
1,019	*	Esterline Technologies Corp	97
11,310		Fastenal Co	492
2,292		Federal Signal Corp	40
5,094		Flowserve Corp	237
5,480		Fluor Corp	251
12,008		Fortive Corp	761
6,027		Fortune Brands Home & Security, Inc	393
499	*	Foundation Building Materials, Inc	6
1,724		Franklin Electric Co, Inc	71
635		Freightcar America, Inc	11
1,617	*	Gardner Denver Holdings, Inc	35
1,474		GATX Corp	95
277	*	Gencor Industries, Inc	4
2,385	*	Generac Holdings, Inc	86
1,836		General Cable Corp	30
10,138		General Dynamics Corp	2,008
340,645		General Electric Co	9,201
1,244	*	Gibraltar Industries, Inc	44
870		Global Brass & Copper Holdings, Inc	27
922	*	GMS, Inc	26
678		Gorman-Rupp Co	17
2,130		Graco, Inc	233
470		Graham Corp	9
1,549		Granite Construction, Inc	75
2,253	*	Great Lakes Dredge & Dock Corp	10
1,065	e	Greenbrier Cos, Inc	49
1,120		Griffon Corp	25
1,293		H&E Equipment Services, Inc	26

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
423		Hardinge, Inc	\$ 5
3,062	*	Harsco Corp	49
1,580	*	HC2 Holdings, Inc	9
7,822	*	HD Supply Holdings, Inc	240
977		HEICO Corp	70
1,891		HEICO Corp (Class A)	117
981	*	Herc Holdings, Inc	39
3,542		Hexcel Corp	187
2,415		Hillenbrand, Inc	87
29,834		Honeywell International, Inc	3,977
2,111		Hubbell, Inc	239
1,767		Huntington Ingalls	329
316		Hurco Cos, Inc	11
823	*	Huttig Building Products, Inc	6
404		Hyster-Yale Materials Handling, Inc	28
3,011		IDEX Corp	340
298	*	IES Holdings, Inc	5
11,889		Illinois Tool Works, Inc	1,703
10,005		Ingersoll-Rand plc	914
716		Insteel Industries, Inc	24
3,480		ITT, Inc	140
4,688		Jacobs Engineering Group, Inc	255
879	*	JELD-WEN Holding, Inc	29
1,200		John Bean Technologies Corp	118
36,589		Johnson Controls International plc	1,587
433		Kadant, Inc	33
1,040		Kaman Corp	52
5,716		KBR, Inc	87
3,108		Kennametal, Inc	116
1,868	*	KEYW Holding Corp, The	17
2,010	*	KLX, Inc	101
2,746	*	Kratos Defense & Security Solutions, Inc	33
3,022		L3 Technologies, Inc	505
246	*	Lawson Products, Inc	5
763	*	Layne Christensen Co	7
306	*	LB Foster Co (Class A)	7
1,529		Lennox International, Inc	281
2,298		Lincoln Electric Holdings, Inc	212
408		Lindsay Corp	36
9,814		Lockheed Martin Corp	2,724
986		LSI Industries, Inc	9
674	*	Lydall, Inc	35
4,792		Manitowoc Co, Inc	29
12,543		Masco Corp	479
1,161	*	Masonite International Corp	88
2,577	*	Mastec, Inc	116
1,815	*	Mercury Systems, Inc	76
3,256	*	Meritor, Inc	54
2,236	*	Middleby Corp	272
1,678	*	Milacron Holdings Corp	30
446		Miller Industries, Inc	11
1,239	*	Moog, Inc (Class A)	89
3,470	*	MRC Global, Inc	57

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,759	MSC Industrial Direct Co (Class A)	\$ 151
2,210	Mueller Industries, Inc	67
6,011	Mueller Water Products, Inc (Class A)	70
639	* MYR Group, Inc	20
206	e National Presto Industries, Inc	23
1,911	* Navistar International Corp	50
1,570	* NCI Building Systems, Inc	26
210	* Neff Corp	4
962	* Nexeo Solutions, Inc	8
1,020	NN, Inc	28
2,239	Nordson Corp	272
6,316	Northrop Grumman Corp	1,621
371	* Northwest Pipe Co	6
4,328	* NOW, Inc	70
291	* NV5 Holdings, Inc	12
117	Omega Flex, Inc	8
2,206	Orbital ATK, Inc	217
987	* Orion Marine Group, Inc	7
2,888	Oshkosh Truck Corp	199
4,331	Owens Corning, Inc	290
13,427	PACCAR, Inc	887
5,175	Parker-Hannifin Corp	827
603	* Patrick Industries, Inc	44
6,483	Pentair plc	431
1,847	* PGT, Inc	24
7,340	*e Plug Power, Inc	15
738	* Ply Gem Holdings, Inc	13
416	Powell Industries, Inc	13
96	Preformed Line Products Co	4
1,452	Primoris Services Corp	36
1,003	* Proto Labs, Inc	67
1,340	Quanex Building Products Corp	28
5,705	* Quanta Services, Inc	188
1,477	Raven Industries, Inc	49
11,403	Raytheon Co	1,841
899	* RBC Bearings, Inc	91
1,737	Regal-Beloit Corp	142
432	REV Group, Inc	12
439	* Revolution Lighting Technologies, Inc	3
4,030	* Rexnord Corp	94
5,024	Rockwell Automation, Inc	814
6,347	Rockwell Collins, Inc	667
3,945	Roper Industries, Inc	913
257	* Rush Enterprises, Inc	9
1,200	* Rush Enterprises, Inc (Class A)	45
6,615	* Sensata Technologies Holding BV	283
1,581	Simpson Manufacturing Co, Inc	69
1,315	* SiteOne Landscape Supply, Inc	68
2,268	Snap-On, Inc	358
460	* Sparton Corp	10
4,720	Spirit Aerosystems Holdings, Inc (Class A)	273
1,707	* SPX Corp	43
1,563	* SPX FLOW, Inc	58

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
487		Standex International Corp	\$ 44
5,923		Stanley Works	834
1,004	*	Sterling Construction Co, Inc	13
922		Sun Hydraulics Corp	39
3,212	*,e	Sunrun, Inc	23
541		Supreme Industries, Inc	9
1,359	*	Teledyne Technologies, Inc	173
647		Tennant Co	48
3,532		Terex Corp	132
967		Textainer Group Holdings Ltd	14
10,503		Textron, Inc	495
431	*,e	The ExOne Company	5
1,276	*	Thermon Group Holdings	24
2,702		Timken Co	125
1,841		Titan International, Inc	22
784	*	Titan Machinery, Inc	14
4,075		Toro Co	282
400	*	TPI Composites, Inc	7
1,899		TransDigm Group, Inc	511
1,152	*	Trex Co, Inc	78
1,789	*	Trimas Corp	37
5,866		Trinity Industries, Inc	164
1,667		Triton International Ltd	56
1,896		Triumph Group, Inc	60
1,399	*	Tutor Perini Corp	40
343	*	Twin Disc, Inc	6
3,302	*	United Rentals, Inc	372
29,235		United Technologies Corp	3,570
4,022	*	Univar, Inc	117
775		Universal Forest Products, Inc	68
3,432	*	USG Corp	100
874		Valmont Industries, Inc	131
455	*	Vectrus, Inc	15
419	*	Veritiv Corp	19
649	*	Vicor Corp	12
2,060		W.W. Grainger, Inc	372
2,295		Wabash National Corp	50
1,986	*	WABCO Holdings, Inc	253
3,364		Wabtec Corp	308
1,180		Watsco, Inc	182
1,120		Watts Water Technologies, Inc (Class A)	71
5,066	*	Welbilt, Inc	96
2,328	*	Wesco Aircraft Holdings, Inc	25
1,864	*	WESCO International, Inc	107
67	*	Willis Lease Finance Corp	2
2,064		Woodward Governor Co	139
7,022		Xylem, Inc	389
		TOTAL CAPITAL GOODS	<u>75,963</u>
COMMERCIAL & PROFESSIONAL SERVICES - 0.9%			
2,170		ABM Industries, Inc	90
2,247	*	Acacia Research (Acacia Technologies)	9
4,335	*	ACCO Brands Corp	51

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
954	*	Advanced Disposal Services, Inc	\$ 22
1,564	*	Advisory Board Co	81
407	*,e	Aqua Metals, Inc	5
2,166	*	ARC Document Solutions, Inc	9
274		Barrett Business Services, Inc	16
198		BG Staffing, Inc	3
1,868		Brady Corp (Class A)	63
1,790		Brink's Co	120
1,375	*	Casella Waste Systems, Inc (Class A)	23
2,160	*	CBIZ, Inc	32
948		Ceco Environmental Corp	9
3,360		Cintas Corp	423
2,053	*	Clean Harbors, Inc	115
586	*,e	Cogint, Inc	3
7,753	*	Copart, Inc	246
4,607	e	Covanta Holding Corp	61
364		CRA International, Inc	13
1,839		Deluxe Corp	127
1,448		Dun & Bradstreet Corp	157
6,139	*,m	Dyax Corp	7
1,051		Ennis, Inc	20
1,364		Essendant, Inc	20
997		Exponent, Inc	58
419	*	Franklin Covey Co	8
1,597	*	FTI Consulting, Inc	56
494	*	GP Strategies Corp	13
2,765		Healthcare Services Group	129
711		Heidrick & Struggles International, Inc	15
555	*	Heritage-Crystal Clean, Inc	9
2,222		Herman Miller, Inc	68
1,049	*	Hill International, Inc	5
1,783		HNI Corp	71
1,406	*	Hudson Technologies, Inc	12
896	*	Huron Consulting Group, Inc	39
707	*	ICF International, Inc	33
15,313	*	IHS Markit Ltd	674
1,756	*	Innerworkings, Inc	20
687		Insperity, Inc	49
2,401		Interface, Inc	47
5,371		KAR Auction Services, Inc	225
1,192		Kelly Services, Inc (Class A)	27
1,045		Kforce, Inc	20
1,392		Kimball International, Inc (Class B)	23
1,970		Knoll, Inc	40
1,994		Korn/Ferry International	69
1,270		LSC Communications, Inc	27
2,615		Manpower, Inc	292
1,217		Matthews International Corp (Class A)	75
919		McGrath RentCorp	32
4,469	*,m	Media General, Inc	2
757	*	Mistras Group, Inc	17
1,705		Mobile Mini, Inc	51
1,290		MSA Safety, Inc	105

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
514		Multi-Color Corp	\$ 42
1,969	*	Navigant Consulting, Inc	39
13,969		Nielsen NV	540
563	*	NL Industries, Inc	4
1,977	*	On Assignment, Inc	107
7,274		Pitney Bowes, Inc	110
1,198		Quad Graphics, Inc	27
9,003		Republic Services, Inc	574
1,107		Resources Connection, Inc	15
4,841		Robert Half International, Inc	232
3,656		Rollins, Inc	149
1,727	*	RPX Corp	24
2,868		RR Donnelley & Sons Co	36
672	*	SP Plus Corp	21
3,128		Steelcase, Inc (Class A)	44
3,227	*	Stericycle, Inc	246
1,231	*	Team, Inc	29
2,101		Tetra Tech, Inc	96
4,985	*	TransUnion	216
1,603	*	TriNet Group, Inc	52
1,626	*	TrueBlue, Inc	43
592		Unifirst Corp	83
844		US Ecology, Inc	43
5,911	*	Verisk Analytics, Inc	499
795		Viad Corp	38
340		VSE Corp	15
1,451	*	WageWorks, Inc	98
17,316		Waste Management, Inc	1,270
1,646		West Corp	38
279	*	Willdan Group, Inc	9
		TOTAL COMMERCIAL & PROFESSIONAL SERVICES	8,775
CONSUMER DURABLES & APPAREL - 1.4%			
821		Acushnet Holdings Corp	16
2,238	*	American Outdoor Brands Corp	50
383		Bassett Furniture Industries, Inc	15
1,140	*	Beazer Homes USA, Inc	16
727	*	Black Diamond, Inc	5
3,502		Brunswick Corp	220
2,804		CalAtlantic Group, Inc	99
3,598		Callaway Golf Co	46
1,874		Carter's, Inc	167
352	*	Cavco Industries, Inc	46
649	*	Century Communities, Inc	16
10,947		Coach, Inc	518
1,106		Columbia Sportswear Co	64
2,849	*	CROCS, Inc	22
269		CSS Industries, Inc	7
447		Culp, Inc	15
1,222	*	Deckers Outdoor Corp	83
232	*	Delta Apparel, Inc	5
13,291		DR Horton, Inc	459
458		Escalade, Inc	6

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
958		Ethan Allen Interiors, Inc	\$ 31
273		Flexsteel Industries, Inc	15
1,713	*	Fossil Group, Inc	18
4,672		Garmin Ltd	238
1,666	*	G-III Apparel Group Ltd	42
4,066	*,e	GoPro, Inc	33
992	*	Green Brick Partners, Inc	11
14,194		Hanesbrands, Inc	329
4,413		Hasbro, Inc	492
1,059	*	Helen of Troy Ltd	100
438		Hooker Furniture Corp	18
4,761	*	Hovnanian Enterprises, Inc (Class A)	13
1,775	*	Iconix Brand Group, Inc	12
845	*	Installed Building Products Inc	45
1,024	*	iRobot Corp	86
232		Johnson Outdoors, Inc	11
5,026	*	Kate Spade & Co	93
3,347		KB Home	80
1,887		La-Z-Boy, Inc	61
5,198		Leggett & Platt, Inc	273
420		Lennar Corp (B Shares)	19
7,741		Lennar Corp (Class A)	413
624	*,e	LGI Homes, Inc	25
847		Libbey, Inc	7
362		Lifetime Brands, Inc	7
3,787	*	Lululemon Athletica, Inc	226
862	*	M/I Homes, Inc	25
776	*	Malibu Boats Inc	20
441		Marine Products Corp	7
13,433		Mattel, Inc	289
673		MCBC Holdings, Inc	13
1,630		MDC Holdings, Inc	58
1,504	*	Meritage Homes Corp	63
6,011	*	Michael Kors Holdings Ltd	218
2,421	*	Mohawk Industries, Inc	585
638		Movado Group, Inc	16
182		Nacco Industries, Inc (Class A)	13
1,163	*	Nautilus, Inc	22
556	*	New Home Co Inc	6
18,753		Newell Rubbermaid, Inc	1,006
51,794		Nike, Inc (Class B)	3,056
130	*	NVR, Inc	313
621		Oxford Industries, Inc	39
546	*	Perry Ellis International, Inc	11
3,035		Phillips-Van Heusen Corp	347
2,283	e	Polaris Industries, Inc	211
1,561		Pool Corp	183
11,384		Pulte Homes, Inc	279
2,197		Ralph Lauren Corp	162
1,607	*	Sequential Brands Group, Inc	6
5,202	*	Skechers U.S.A., Inc (Class A)	153
2,305	*	Steven Madden Ltd	92
652	e	Sturm Ruger & Co, Inc	40

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
295		Superior Uniform Group, Inc	\$ 7
2,391	*	Taylor Morrison Home Corp	57
1,812	*,e	Tempur Sealy International, Inc	97
5,929		Toll Brothers, Inc	234
1,426	*	TopBuild Corp	76
6,145	*	TRI Pointe Homes, Inc	81
1,991		Tupperware Corp	140
253	*	UCP, Inc (Class A)	3
7,306	*	Under Armour, Inc	147
7,201	*,e	Under Armour, Inc (Class A)	157
700	*	Unifi, Inc	22
585	*	Universal Electronics, Inc	39
1,001	*	Vera Bradley, Inc	10
12,969		VF Corp	747
2,174	*	Vista Outdoor, Inc	49
252		Weyco Group, Inc	7
2,830		Whirlpool Corp	542
889	*	William Lyon Homes, Inc	21
3,662		Wolverine World Wide, Inc	103
1,093	*	Zagg, Inc	9
		TOTAL CONSUMER DURABLES & APPAREL	14,354
CONSUMER SERVICES - 2.3%			
2,413	*	Adtalem Global Education, Inc	92
675	*	American Public Education, Inc	16
9,372		ARAMARK Holdings Corp	384
416	*	Ascent Media Corp (Series A)	6
3,449	*	Belmond Ltd.	46
817	*	BJ's Restaurants, Inc	30
3,847		Bloomin' Brands, Inc	82
770		Bob Evans Farms, Inc	55
641	*	Bojangles', Inc	10
3,239		Boyd Gaming Corp	80
877	*	Bridgepoint Education, Inc	13
1,976	*	Bright Horizons Family Solutions	153
1,952		Brinker International, Inc	74
616	*	Buffalo Wild Wings, Inc	78
1,862	*	Caesars Acquisition Co	35
1,990	*,e	Caesars Entertainment Corp	24
428		Capella Education Co	37
2,656	*	Career Education Corp	25
15,936		Carnival Corp	1,045
591		Carriage Services, Inc	16
1,345	*	Carrols Restaurant Group, Inc	16
761	*	Century Casinos, Inc	6
1,753		Cheesecake Factory	88
3,194	*,e	Chegg, Inc	39
991	*	Chipotle Mexican Grill, Inc (Class A)	412
1,319		Choice Hotels International, Inc	85
525		Churchill Downs, Inc	96
751	*	Chuy's Holdings, Inc	18
2,643		ClubCorp Holdings, Inc	35
328		Collectors Universe	8

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
721	e	Cracker Barrel Old Country Store, Inc	\$ 121
4,824		Darden Restaurants, Inc	436
1,638	*	Dave & Buster's Entertainment, Inc	109
1,033	*	Del Frisco's Restaurant Group, Inc	17
1,227	*	Del Taco Restaurants, Inc	17
2,646	*	Denny's Corp	31
664		DineEquity, Inc	29
1,883		Domino's Pizza, Inc	398
2,096	*	Drive Shack, Inc	7
3,608		Dunkin Brands Group, Inc	199
809	*,e	El Pollo Loco Holdings, Inc	11
1,789	*	Eldorado Resorts, Inc	36
125	*	Empire Resorts, Inc	3
6,386		Extended Stay America, Inc	124
1,005	*	Fiesta Restaurant Group, Inc	21
217	*	Fogo De Chao, Inc	3
412		Golden Entertainment, Inc	9
169		Graham Holdings Co	101
1,857	*	Grand Canyon Education, Inc	146
8,075		H&R Block, Inc	250
768	*	Habit Restaurants, Inc	12
2,287	*	Hilton Grand Vacations, Inc	82
7,534		Hilton Worldwide Holdings, Inc	466
4,089	*	Houghton Mifflin Harcourt Co	50
1,309	*	Hyatt Hotels Corp	74
4,167		ILG, Inc	115
4,144		International Game Technology plc	76
972		International Speedway Corp (Class A)	36
502	*	Intrawest Resorts Holdings Inc	12
596	*	J Alexander's Holdings, Inc	7
1,238		Jack in the Box, Inc	122
1,321	*	K12, Inc	24
3,205	*	La Quinta Holdings, Inc	47
14,137		Las Vegas Sands Corp	903
1,409	*	Laureate Education, Inc	25
203		Liberty Tax, Inc	3
608	*	Lindblad Expeditions Holdings, Inc	6
736		Marcus Corp	22
12,383		Marriott International, Inc (Class A)	1,242
849		Marriott Vacations Worldwide Corp	100
31,976		McDonald's Corp	4,897
19,803		MGM Resorts International	620
388	*	Monarch Casino & Resort, Inc	12
133	*	Nathan's Famous, Inc	8
400	*,e	Noodles & Co	2
6,304	*	Norwegian Cruise Line Holdings Ltd	342
832	*	Panera Bread Co (Class A)	262
1,063		Papa John's International, Inc	76
3,355	*	Penn National Gaming, Inc	72
2,110	*	Pinnacle Entertainment, Inc	42
3,264		Planet Fitness, Inc	76
946	*	Potbelly Corp	11
330	e	RCI Hospitality Holdings, Inc	8

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
638	*	Red Lion Hotels Corp	\$ 5
500	*	Red Robin Gourmet Burgers, Inc	33
2,623		Red Rock Resorts, Inc	62
1,367	*	Regis Corp	14
6,703		Royal Caribbean Cruises Ltd	732
3,070	*	Ruby Tuesday, Inc	6
1,174		Ruth's Chris Steak House, Inc	26
1,968	*	Scientific Games Corp (Class A)	51
2,698		SeaWorld Entertainment, Inc	44
7,130		Service Corp International	238
5,213	*	ServiceMaster Global Holdings, Inc	204
841	*,e	Shake Shack, Inc	29
2,790		Six Flags Entertainment Corp	166
1,512		Sonic Corp	40
1,487	*	Sotheby's (Class A)	80
581		Speedway Motorsports, Inc	11
55,281		Starbucks Corp	3,223
39	*	Steak N Shake Co	16
417		Strayer Education, Inc	39
2,599		Texas Roadhouse, Inc (Class A)	132
1,540		Vail Resorts, Inc	312
1,142	*,e	Weight Watchers International, Inc	38
7,240		Wendy's	112
1,127		Wingstop, Inc	35
3,991		Wyndham Worldwide Corp	401
3,126		Wynn Resorts Ltd	419
14,437	*	Yum China Holdings, Inc	569
13,637		Yum! Brands, Inc	1,006
805	*,e	Zoe's Kitchen, Inc	10
		TOTAL CONSUMER SERVICES	<u>23,077</u>
DIVERSIFIED FINANCIALS - 4.5%			
2,209		Affiliated Managers Group, Inc	366
1,028		AG Mortgage Investment Trust	19
13,893		AGNC Investment Corp	296
17,842		Ally Financial, Inc	373
29,070		American Express Co	2,449
5,938		Ameriprise Financial, Inc	756
39,873		Annaly Capital Management, Inc	481
3,633		Anworth Mortgage Asset Corp	22
3,555		Apollo Commercial Real Estate Finance, Inc	66
1,014		Ares Commercial Real Estate Corp	13
727	e	Arlington Asset Investment Corp (Class A)	10
1,518		ARMOUR Residential REIT, Inc	38
1,731		Artisan Partners Asset Management, Inc	53
269		Associated Capital Group, Inc	9
382		B. Riley Financial, Inc	7
39,480		Bank of New York Mellon Corp	2,014
8,951		BGC Partners, Inc (Class A)	113
4,870		BlackRock, Inc	2,057
18,832		Capital One Financial Corp	1,556
3,681		Capstead Mortgage Corp	38
4,312		CBOE Holdings, Inc	394

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
46,360	Charles Schwab Corp	\$ 1,992
412	Cherry Hill Mortgage Investment Corp	8
7,165	Chimera Investment Corp	134
13,254	CME Group, Inc	1,660
853	Cohen & Steers, Inc	35
1,050	* Cowen Group, Inc	17
436	*,e Credit Acceptance Corp	112
5,937	CYS Investments, Inc	50
118	Diamond Hill Investment Group, Inc	24
14,835	Discover Financial Services	923
1,075	* Donnelley Financial Solutions, Inc	25
1,860	Dynex Capital, Inc	13
10,781	* E*TRADE Financial Corp	410
4,316	Eaton Vance Corp	204
588	* Elevate Credit, Inc	5
248	Ellington Residential Mortgage REIT	4
978	* Encore Capital Group, Inc	39
1,226	* Enova International, Inc	18
1,565	Evercore Partners, Inc (Class A)	110
1,988	* Ezcorp, Inc (Class A)	15
1,518	Factset Research Systems, Inc	252
3,795	Federated Investors, Inc (Class B)	107
2,248	Financial Engines, Inc	82
1,853	FirstCash, Inc	108
2,523	* FNFV Group	40
13,083	Franklin Resources, Inc	586
1,532	Gain Capital Holdings, Inc	10
181	GAMCO Investors, Inc (Class A)	5
14,380	Goldman Sachs Group, Inc	3,191
416	Great Ajax Corp	6
1,775	* Green Dot Corp	68
1,124	Greenhill & Co, Inc	23
544	Hamilton Lane, Inc	12
1,871	Hannon Armstrong Sustainable Infrastructure Capital, Inc	43
836	Houlihan Lokey, Inc	29
2,624	Interactive Brokers Group, Inc (Class A)	98
22,894	IntercontinentalExchange Group, Inc	1,509
601	* INTL FCStone, Inc	23
15,703	Invesco Ltd	553
4,389	Invesco Mortgage Capital, Inc	73
1,302	Investment Technology Group, Inc	28
20,415	e iShares Russell 3000 Index Fund	2,940
1,738	* KCG Holdings, Inc	35
419	KKR Real Estate Finance Trust, Inc	9
2,622	Ladder Capital Corp	35
5,033	* Ladenburg Thalmann Financial Services, Inc	12
4,697	Lazard Ltd (Class A)	218
3,386	Legg Mason, Inc	129
12,454	* LendingClub Corp	69
12,677	Leucadia National Corp	332
3,491	LPL Financial Holdings, Inc	148
1,443	MarketAxess Holdings, Inc	290
418	Marlin Business Services Corp	11

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
15,387	MFA Mortgage Investments, Inc	\$ 129
949	Moelis & Co	37
6,504	Moody's Corp	791
51,716	Morgan Stanley	2,305
745	Morningstar, Inc	58
3,474	MSCI, Inc (Class A)	358
1,755	MTGE Investment Corp	33
4,411	NASDAQ OMX Group, Inc	315
11,108	Navient Corp	185
763	Nelnet, Inc (Class A)	36
11,792	New Residential Investment Corp	184
4,058	New York Mortgage Trust, Inc	25
959	NewStar Financial, Inc	10
8,157	Northern Trust Corp	793
2,164	OM Asset Management plc	32
2,011	* On Deck Capital, Inc	9
2,198	* OneMain Holdings, Inc	54
448	Oppenheimer Holdings, Inc	7
1,276	Orchid Island Capital, Inc	13
245	Owens Realty Mortgage, Inc	4
2,603	PennyMac Mortgage Investment Trust	48
896	* Pico Holdings, Inc	16
553	Piper Jaffray Cos	33
727	PJT Partners, Inc	29
1,801	* PRA Group, Inc	68
527	Pzena Investment Management, Inc (Class A)	5
5,055	Raymond James Financial, Inc	406
2,957	Redwood Trust, Inc	50
383	* Regional Management Corp	9
1,443	Resource Capital Corp	15
10,094	S&P Global, Inc	1,474
808	* Safeguard Scientifics, Inc	10
5,737	* Santander Consumer USA Holdings, Inc	73
5,233	SEI Investments Co	281
298	Silvercrest Asset Management Group, Inc	4
16,893	* SLM Corp	194
15,406	SPDR Trust Series 1	3,725
9,967	Starwood Property Trust, Inc	223
14,661	State Street Corp	1,316
2,581	* Stifel Financial Corp	119
31,803	Synchrony Financial	948
9,207	T Rowe Price Group, Inc	683
9,980	TD Ameritrade Holding Corp	429
1,255	Tiptree Financial, Inc	9
13,515	Two Harbors Investment Corp	134
1,024	e Virtu Financial, Inc	18
255	Virtus Investment Partners, Inc	28
7,272	Voya Financial, Inc	268
3,248	Waddell & Reed Financial, Inc (Class A)	61
1,589	Western Asset Mortgage Capital Corp	16
322	Westwood Holdings Group, Inc	18
4,611	e WisdomTree Investments, Inc	47
229	* World Acceptance Corp	17

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
607	ZAIS Financial Corp	\$ 9
	TOTAL DIVERSIFIED FINANCIALS	<u>44,163</u>
ENERGY - 5.6%		
5,830	* Abraxas Petroleum Corp	9
99	Adams Resources & Energy, Inc	4
1,327	Alon USA Energy, Inc	18
22,011	Anadarko Petroleum Corp	998
9,010	* Antero Resources Corp	195
14,950	Apache Corp	717
1,515	* Approach Resources, Inc	5
841	Arch Coal, Inc	57
2,935	Archrock, Inc	33
985	Ardmore Shipping Corp	8
2,953	* Atwood Oceanics, Inc	24
16,647	Baker Hughes, Inc	907
661	* Basic Energy Services, Inc	16
2,221	* Bill Barrett Corp	7
784	* Bonanza Creek Energy, Inc	25
1,469	e Bristow Group, Inc	11
1,777	* C&J Energy Services, Inc	61
18,059	Cabot Oil & Gas Corp	453
1,677	*e California Resources Corp	14
7,833	* Callon Petroleum Co	83
905	*e CARBO Ceramics, Inc	6
2,286	* Carrizo Oil & Gas, Inc	40
4,328	*e Centennial Resource Development, Inc	69
8,023	* Cheniere Energy, Inc	391
35,440	*e Chesapeake Energy Corp	176
74,079	Chevron Corp	7,729
3,696	Cimarex Energy Co	347
5,167	* Clean Energy Fuels Corp	13
2,858	* Cloud Peak Energy, Inc	10
5,765	* Concho Resources, Inc	701
48,583	ConocoPhillips	2,136
8,770	* Consol Energy, Inc	131
670	* Contango Oil & Gas Co	4
3,475	* Continental Resources, Inc	112
612	e CVR Energy, Inc	13
2,390	Delek US Holdings, Inc	63
15,050	* Denbury Resources, Inc	23
20,572	Devon Energy Corp	658
2,870	DHT Holdings, Inc	12
2,618	*e Diamond Offshore Drilling, Inc	28
3,839	* Diamondback Energy, Inc	341
1,027	* Dorian LPG Ltd	8
1,470	* Dril-Quip, Inc	72
384	* Earthstone Energy, Inc	4
3,296	* Eclipse Resources Corp	9
3,813	* Energen Corp	188
1,132	* Energy XXI Gulf Coast, Inc	21
11,576	Ensco plc	60
22,587	EOG Resources, Inc	2,045

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,448	*,e	EP Energy Corp	\$ 5
6,787		EQT Corp	398
891	*	Era Group, Inc	8
668		Evolution Petroleum Corp	5
1,256	*	Exterran Corp	34
4,719	*,e	Extraction Oil & Gas, Inc	64
166,133		Exxon Mobil Corp	13,412
5,927	*,e	Fairmount Santrol Holdings, Inc	23
2,612	*	Forum Energy Technologies, Inc	41
1,937	e	Frank's International NV	16
2,830	e	Frontline Ltd	16
1,757		GasLog Ltd	27
7,137	*	Gastar Exploration, Inc	7
1,740	*,e	Gener8 Maritime, Inc	10
626	*	Geospace Technologies Corp	9
3,789		Golar LNG Ltd	84
1,490		Green Plains Renewable Energy, Inc	31
561		Gulf Island Fabrication, Inc	7
6,208	*	Gulfport Energy Corp	92
2,315	*	Halcon Resources Corp	11
557		Hallador Energy Co	4
33,898		Halliburton Co	1,448
5,378	*	Helix Energy Solutions Group, Inc	30
4,142	e	Helmerich & Payne, Inc	225
11,102		Hess Corp	487
6,919		HollyFrontier Corp	190
1,312	*	Independence Contract Drilling, Inc	5
1,110	*	International Seaways, Inc	24
30	*	Isramco, Inc	3
1,195	*	Jagged Peak Energy, Inc	16
1,138	*,e	Jones Energy, Inc (Class A)	2
1,187	*	Keane Group, Inc	19
384	*,e	Key Energy Services, Inc	7
75,379		Kinder Morgan, Inc	1,444
7,503	*	Kosmos Energy LLC	48
6,373	*	Laredo Petroleum Holdings, Inc	67
1,582	*	Lilis Energy, Inc	8
275	*	Mammoth Energy Services, Inc	5
33,383		Marathon Oil Corp	396
20,148		Marathon Petroleum Corp	1,054
3,403	*	Matador Resources Co	73
1,193	*	Matrix Service Co	11
10,793	*	McDermott International, Inc	77
377	*	Midstates Petroleum Co, Inc	5
6,404		Murphy Oil Corp	164
10,868		Nabors Industries Ltd	89
14,939		National Oilwell Varco, Inc	492
561	*	Natural Gas Services Group, Inc	14
3,582		Navios Maritime Acq Corp	5
410	*	NCS Multistage Holdings, Inc	10
7,829	*	Newfield Exploration Co	223
3,366	*	Newpark Resources, Inc	25
9,416		Noble Corp plc	34

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
18,837		Noble Energy, Inc	\$ 533
3,925	e	Nordic American Tanker Shipping	25
9,279	*	Oasis Petroleum, Inc	75
29,938		Occidental Petroleum Corp	1,792
3,828		Oceaneering International, Inc	87
2,073	*	Oil States International, Inc	56
8,208		Oneok, Inc	428
836		Overseas Shipholding Group, Inc	2
1,499	*	Pacific Ethanol, Inc	9
648		Panhandle Oil and Gas, Inc (Class A)	15
1,291	*	Par Pacific Holdings, Inc	23
5,410	*	Parker Drilling Co	7
9,019	*	Parsley Energy, Inc	250
8,122		Patterson-UTI Energy, Inc	164
4,259	e	PBF Energy, Inc	95
2,579	*	PDC Energy, Inc	111
1,871	*	Peabody Energy Corp	46
544	*,e	Penn Virginia Corp	20
620	*	PHI, Inc	6
17,077		Phillips 66	1,412
2,681	*	Pioneer Energy Services Corp	6
6,619		Pioneer Natural Resources Co	1,056
938	*	ProPetro Holding Corp	13
9,406	*	Questar Market Resources, Inc	95
8,947		Range Resources Corp	207
1,467	*	Renewable Energy Group, Inc	19
838	*,e	Resolute Energy Corp	25
234	*	Rex American Resources Corp	23
6,597	*	Rice Energy, Inc	176
611	*	RigNet, Inc	10
1,749	*	Ring Energy, Inc	23
4,518	*	Rowan Cos plc	46
2,256	e	RPC, Inc	46
5,131	*	RSP Permian, Inc	166
2,726	*,e	Sanchez Energy Corp	20
1,269	*	SandRidge Energy, Inc	22
54,478		Schlumberger Ltd	3,587
6,794		Scorpio Tankers, Inc	27
617	*	SEACOR Holdings, Inc	21
629	*	SEACOR Marine Holdings, Inc	13
2,570		SemGroup Corp	69
2,365	e	Ship Finance International Ltd	32
253	*	SilverBow Resources, Inc	7
4,345		SM Energy Co	72
801	*	Smart Sand, Inc	7
369	*	Solaris Oilfield Infrastructure, Inc	4
19,699	*	Southwestern Energy Co	120
7,633	*	SRC Energy, Inc	51
749	*	Stone Energy Corp	14
5,923	*	Superior Energy Services	62
7,616		Targa Resources Investments, Inc	344
2,010	e	Teekay Corp	13
3,273		Teekay Tankers Ltd (Class A)	6

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
2,116	*	Tellurian, Inc	\$ 21
1,519	*	Tesco Corp	7
5,995	b	Tesoro Corp	561
3,896	*	Tetra Technologies, Inc	11
15,313	*	Transocean Ltd (NYSE)	126
7,557	*	Ultra Petroleum Corp	82
1,986	*	Unit Corp	37
5,127	*,e	Uranium Energy Corp	8
3,143		US Silica Holdings Inc	112
17,500		Valero Energy Corp	1,181
3,587	*,e	W&T Offshore, Inc	7
34,561	*	Weatherford International Ltd	134
783	*	Westmoreland Coal Co	4
14,050	*	Whiting Petroleum Corp	77
705	*	WildHorse Resource Development Corp	9
1,880	*	Willbros Group, Inc	5
32,377		Williams Cos, Inc	980
2,651		World Fuel Services Corp	102
15,377	*	WPX Energy, Inc	149
		TOTAL ENERGY	<u>55,230</u>
FOOD & STAPLES RETAILING - 1.4%			
1,108		Andersons, Inc	38
1,519		Casey's General Stores, Inc	163
776	*	Chefs' Warehouse Holdings, Inc	10
39,888		CVS Health Corp	3,209
555		Ingles Markets, Inc (Class A)	18
35,607		Kroger Co	830
345	*	Natural Grocers by Vitamin C	3
2,701	*	Performance Food Group Co	74
833		Pricesmart, Inc	73
41,120	*	Rite Aid Corp	121
1,024	*	Smart & Final Stores, Inc	9
1,537		Spartan Stores, Inc	40
5,274	*	Sprouts Farmers Market, Inc	120
10,836	*	Supervalu, Inc	36
19,274		Sysco Corp	970
2,032	*	United Natural Foods, Inc	75
5,234	*	US Foods Holding Corp	142
292		Village Super Market (Class A)	8
36,606		Walgreens Boots Alliance, Inc	2,867
57,104		Wal-Mart Stores, Inc	4,322
313		Weis Markets, Inc	15
12,404		Whole Foods Market, Inc	522
		TOTAL FOOD & STAPLES RETAILING	<u>13,665</u>
FOOD, BEVERAGE & TOBACCO - 4.9%			
136		Alico, Inc	4
75,727		Altria Group, Inc	5,639
1,205	*,e	Amplify Snack Brands, Inc	12
21,785		Archer Daniels Midland Co	901
2,508	e	B&G Foods, Inc (Class A)	89
3,660	*	Blue Buffalo Pet Products, Inc	84

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
344	*	Boston Beer Co, Inc (Class A)	\$ 45
2,114		Brown-Forman Corp	104
6,908		Brown-Forman Corp (Class B)	336
5,491		Bunge Ltd	410
583		Calavo Growers, Inc	40
1,263	*,e	Cal-Maine Foods, Inc	50
6,999		Campbell Soup Co	365
3,333	*	Castle Brands, Inc	6
185		Coca-Cola Bottling Co Consolidated	42
150,737		Coca-Cola Co	6,760
15,863		ConAgra Foods, Inc	567
6,332		Constellation Brands, Inc (Class A)	1,227
17,097		Costco Wholesale Corp	2,734
418	*	Craft Brewers Alliance, Inc	7
6,364	*	Darling International, Inc	100
3,513		Dean Foods Co	60
7,151		Dr Pepper Snapple Group, Inc	652
288	*	Farmer Bros Co	9
6,808		Flowers Foods, Inc	118
1,315		Fresh Del Monte Produce, Inc	67
901	*	Freshpet, Inc	15
22,565		General Mills, Inc	1,250
3,970	*	Hain Celestial Group, Inc	154
5,482		Hershey Co	589
10,545		Hormel Foods Corp	360
3,112	*	Hostess Brands, Inc	50
2,752		Ingredion, Inc	328
585		J&J Snack Foods Corp	77
4,411		J.M. Smucker Co	522
368		John B. Sanfilippo & Son, Inc	23
9,694		Kellogg Co	673
23,487		Kraft Heinz Co	2,011
5,729		Lamb Weston Holdings, Inc	252
744		Lancaster Colony Corp	91
1,056	*	Landec Corp	16
179	*	Lifeway Foods, Inc	2
443		Limoneira Co	10
4,446		McCormick & Co, Inc	434
476		Mgp Ingredients, Inc	24
6,722		Molson Coors Brewing Co (Class B)	580
57,459		Mondelez International, Inc	2,482
16,189	*	Monster Beverage Corp	804
457		National Beverage Corp	43
996		Omega Protein Corp	18
55,977		PepsiCo, Inc	6,465
60,814		Philip Morris International, Inc	7,143
2,078	*	Pilgrim's Pride Corp	46
4,626		Pinnacle Foods, Inc	275
2,539	*	Post Holdings, Inc	197
845	*	Primo Water Corp	11
32,348		Reynolds American, Inc	2,104
787		Sanderson Farms, Inc	91
10		Seaboard Corp	40

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
365	*	Seneca Foods Corp	\$ 11
3,317		Snyder's-Lance, Inc	115
737	e	Tootsie Roll Industries, Inc	26
2,158	*	TreeHouse Foods, Inc	176
183	*	Turning Point Brands, Inc	3
10,903		Tyson Foods, Inc (Class A)	683
917		Universal Corp	59
3,648		Vector Group Ltd	78
		TOTAL FOOD, BEVERAGE & TOBACCO	<u>48,759</u>
HEALTH CARE EQUIPMENT & SERVICES - 5.6%			
338	*	AAC Holdings, Inc	2
855		Abaxis, Inc	45
66,270		Abbott Laboratories	3,221
1,581	*	Abiomed, Inc	227
3,023	*,e	Acadia Healthcare Co, Inc	149
3,073	*	Accuray, Inc	15
1,212		Aceto Corp	19
255	*	Addus HomeCare Corp	9
12,691		Aetna Inc	1,927
3,369	*	Alere, Inc	169
3,108	*	Align Technology, Inc	467
7,075	*	Allscripts Healthcare Solutions, Inc	90
495	*	Almost Family, Inc	31
1,099	*	Amedisys, Inc	69
368	*	American Renal Associates Holdings, Inc	7
6,213		AmerisourceBergen Corp	587
1,811	*	AMN Healthcare Services, Inc	71
482		Analogic Corp	35
1,310	*	Angiodynamics, Inc	21
566	*	Anika Therapeutics, Inc	28
5,621	*	Antares Pharma, Inc	18
10,387		Anthem, Inc	1,954
1,539	*	athenahealth, Inc	216
1,229	*	AtriCure, Inc	30
55		Atrion Corp	35
1,009	*	AxoGen, Inc	17
2,852		Bard (C.R.), Inc	902
19,516		Baxter International, Inc	1,182
8,733		Becton Dickinson & Co	1,704
4,529	*,e	BioScrip, Inc	12
1,148	*	BioTelemetry, Inc	38
53,455	*	Boston Scientific Corp	1,482
7,134	*	Brookdale Senior Living, Inc	105
1,418		Cantel Medical Corp	110
1,019	*	Capital Senior Living Corp	16
12,373		Cardinal Health, Inc	964
1,207	*	Cardiovascular Systems, Inc	39
2,441	*,e	Castlight Health, Inc	10
6,648	*	Centene Corp	531
11,255	*	Cerner Corp	748
4,212	*,e	Cerus Corp	11
611		Chemed Corp	125

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
9,707		Cigna Corp	\$ 1,625
504	*	Civitas Solutions, Inc	9
3,787	*	Community Health Systems, Inc	38
481	e	Computer Programs & Systems, Inc	16
1,529	*	ConforMIS, Inc	7
1,071		Conmed Corp	55
1,889		Cooper Cos, Inc	452
2,996	*	Corindus Vascular Robotics, Inc	6
368	*	Corvel Corp	17
1,020	*	Cotiviti Holdings, Inc	38
1,273	*	Cross Country Healthcare, Inc	16
1,250	*	CryoLife, Inc	25
593	*	Cutera, Inc	15
24,002		Danaher Corp	2,026
6,092	*	DaVita, Inc	395
8,831		Dentsply Sirona, Inc	573
3,340	*	DexCom, Inc	244
1,886	*	Diplomat Pharmacy, Inc	28
8,178	*	Edwards Lifesciences Corp	967
3,300	*	Endologix, Inc	16
1,885		Ensign Group, Inc	41
482	*	Entellus Medical, Inc	8
4,540	*	Envision Healthcare Corp	285
1,492	*	Evolent Health, Inc	38
408	*	Exactech, Inc	12
23,509	*	Express Scripts Holding Co	1,501
229	*	FONAR Corp	6
1,393	*	Genesis Health Care, Inc	2
1,865	*	GenMark Diagnostics, Inc	22
1,112	*	Glaukos Corp	46
2,762	*	Globus Medical, Inc	92
2,039	*	Haemonetics Corp	81
1,812	*	Halyard Health, Inc	71
11,582	*	HCA Holdings, Inc	1,010
1,932	*	HealthEquity, Inc	96
3,477		Healthsouth Corp	168
1,071	*	HealthStream, Inc	28
3,102	*	Henry Schein, Inc	568
2,532		Hill-Rom Holdings, Inc	202
3,262	*	HMS Holdings Corp	60
10,945	*	Hologic, Inc	497
5,646		Humana, Inc	1,359
588	*	ICU Medical, Inc	101
3,427	*	Idexx Laboratories, Inc	553
672	*	Inogen Inc	64
2,425	*,e	Inovalon Holdings, Inc	32
2,272	*	Insulet Corp	117
1,266	*	Integer Holding Corp	55
2,413	*	Integra LifeSciences Holdings Corp	132
1,434	*	Intuitive Surgical, Inc	1,341
1,260		Invacare Corp	17
528	*	iRhythm Technologies, Inc	22
1,571	*	K2M Group Holdings, Inc	38

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
3,505		Kindred Healthcare, Inc	\$ 41
4,002	*	Laboratory Corp of America Holdings	617
352		Landauer, Inc	18
982	*	Lantheus Holdings, Inc	17
562		LeMaitre Vascular, Inc	18
593	*	LHC Group, Inc	40
1,442	*	LifePoint Hospitals, Inc	97
1,887	*	LivaNova plc	116
927	*	Magellan Health Services, Inc	68
1,746	*	Masimo Corp	159
8,298		McKesson Corp	1,365
2,192	*	Medidata Solutions, Inc	171
3,569	*	MEDNAX, Inc	215
53,698		Medtronic plc	4,766
1,637		Meridian Bioscience, Inc	26
1,836	*	Merit Medical Systems, Inc	70
1,721	*	Molina Healthcare, Inc	119
685	*,e	NantHealth, Inc	3
447		National Healthcare Corp	31
357		National Research Corp	10
1,257	*	Natus Medical, Inc	47
1,449	*	Neogen Corp	100
1,074	*	Nevro Corp	80
2,085	*,e	Novocure Ltd	36
1,937	*	NuVasive, Inc	149
2,539	*	NxStage Medical, Inc	64
343	*,e	Obalon Therapeutics, Inc	3
1,384	*	Omniceil, Inc	60
2,181	*	OraSure Technologies, Inc	38
679	*	Orthofix International NV	32
2,343		Owens & Minor, Inc	75
919	*	Oxford Immunotec Global plc	15
3,229		Patterson Cos, Inc	152
1,140	*	Penumbra, Inc	100
1,217	*	PharMerica Corp	32
2,010	*	Premier, Inc	72
495	*	Providence Service Corp	25
356	*	Pulse Biosciences, Inc	12
1,960	*	Quality Systems, Inc	34
5,348		Quest Diagnostics, Inc	594
1,084	*	Quidel Corp	29
978	*	Quotient Ltd	7
3,887	*	R1 RCM, Inc	15
1,510	*	RadNet, Inc	12
5,454		Resmed, Inc	425
1,891	*	Rockwell Medical, Inc	15
2,673	*	RTI Biologics, Inc	16
4,065	*	Select Medical Holdings Corp	62
549	*	Sientra, Inc	5
414		Simulations Plus, Inc	5
1,718	*	Spectranetics Corp	66
1,741	*,e	Staar Surgical Co	19
3,269		STERIS plc	266

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE (000)</u>
13,288		Stryker Corp	\$ 1,844
643	*	Surgery Partners, Inc	15
516	*	SurModics, Inc	15
350	*	Tabula Rasa HealthCare, Inc	5
357	*	Tactile Systems Technology, Inc	10
2,089	*,e	Teladoc, Inc	72
1,746		Teleflex, Inc	363
3,172	*	Tenet Healthcare Corp	61
1,422	*	Tivity Health, Inc	57
948	*	Triple-S Management Corp (Class B)	16
37,569		UnitedHealth Group, Inc	6,966
3,402		Universal Health Services, Inc (Class B)	415
468		US Physical Therapy, Inc	28
149		Utah Medical Products, Inc	11
1,492	*	Varex Imaging Corp	50
3,619	*	Varian Medical Systems, Inc	373
3,060	*	VCA Antech, Inc	282
4,180	*	Veeva Systems, Inc	256
1,068	*,e	ViewRay, Inc	7
612	*,e	Viveve Medical, Inc	4
1,082	*	Vocera Communications, Inc	29
1,739	*	WellCare Health Plans, Inc	312
2,861		West Pharmaceutical Services, Inc	270
4,098	*	Wright Medical Group NV	113
7,874		Zimmer Holdings, Inc	1,011
		TOTAL HEALTH CARE EQUIPMENT & SERVICES	<u>55,885</u>
HOUSEHOLD & PERSONAL PRODUCTS - 1.7%			
400	*	Central Garden & Pet Co	13
1,366	*	Central Garden and Pet Co (Class A)	41
9,788		Church & Dwight Co, Inc	508
5,052		Clorox Co	673
33,720		Colgate-Palmolive Co	2,500
18,225		Coty, Inc	342
2,241	*	Edgewell Personal Care Co	170
812	*,e	elf Beauty, Inc	22
2,362		Energizer Holdings, Inc	114
8,492		Estee Lauder Cos (Class A)	815
2,687	*,e	Herbalife Ltd	192
4,642	*	HRG Group, Inc	82
735		Inter Parfums, Inc	27
13,867		Kimberly-Clark Corp	1,790
385		Medifast, Inc	16
325		Natural Health Trends Corp	9
537		Nature's Sunshine Products, Inc	7
2,014		Nu Skin Enterprises, Inc (Class A)	127
364		Nutraceutical International Corp	15
255		Oil-Dri Corp of America	11
289	e	Orchids Paper Products Co	4
100,336		Procter & Gamble Co	8,744
480	*	Revlon, Inc (Class A)	11
959		Spectrum Brands, Inc	120
426	*	USANA Health Sciences, Inc	27

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
538	WD-40 Co	\$ 59
	TOTAL HOUSEHOLD & PERSONAL PRODUCTS	<u>16,439</u>
INSURANCE - 4.2%		
15,211	Aflac, Inc	1,182
576	* Alleghany Corp	343
3,345	Allied World Assurance Co Holdings Ltd	177
14,255	Allstate Corp	1,261
1,747	* AMBAC Financial Group, Inc	30
3,330	American Equity Investment Life Holding Co	88
2,671	American Financial Group, Inc	265
36,138	American International Group, Inc	2,259
284	American National Insurance Co	33
751	Amerisafe, Inc	43
3,256	e Amtrust Financial Services, Inc	49
10,195	Aon plc	1,355
4,498	* Arch Capital Group Ltd	420
1,126	Argo Group International Holdings Ltd	68
6,848	Arthur J. Gallagher & Co	392
2,327	Aspen Insurance Holdings Ltd	116
2,139	Assurant, Inc	222
4,689	Assured Guaranty Ltd	196
1,706	* Athene Holding Ltd	85
493	* Atlas Financial Holdings, Inc	7
3,256	Axis Capital Holdings Ltd	211
422	Baldwin & Lyons, Inc (Class B)	10
75,357	* Berkshire Hathaway, Inc (Class B)	12,763
265	Blue Capital Reinsurance Holdings Ltd	5
4,533	Brown & Brown, Inc	195
18,180	Chubb Ltd	2,643
6,024	Cincinnati Financial Corp	436
2,162	*,e Citizens, Inc (Class A)	16
1,065	CNA Financial Corp	52
6,647	Conseco, Inc	139
723	Crawford & Co (Class B)	7
406	Donegal Group, Inc (Class A)	6
746	* eHealth, Inc	14
252	EMC Insurance Group, Inc	7
1,239	Employers Holdings, Inc	52
437	* Enstar Group Ltd	87
983	Erie Indemnity Co (Class A)	123
1,587	Everest Re Group Ltd	404
371	FBL Financial Group, Inc (Class A)	23
485	Federated National Holding Co	8
471	e Fidelity & Guaranty Life	15
4,199	First American Financial Corp	188
10,157	FNF Group	455
19,503	* Genworth Financial, Inc (Class A)	74
328	* Global Indemnity Ltd	13
1,299	* Greenlight Capital Re Ltd (Class A)	27
368	* Hallmark Financial Services	4
1,661	Hanover Insurance Group, Inc	147
14,292	Hartford Financial Services Group, Inc	751

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
290		HCI Group, Inc	\$ 14
443	*,e	Health Insurance Innovations, Inc	10
1,074		Heritage Insurance Holdings, Inc	14
1,591		Horace Mann Educators Corp	60
392		Independence Holding Co	8
439		Infinity Property & Casualty Corp	41
62		Investors Title Co	12
646		James River Group Holdings Ltd	26
1,469		Kemper Corp	57
379		Kingstone Cos, Inc	6
566		Kinsale Capital Group, Inc	21
8,761		Lincoln National Corp	592
10,894		Loews Corp	510
2,565		Maiden Holdings Ltd	28
533	*	Markel Corp	520
20,133		Marsh & McLennan Cos, Inc	1,570
4,904	*	MBIA, Inc	46
1,072		Mercury General Corp	58
35,871		Metlife, Inc	1,971
1,991		National General Holdings Corp	42
92		National Western Life Group, Inc	29
808		Navigators Group, Inc	44
394	*	NI Holdings, Inc	7
9,269		Old Republic International Corp	181
823		OneBeacon Insurance Group Ltd (Class A)	15
1,776		Primerica, Inc	135
10,449		Principal Financial Group	669
1,956		ProAssurance Corp	119
22,742		Progressive Corp	1,003
16,796		Prudential Financial, Inc	1,816
2,511		Reinsurance Group of America, Inc (Class A)	322
1,586		RenaissanceRe Holdings Ltd	221
1,544		RLI Corp	84
591		Safety Insurance Group, Inc	40
2,223		Selective Insurance Group, Inc	111
630		State Auto Financial Corp	16
1,279		State National Cos, Inc	24
815		Stewart Information Services Corp	37
2,745	*	Third Point Reinsurance Ltd	38
4,512		Torchmark Corp	345
10,935		Travelers Cos, Inc	1,384
855	*,e	Trupanion, Inc	19
844		United Fire & Casualty Co	37
739		United Insurance Holdings Corp	12
1,340		Universal Insurance Holdings, Inc	34
8,936		UnumProvident Corp	417
3,022		Validus Holdings Ltd	157
3,784		W.R. Berkley Corp	262
173		White Mountains Insurance Group Ltd	150
4,935		Willis Towers Watson plc	718
9,976		XL Group Ltd	437
		TOTAL INSURANCE	<u>41,955</u>

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
MATERIALS - 3.4%		
1,126	A. Schulman, Inc	\$ 36
788	Advanced Emissions Solutions, Inc	7
1,237	* AdvanSix, Inc	39
801	* AgroFresh Solutions, Inc	6
8,352	Air Products & Chemicals, Inc	1,195
12,220	* AK Steel Holding Corp	80
4,336	Albemarle Corp	458
7,210	Alcoa Corp	235
4,202	e Allegheny Technologies, Inc	71
1,143	American Vanguard Corp	20
340	Ampco-Pittsburgh Corp	5
2,415	Aptargroup, Inc	210
716	Ardagh Group S.A.	16
2,450	Ashland Global Holdings, Inc	161
3,452	Avery Dennison Corp	305
8,232	* Axalta Coating Systems Ltd	264
1,227	Balchem Corp	95
13,490	Ball Corp	569
3,500	Bemis Co, Inc	162
5,056	* Berry Plastics Group, Inc	288
1,581	* Boise Cascade Co	48
2,347	Cabot Corp	125
1,971	Calgon Carbon Corp	30
1,812	Carpenter Technology Corp	68
5,414	Celanese Corp (Series A)	514
1,952	* Century Aluminum Co	30
9,130	CF Industries Holdings, Inc	255
284	Chase Corp	30
7,212	Chemours Co	273
623	* Clearwater Paper Corp	29
11,512	* Cliffs Natural Resources, Inc	80
1,314	* Codexis, Inc	7
7,045	* Coeur Mining, Inc	60
4,501	Commercial Metals Co	87
1,309	Compass Minerals International, Inc	85
261	* Core Molding Technologies, Inc	6
5,210	* Crown Holdings, Inc	311
439	Deltic Timber Corp	33
2,440	Domtar Corp	94
47,808	Dow Chemical Co	3,015
1,847	Eagle Materials, Inc	171
5,691	Eastman Chemical Co	478
10,099	Ecolab, Inc	1,341
34,019	EI du Pont de Nemours & Co	2,746
3,191	* Ferro Corp	58
2,943	*,m Ferroglobe plc	0
2,151	*,e Flotek Industries, Inc	19
5,228	FMC Corp	382
596	*,e Forterra, Inc	5
53,041	* Freeport-McMoRan Copper & Gold, Inc (Class B)	637
954	FutureFuel Corp	14
2,797	* GCP Applied Technologies, Inc	85

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
2,189	*	Gold Resource Corp	\$ 9
12,219		Graphic Packaging Holding Co	168
203		Greif, Inc	12
985		Greif, Inc (Class A)	55
1,961		H.B. Fuller Co	100
137	*	Handy & Harman Ltd	4
377		Hawkins, Inc	17
501		Haynes International, Inc	18
14,849		Hecla Mining Co	76
7,865		Huntsman Corp	203
1,659	*	Ingevity Corp	95
803		Innophos Holdings, Inc	35
974		Innospec, Inc	64
3,093		International Flavors & Fragrances, Inc	418
16,067		International Paper Co	910
3,628	*	Intrepid Potash, Inc	8
656		Kaiser Aluminum Corp	58
3,390		Kapstone Paper and Packaging Corp	70
6,735	*	Klondex Mines Ltd	23
329		KMG Chemicals, Inc	16
850	*	Koppers Holdings, Inc	31
1,207	*	Kraton Polymers LLC	42
893		Kronos Worldwide, Inc	16
5,593	*	Louisiana-Pacific Corp	135
901	*,e	LSB Industries, Inc	9
12,892		LyondellBasell Industries AF S.C.A	1,088
2,472		Martin Marietta Materials, Inc	550
774		Materion Corp	29
1,370		Minerals Technologies, Inc	100
17,179		Monsanto Co	2,033
13,749		Mosaic Co	314
871		Myers Industries, Inc	16
642		Neenah Paper, Inc	52
278		NewMarket Corp	128
20,970		Newmont Mining Corp	679
12,488		Nucor Corp	723
6,399		Olin Corp	194
395		Olympic Steel, Inc	8
1,779	*	Omnova Solutions, Inc	17
6,322	*	Owens-Illinois, Inc	151
3,656		Packaging Corp of America	407
1,827		PH Glatfelter Co	36
8,571	*	Platform Specialty Products Corp	109
3,172		PolyOne Corp	123
10,031		PPG Industries, Inc	1,103
11,192		Praxair, Inc	1,484
510		Quaker Chemical Corp	74
1,744		Rayonier Advanced Materials, Inc	27
2,755		Reliance Steel & Aluminum Co	201
2,545		Royal Gold, Inc	199
5,126		RPM International, Inc	280
592	*	Ryerson Holding Corp	6
1,051		Schnitzer Steel Industries, Inc (Class A)	27

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE (000)</u>
1,182		Schweitzer-Mauduit International, Inc	\$ 44
1,721		Scotts Miracle-Gro Co (Class A)	154
7,653		Sealed Air Corp	343
1,713		Sensient Technologies Corp	138
3,201		Sherwin-Williams Co	1,123
2,954		Silgan Holdings, Inc	94
3,868		Sonoco Products Co	199
3,201		Southern Copper Corp (NY)	111
9,128		Steel Dynamics, Inc	327
775		Stepan Co	68
4,229	*	Summit Materials, Inc	122
2,524	*	SunCoke Energy, Inc	28
11,807		Tahoe Resources, Inc	102
1,535	*	TimkenSteel Corp	24
970	*	Trecora Resources	11
1,164		Tredegar Corp	18
1,701		Trinseo S.A.	117
2,505		Tronox Ltd	38
226	*	UFP Technologies, Inc	6
66		United States Lime & Minerals, Inc	5
6,801	e	United States Steel Corp	151
577	*,e	US Concrete, Inc	45
882		Valhi, Inc	3
7,938		Valvoline, Inc	188
1,233	*	Verso Corp	6
5,137		Vulcan Materials Co	651
565		Warrior Met Coal, Inc	10
1,396		Westlake Chemical Corp	92
9,707		WestRock Co	550
1,742	*	Worthington Industries, Inc	87
2,700		WR Grace & Co	194
		TOTAL MATERIALS	33,137
MEDIA - 2.9%			
2,111		AMC Entertainment Holdings, Inc	48
2,104	*	AMC Networks, Inc	112
184		Cable One, Inc	131
13,952		CBS Corp (Class B)	890
3,461	*	Central European Media Enterprises Ltd (Class A) (NASDAQ)	14
7,760	*	Charter Communications, Inc	2,614
4,142		Cinemark Holdings, Inc	161
1,723		Clear Channel Outdoor Holdings, Inc (Class A)	8
184,567		Comcast Corp (Class A)	7,183
46	*	Daily Journal Corp	9
5,957	*	Discovery Communications, Inc (Class A)	154
8,196	*	Discovery Communications, Inc (Class C)	207
8,615	*	DISH Network Corp (Class A)	541
568		Emerald Expositions Events, Inc	12
1,252	e	Entercom Communications Corp (Class A)	13
2,637		Entravision Communications Corp (Class A)	17
798	*,e	Eros International plc	9
2,274	*	EW Scripps Co (Class A)	40
4,415		Gannett Co, Inc	38

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,656	*	Global Eagle Entertainment, Inc	\$ 6
2,680	*	Gray Television, Inc	37
408	*	Hemisphere Media Group, Inc	5
2,264	*	Imax Corp	50
15,423		Interpublic Group of Cos, Inc	379
1,677		John Wiley & Sons, Inc (Class A)	88
428	*	Liberty Braves Group (Class A)	10
1,434	*	Liberty Braves Group (Class C)	34
977	*	Liberty Broadband Corp (Class A)	84
4,040	*	Liberty Broadband Corp (Class C)	350
998	*,e	Liberty Media Group (Class A)	35
4,139	*	Liberty Media Group (Class C)	152
3,486	*	Liberty SiriusXM Group (Class A)	146
6,998	*	Liberty SiriusXM Group (Class C)	292
2,000	*	Lions Gate Entertainment Corp (Class A)	56
3,835	*	Lions Gate Entertainment Corp (Class B)	101
5,305	*	Live Nation, Inc	185
546	*	Loral Space & Communications, Inc	23
729	*	Madison Square Garden Co	144
2,109		MDC Partners, Inc	21
1,545		Meredith Corp	92
2,361	*	MSG Networks, Inc	53
2,714		National CineMedia, Inc	20
1,956		New Media Investment Group, Inc	26
4,795		New York Times Co (Class A)	85
14,857		News Corp	204
4,708		News Corp (Class B)	67
1,776		Nexstar Broadcasting Group, Inc (Class A)	106
9,046		Omnicom Group, Inc	750
787	*	Reading International, Inc	13
4,416		Regal Entertainment Group (Class A)	90
175		Saga Communications, Inc	8
415		Salem Communications	3
1,096		Scholastic Corp	48
3,333		Scripps Networks Interactive (Class A)	228
2,721		Sinclair Broadcast Group, Inc (Class A)	90
57,641	e	Sirius XM Holdings, Inc	315
8,405		TEGNA, Inc	121
30,390		Time Warner, Inc	3,051
3,869		Time, Inc	56
322	*	Townsquare Media, Inc	3
2,837		Tribune Co	116
780	*	tronc, Inc	10
40,813		Twenty-First Century Fox, Inc	1,157
17,156		Twenty-First Century Fox, Inc (Class B)	478
411		Viacom, Inc	16
13,700		Viacom, Inc (Class B)	460
61,334		Walt Disney Co	6,517
1,509		World Wrestling Entertainment, Inc (Class A)	31
		TOTAL MEDIA	28,613
PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES - 8.3%			
62,414		AbbVie, Inc	4,526

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,001	*	Abeona Therapeutics, Inc	\$ 6
3,739	*	Acadia Pharmaceuticals, Inc	104
987	*,e	Accelerate Diagnostics, Inc	27
1,231	*	Acceleron Pharma, Inc	37
1,147	*	Achaogen, Inc	25
4,855	*	Achillion Pharmaceuticals, Inc	22
797	*	Aclaris Therapeutics, Inc	22
1,689	*	Acorda Therapeutics, Inc	33
711	*	Adamas Pharmaceuticals, Inc	12
1,602	*,e	Aduro Biotech, Inc	18
1,291	*,e	Advaxis, Inc	8
1,175	*	Aerie Pharmaceuticals, Inc	62
2,830	*	Agenus, Inc	11
12,664		Agilent Technologies, Inc	751
1,631	*	Agios Pharmaceuticals, Inc	84
1,385	*	Aimmune Therapeutics, Inc	28
1,440	*	Akebia Therapeutics, Inc	21
3,444	*	Akorn, Inc	116
1,060	*	Albany Molecular Research, Inc	23
1,914	*	Alder Biopharmaceuticals, Inc	22
8,530	*	Alexion Pharmaceuticals, Inc	1,038
5,962	*	Alkermes plc	346
13,155		Allergan plc	3,198
2,928	*	Alnylam Pharmaceuticals, Inc	234
1,423	*	AMAG Pharmaceuticals, Inc	26
28,824		Amgen, Inc	4,964
5,590	*,e	Amicus Therapeutics, Inc	56
1,331	*	Amphastar Pharmaceuticals, Inc	24
205	*	AnaptysBio, Inc	5
1,289	*	Anavex Life Sciences Corp	7
292	*	ANI Pharmaceuticals, Inc	14
1,565	*	Aratana Therapeutics, Inc	11
894	*	Ardelyx, Inc	5
1,252	*	Arena Pharmaceuticals, Inc	21
6,749	*	Array Biopharma, Inc	56
541	*	Assembly Biosciences, Inc	11
1,080	*	Asterias Biotherapeutics, Inc	4
969	*	Atara Biotherapeutics, Inc	14
2,944	*	Athersys, Inc	4
576	*	Audentes Therapeutics, Inc	11
793	*	Avexis, Inc	65
1,155	*	Axovant Sciences Ltd	27
873	*,e	Bellicum Pharmaceuticals, Inc	10
3,132	*	BioCryst Pharmaceuticals, Inc	17
8,312	*	Biogen Idec, Inc	2,256
387	*	Biohaven Pharmaceutical Holding Co Ltd	10
6,819	*	BioMarin Pharmaceutical, Inc	619
826	*	Bio-Rad Laboratories, Inc (Class A)	187
213	*	Biospecifics Technologies Corp	11
1,448		Bio-Techne Corp	170
2,650	*,e	BioTime, Inc	8
4,244	*	Bioverativ, Inc	255
1,592	*	Bluebird Bio, Inc	167

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,516	*	Blueprint Medicines Corp	\$ 77
64,550		Bristol-Myers Squibb Co	3,597
4,110		Bruker BioSciences Corp	119
1,175	*	Calithera Biosciences, Inc	17
1,265	*	Cambrex Corp	76
1,052	*,e	Cara Therapeutics Inc	16
1,416	*	Cascadian Therapeutics, Inc	5
4,893	*	Catalent, Inc	172
2,735	*	Catalyst Pharmaceuticals, Inc	8
30,353	*	Celgene Corp	3,942
4,172	*	Celldex Therapeutics, Inc	10
1,716	*	Cempra, Inc	8
1,846	*	Charles River Laboratories International, Inc	187
1,103	*	ChemoCentryx, Inc	10
1,747	*	Chimerix, Inc	10
788	*	Clearside Biomedical, Inc	7
1,527	*	Clovis Oncology, Inc	143
1,501	*	Coherus Biosciences, Inc	22
877	*,e	Collegium Pharmaceutical, Inc	11
642	*	Concert Pharmaceuticals Inc	9
1,005	*	Contatus Pharmaceuticals, Inc	6
1,738	*,e	Corbus Pharmaceuticals Holdings, Inc	11
3,522	*	Corcept Therapeutics, Inc	42
820	*	Corium International, Inc	6
349	*	Corvus Pharmaceuticals, Inc	4
4,829	*	Curis, Inc	9
1,624	*	Cytokinetics, Inc	20
1,148	*	CytomX Therapeutics, Inc	18
2,241	*	Depomed, Inc	24
1,468	*	Dermira, Inc	43
4,800	*	Durect Corp	7
1,590	*,e	Dynavax Technologies Corp	15
323	*,e	Eagle Pharmaceuticals, Inc	25
681	*	Edge Therapeutics, Inc	7
1,310	*,e	Editas Medicine, Inc	22
38,269		Eli Lilly & Co	3,150
1,340	*	Emergent Biosolutions, Inc	45
648	*	Enanta Pharmaceuticals, Inc	23
8,687	*	Endo International plc	97
1,556	*	Enzo Biochem, Inc	17
1,664	*	Epizyme, Inc	25
554	*	Esperion Thereapeutics, Inc	26
4,274	*	Exact Sciences Corp	151
11,271	*	Exelixis, Inc	278
1,546	*	Fate Therapeutics, Inc	5
2,295	*	FibroGen, Inc	74
979	*	Five Prime Therapeutics, Inc	29
1,094	*,e	Flexion Therapeutics Inc	22
1,247	*	Fluidigm Corp	5
1,392	*,e	Fortress Biotech, Inc	7
507	*,e	Foundation Medicine, Inc	20
1,113	*	Genocea Biosciences Inc	6
810	*	Genomic Health, Inc	26

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
6,445	*,e	Geron Corp	\$ 18
50,976		Gilead Sciences, Inc	3,608
1,425	*	Global Blood Therapeutics, Inc	39
4,274	*	Halozyme Therapeutics, Inc	55
1,743	*,e	Heron Therapeutics, Inc	24
236	*	Heska Corp	24
6,384	*	Horizon Pharma plc	76
2,542	*,e	Idera Pharmaceuticals, Inc	4
1,927	*	Ignyta, Inc	20
5,710	*	Illumina, Inc	991
484	*	Immune Design Corp	5
3,349	*,e	Immunogen, Inc	24
3,945	*,e	Immunomedics, Inc	35
2,888	*	Impax Laboratories, Inc	47
2,126	*	INC Research Holdings, Inc	124
6,587	*	Incyte Corp	829
2,960	*	Innoviva, Inc	38
2,690	*,e	Inovio Pharmaceuticals, Inc	21
2,469	*	Insmed, Inc	42
998	*,e	Insys Therapeutics, Inc	13
561	*,e	Intellia Therapeutics, Inc	9
696	*,e	Intercept Pharmaceuticals, Inc	84
1,040	*	Intersect ENT, Inc	29
1,415	*	Intra-Cellular Therapies, Inc	18
2,121	*,e	Intrexon Corp	51
1,468	*	Invitae Corp	14
4,834	*	Ionis Pharmaceuticals, Inc	246
1,951	*	Iovance Biotherapeutics, Inc	14
5,284	*	Ironwood Pharmaceuticals, Inc	100
105,682		Johnson & Johnson	13,981
241	*	Jounce Therapeutics, Inc	3
2,598	*,e	Juno Therapeutics, Inc	78
1,273	*	Karyopharm Therapeutics, Inc	12
3,304	*,e	Keryx Biopharmaceuticals, Inc	24
841	*	Kindred Biosciences Inc	7
1,897	*,e	Kite Pharma, Inc	197
542	*	Kura Oncology, Inc	5
669	*	La Jolla Pharmaceutical Co	20
1,137	*,e	Lannett Co, Inc	23
1,763	*,e	Lexicon Pharmaceuticals, Inc	29
773	*	Ligand Pharmaceuticals, Inc (Class B)	94
777	*	Loxo Oncology, Inc	62
1,582		Luminex Corp	33
1,309	*	MacroGenics, Inc	23
3,881	*	Mallinckrodt plc	174
2,134	*	Matinas BioPharma Holdings, Inc	4
2,689	*	Medicines Co	102
1,230	*,e	MediciNova, Inc	6
289	*	Medpace Holdings, Inc	8
107,295		Merck & Co, Inc	6,876
4,612		Merrimack Pharmaceuticals, Inc	6
996	*	Mettler-Toledo International, Inc	586
4,015	*,e	MiMedx Group, Inc	60

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
684	*	Minerva Neurosciences, Inc	\$ 6
520	*,e	Miragen Therapeutics, Inc	7
2,874	*	Momenta Pharmaceuticals, Inc	49
20,833	*	Mylan NV	809
480	*	MyoKardia, Inc	6
2,502	*	Myriad Genetics, Inc	65
689	*	NanoString Technologies, Inc	11
1,198	*,e	NantKwest, Inc	9
1,110	*	Natera, Inc	12
5,771	*	Nektar Therapeutics	113
2,201	*	NeoGenomics, Inc	20
564	*,e	Neos Therapeutics, Inc	4
3,420	*	Neurocrine Biosciences, Inc	157
866	*	NewLink Genetics Corp	6
11,296	*	Novavax, Inc	13
591	*	Novelion Therapeutics, Inc	5
1,041	*,e	Nymox Pharmaceutical Corp	5
894	*,e	Ocular Therapeutix, Inc	8
1,629	*,e	Omeros Corp	32
13,300	*,e	Opko Health, Inc	88
2,776	*,e	Organovo Holdings, Inc	7
1,016	*	Otonomy, Inc	19
3,094	*	Pacific Biosciences of California, Inc	11
1,521	*	Pacira Pharmaceuticals, Inc	73
934	*	Paratek Pharmaceuticals, Inc	23
1,961	*	Parexel International Corp	170
1,295	*	Patheon NV	45
7,108		PDL BioPharma, Inc	18
4,283		PerkinElmer, Inc	292
5,027		Perrigo Co plc	380
231,822		Pfizer, Inc	7,787
720		Phibro Animal Health Corp	27
1,321	*,e	Pieris Pharmaceuticals, Inc	7
1,961	*	Portola Pharmaceuticals, Inc	110
1,513	*	PRA Health Sciences, Inc	113
2,080	*	Prestige Brands Holdings, Inc	110
2,427	*	Progenics Pharmaceuticals, Inc	16
282	*	Protagonist Therapeutics, Inc	3
1,437	*,e	Prothena Corp plc	78
1,436	*	PTC Therapeutics, Inc	26
1,119	*	Puma Biotechnology, Inc	98
8,962		QIAGEN NV	300
4,971	*	Quintiles Transnational Holdings, Inc	445
442	*	Ra Pharmaceuticals, Inc	8
1,455	*,e	Radius Health, Inc	66
341	*	Reata Pharmaceuticals, Inc	11
456	*	Recro Pharma, Inc	3
3,072	*	Regeneron Pharmaceuticals, Inc	1,509
1,062	*	REGENXBIO, Inc	21
1,344	*	Repligen Corp	56
1,469	*	Retrophin, Inc	28
879	*	Revance Therapeutics, Inc	23
4,657	*	Rigel Pharmaceuticals, Inc	13

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,343	*	Sage Therapeutics, Inc	\$ 107
2,773	*	Sangamo Biosciences, Inc	24
2,006	*	Sarepta Therapeutics, Inc	68
2,282	*	Sciclone Pharmaceuticals, Inc	25
3,768	*	Seattle Genetics, Inc	195
474	*	Selecta Biosciences, Inc	9
745	*,e	Seres Therapeutics, Inc	8
897	*	Spark Therapeutics, Inc	54
2,652	*	Spectrum Pharmaceuticals, Inc	20
834	*	Stemline Therapeutics, Inc	8
807	*	Strongbridge Biopharma plc	6
1,048	*	Sucampo Pharmaceuticals, Inc (Class A)	11
1,839	*	Supernus Pharmaceuticals, Inc	79
359	*	Syndax Pharmaceuticals, Inc	5
8,840	*,e	Synergy Pharmaceuticals, Inc	39
496	*	Syros Pharmaceuticals, Inc	8
1,333	*,e	Teligent, Inc	12
1,448	*	TESARO, Inc	203
1,526	*	Tetraphase Pharmaceuticals, Inc	11
1,870	*,e	TG Therapeutics, Inc	19
5,906	*,e	TherapeuticsMD, Inc	31
1,625	*	Theravance Biopharma, Inc	65
15,295		Thermo Fisher Scientific, Inc	2,669
390	*,m	Tobira Therapeutics, Inc	5
332	*	Tocagen, Inc	4
1,790	*	Trevena, Inc	4
1,517	*	Ultragenyx Pharmaceutical, Inc	94
1,741	*	United Therapeutics Corp	226
1,691	*	Vanda Pharmaceuticals, Inc	28
907	*,e	VBI Vaccines, Inc	4
594	*	Veracyte, Inc	5
1,272	*	Versartis, Inc	22
9,747	*	Vertex Pharmaceuticals, Inc	1,256
484	*	Voyager Therapeutics, Inc	4
3,326	*	VWR Corp	110
2,990	*	Waters Corp	550
475	*	WaVe Life Sciences Pte Ltd	9
663	*,e	XBiotech, Inc	3
1,460	*	Xencor Inc	31
4,815	*,e	ZIOPHARM Oncology, Inc	30
19,234		Zoetis, Inc	1,200
845	*	Zogenix, Inc	12
430	*,e	Zynerba Pharmaceuticals, Inc	7
		TOTAL PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES	<u>82,136</u>
REAL ESTATE - 4.1%			
3,250		Acadia Realty Trust	90
943		Agree Realty Corp	43
1,789		Alexander & Baldwin, Inc	74
87		Alexander's, Inc	37
3,523		Alexandria Real Estate Equities, Inc	424
466	*,e	Altisource Portfolio Solutions S.A.	10
1,944		Altisource Residential Corp	25

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,599	American Assets Trust, Inc	\$ 63
5,246	American Campus Communities, Inc	248
8,855	American Homes 4 Rent	200
16,557	American Tower Corp	2,191
6,168	Apartment Investment & Management Co (Class A)	265
8,081	Apple Hospitality REIT, Inc	151
1,658	Armada Hoffler Properties, Inc	21
1,249	Ashford Hospitality Prime, Inc	13
3,090	Ashford Hospitality Trust, Inc	19
454	* AV Homes, Inc	9
5,400	AvalonBay Communities, Inc	1,038
769	Bluerock Residential Growth REIT, Inc	10
6,042	Boston Properties, Inc	743
6,772	Brandywine Realty Trust	119
11,939	Brixmor Property Group, Inc	213
3,382	Camden Property Trust	289
3,266	Care Capital Properties, Inc	87
2,763	CareTrust REIT, Inc	51
1,667	CatchMark Timber Trust Inc	19
6,537	e CBL & Associates Properties, Inc	55
11,486	* CBRE Group, Inc	418
3,595	Cedar Realty Trust, Inc	17
1,449	Chatham Lodging Trust	29
2,308	Chesapeake Lodging Trust	56
1,087	City Office REIT, Inc	14
544	Clipper Realty, Inc	7
21,053	Colony NorthStar, Inc	297
3,925	Colony Starwood Homes	135
4,776	Columbia Property Trust, Inc	107
498	Community Healthcare Trust, Inc	13
159	Consolidated-Tomoka Land Co	9
4,609	CoreCivic, Inc	127
419	CorEnergy Infrastructure Trust, Inc	14
1,335	Coresite Realty	138
3,896	Corporate Office Properties Trust	136
16,091	Cousins Properties, Inc	141
14,307	Crown Castle International Corp	1,433
7,123	CubeSmart	171
3,383	CyrusOne, Inc	189
3,638	DCT Industrial Trust, Inc	194
12,102	DDR Corp	110
7,801	DiamondRock Hospitality Co	85
6,244	Digital Realty Trust, Inc	705
5,662	Douglas Emmett, Inc	216
13,997	Duke Realty Corp	391
3,070	DuPont Fabros Technology, Inc	188
1,340	Easterly Government Properties, Inc	28
1,286	EastGroup Properties, Inc	108
2,840	Education Realty Trust, Inc	110
5,016	Empire State Realty Trust, Inc	104
2,455	Entertainment Properties Trust	176
3,042	Equinix, Inc	1,306
4,669	* Equity Commonwealth	148

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
3,181		Equity Lifestyle Properties, Inc	\$ 275
13,990		Equity Residential	921
2,558		Essex Property Trust, Inc	658
4,746		Extra Space Storage, Inc	370
967	e	Farmland Partners, Inc	9
2,807		Federal Realty Investment Trust	355
5,035		FelCor Lodging Trust, Inc	36
4,527		First Industrial Realty Trust, Inc	130
2,237		First Potomac Realty Trust	25
8,966		Forest City Realty Trust, Inc	217
1,479	*	Forestar Group, Inc	25
2,420		Four Corners Property Trust, Inc	61
4,124		Franklin Street Properties Corp	46
309	*	FRP Holdings, Inc	14
7,699		Gaming and Leisure Properties, Inc	290
4,728		Geo Group, Inc	140
1,064		Getty Realty Corp	27
23,995		GGP, Inc	565
881		Gladstone Commercial Corp	19
547	e	Global Medical REIT, Inc	5
2,475	*	Global Net Lease, Inc	55
2,836		Government Properties Income Trust	52
5,894		Gramercy Property Trust	175
18,421		HCP, Inc	589
4,494		Healthcare Realty Trust, Inc	153
7,668		Healthcare Trust of America, Inc	239
1,493		Hersha Hospitality Trust	28
1,412		HFF, Inc (Class A)	49
3,908		Highwoods Properties, Inc	198
6,332		Hospitality Properties Trust	185
28,532		Host Marriott Corp	521
1,318	*	Howard Hughes Corp	162
6,080		Hudson Pacific Properties	208
2,619		Independence Realty Trust, Inc	26
4,600		Investors Real Estate Trust	29
3,361		Invitation Homes, Inc	73
10,280		Iron Mountain, Inc	353
2,674	*	iStar Financial, Inc	32
322		Jernigan Capital, Inc	7
1,760		Jones Lang LaSalle, Inc	220
3,233		Kennedy-Wilson Holdings, Inc	62
3,767		Kilroy Realty Corp	283
16,000		Kimco Realty Corp	294
3,243		Kite Realty Group Trust	61
3,232		Lamar Advertising Co	238
4,394		LaSalle Hotel Properties	131
8,402		Lexington Realty Trust	83
5,755		Liberty Property Trust	234
1,802		Life Storage, Inc	134
1,530		LTC Properties, Inc	79
5,384		Macerich Co	313
3,534		Mack-Cali Realty Corp	96
569	*	Marcus & Millichap, Inc	15

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
231	*	Maui Land & Pineapple Co, Inc	\$ 5
996		MedEquities Realty Trust, Inc	13
14,060		Medical Properties Trust, Inc	181
4,427		Mid-America Apartment Communities, Inc	467
2,597		Monmouth Real Estate Investment Corp (Class A)	39
6,578		Monogram Residential Trust, Inc	64
1,549		National Health Investors, Inc	123
5,838		National Retail Properties, Inc	228
1,700		National Storage Affiliates Trust	39
3,164		New Senior Investment Group, Inc	32
662		NexPoint Residential Trust, Inc	16
2,094		NorthStar Realty Europe Corp	27
7,596		Omega Healthcare Investors, Inc	251
567		One Liberty Properties, Inc	13
5,413		Outfront Media, Inc	125
7,621		Paramount Group, Inc	122
5,016		Park Hotels & Resorts, Inc	135
1,763		Parkway, Inc	40
2,664		Pebblebrook Hotel Trust	86
2,702		Pennsylvania REIT	31
5,940		Physicians Realty Trust	120
5,677		Piedmont Office Realty Trust, Inc	120
1,554		Potlatch Corp	71
1,043		Preferred Apartment Communities, Inc	16
20,624		Prologis, Inc	1,209
762		PS Business Parks, Inc	101
5,807		Public Storage, Inc	1,211
1,829		QTS Realty Trust, Inc	96
3,795	*	Quality Care Properties, Inc	69
3,606		RAIT Investment Trust	8
3,057		Ramco-Gershenson Properties	39
4,991		Rayonier, Inc	144
732		Re/Max Holdings, Inc	41
5,305		Realogy Holdings Corp	172
10,691		Realty Income Corp	590
5,824		Regency Centers Corp	365
4,204		Retail Opportunities Investment Corp	81
9,278		Retail Properties of America, Inc	113
2,561		Rexford Industrial Realty, Inc	70
4,790		RLJ Lodging Trust	95
283		RMR Group, Inc	14
1,712		Ryman Hospitality Properties	110
2,495		Sabra Healthcare REIT, Inc	60
392		Saul Centers, Inc	23
4,707	*	SBA Communications Corp	635
2,564		Select Income REIT	62
9,263		Senior Housing Properties Trust	189
990	c	Seritage Growth Properties	42
12,205		Simon Property Group, Inc	1,974
3,877		SL Green Realty Corp	410
18,856		Spirit Realty Capital, Inc	140
1,876	*	St. Joe Co	35
3,470	*	STAG Industrial, Inc	96

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
6,501		STORE Capital Corp	\$ 146
218		Stratus Properties, Inc	6
3,928		Summit Hotel Properties, Inc	73
2,801		Sun Communities, Inc	246
8,527		Sunstone Hotel Investors, Inc	137
3,676		Tanger Factory Outlet Centers, Inc	96
2,340		Taubman Centers, Inc	139
695	*	Tejon Ranch Co	14
1,821		Terreno Realty Corp	61
1,934		Tier REIT, Inc	36
761	*	Trinity Place Holdings, Inc	5
10,443		UDR, Inc	407
994		UMH Properties, Inc	17
6,462		Uniti Group, Inc	162
496		Universal Health Realty Income Trust	39
3,855		Urban Edge Properties	91
1,188		Urstadt Biddle Properties, Inc (Class A)	24
13,873		Ventas, Inc	964
38,221		VEREIT, Inc	311
6,739		Vornado Realty Trust	633
7,181		Washington Prime Group, Inc	60
3,060		Washington REIT	98
4,685		Weingarten Realty Investors	141
14,344		Welltower, Inc	1,074
29,176		Weyerhaeuser Co	977
1,293	e	Whitestone REIT	16
4,118		WP Carey, Inc	272
4,278		Xenia Hotels & Resorts, Inc	83
		TOTAL REAL ESTATE	<u>40,278</u>
RETAILING - 4.9%			
1,264	*	1-800-FLOWERS.COM, Inc (Class A)	12
2,429		Aaron's, Inc	94
2,820		Abercrombie & Fitch Co (Class A)	35
2,788		Advance Auto Parts, Inc	325
15,570	*	Amazon.com, Inc	15,072
6,324		American Eagle Outfitters, Inc	76
367	*e	America's Car-Mart, Inc	14
727	*	Asbury Automotive Group, Inc	41
164	*	At Home Group, Inc	4
2,501	*	Autonation, Inc	105
1,112	*	AutoZone, Inc	634
1,364	*	Barnes & Noble Education, Inc	15
2,159		Barnes & Noble, Inc	16
5,381		Bed Bath & Beyond, Inc	164
10,331		Best Buy Co, Inc	592
824	e	Big 5 Sporting Goods Corp	11
1,715		Big Lots, Inc	83
517	*	Boot Barn Holdings, Inc	4
1,023	e	Buckle, Inc	18
512	*	Build-A-Bear Workshop, Inc	5
2,706	*	Burlington Stores, Inc	249
1,981	*	Cabela's, Inc	118

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,517		Caleres, Inc	\$ 42
437		Camping World Holdings, Inc	13
7,229	*	Carmax, Inc	456
575	*,e	Carvana Co	12
966		Cato Corp (Class A)	17
4,716		Chico's FAS, Inc	44
670		Children's Place Retail Stores, Inc	68
619		Citi Trends, Inc	13
708	*	Conn's, Inc	14
764	*	Container Store Group, Inc	5
1,858		Core-Mark Holding Co, Inc	61
3,329		Dick's Sporting Goods, Inc	133
590	e	Dillard's, Inc (Class A)	34
10,773		Dollar General Corp	777
8,968	*	Dollar Tree, Inc	627
2,574		DSW, Inc (Class A)	46
404	*,e	Duluth Holdings, Inc	7
4,286	*	Etsy, Inc	64
4,725		Expedia, Inc	704
3,087	*	Express Parent LLC	21
1,519		Finish Line, Inc (Class A)	22
2,096	*	Five Below, Inc	103
405	*	Floor & Decor Holdings, Inc	16
5,107		Foot Locker, Inc	252
1,652	*	Francesca's Holdings Corp	18
1,409	e	Fred's, Inc (Class A)	13
724	*	FTD Cos, Inc	14
322	*	Gaia, Inc	4
3,829		GameStop Corp (Class A)	83
9,382		Gap, Inc	206
737	*	Genesco, Inc	25
5,622		Genuine Parts Co	521
2,663	e	GNC Holdings, Inc	22
787		Group 1 Automotive, Inc	50
13,160	*	Groupon, Inc	51
2,487		Guess?, Inc	32
715		Haverty Furniture Cos, Inc	18
948	*	Hibbett Sports, Inc	20
47,086		Home Depot, Inc	7,223
1,263		HSN, Inc	40
437	*	J. Jill, Inc	5
12,004	*,e	JC Penney Co, Inc	56
705	*	Kirkland's, Inc	7
6,723		Kohl's Corp	260
9,393		L Brands, Inc	506
487	*,e	Lands' End, Inc	7
2,114	*	Liberty Expedia Holdings, Inc	114
16,138	*	Liberty Interactive Corp	396
3,006	*	Liberty TripAdvisor Holdings, Inc	35
3,088	*	Liberty Ventures	161
908		Lithia Motors, Inc (Class A)	86
12,079	*	LKQ Corp	398
33,607		Lowe's Companies, Inc	2,606

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,099	*,e	Lumber Liquidators, Inc	\$ 28
11,947		Macy's, Inc	278
1,129	*	MarineMax, Inc	22
4,461	*	Michaels Cos, Inc	83
1,185		Monro Muffler, Inc	49
1,357	*	Murphy USA, Inc	101
16,067	*	NetFlix, Inc	2,401
4,562	e	Nordstrom, Inc	218
1,156		Nutri/System, Inc	60
19,657		Office Depot, Inc	111
1,846	*	Ollie's Bargain Outlet Holdings, Inc	79
3,506	*	O'Reilly Automotive, Inc	767
567	*	Overstock.com, Inc	9
1,066	*,e	Party City Holdco, Inc	17
1,385		Penske Auto Group, Inc	61
765	e	PetMed Express, Inc	31
3,298		Pier 1 Imports, Inc	17
1,923	*	Priceline.com, Inc	3,597
1,673	e	Rent-A-Center, Inc	20
1,378	*,e	RH	89
15,022		Ross Stores, Inc	867
5,321	*	Sally Beauty Holdings, Inc	108
1,596	*	Select Comfort Corp	57
576		Shoe Carnival, Inc	12
1,315	*	Shutterfly, Inc	62
2,675	e	Signet Jewelers Ltd	169
1,157		Sonic Automotive, Inc (Class A)	23
1,434	*,e	Sportsman's Warehouse Holdings, Inc	8
25,536		Staples, Inc	257
1,859	e	Tailored Brands, Inc	21
21,634		Target Corp	1,131
4,221		Tiffany & Co	396
1,314		Tile Shop Holdings, Inc	27
432		Tilly's, Inc	4
25,245		TJX Companies, Inc	1,822
5,032		Tractor Supply Co	273
4,356	*	TripAdvisor, Inc	166
2,311	*	Ulta Beauty, Inc	664
3,362	*	Urban Outfitters, Inc	62
990	*	Vitamin Shoppe, Inc	12
1,500	*	Wayfair, Inc	115
640		West Marine, Inc	8
3,375		Williams-Sonoma, Inc	164
94		Winmark Corp	12
686	*	Zumiez, Inc	8
		TOTAL RETAILING	<u>48,701</u>
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT - 3.4%			
716	*,e	Acacia Communications, Inc	30
1,546	*	Advanced Energy Industries, Inc	100
32,226	*	Advanced Micro Devices, Inc	402
844	*	Alpha & Omega Semiconductor Ltd	14
1,266	*,e	Ambarella, Inc	61

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
3,751	*	Amkor Technology, Inc	\$ 37
14,150		Analog Devices, Inc	1,101
42,297		Applied Materials, Inc	1,747
1,183	*	Axcelis Technologies, Inc	25
1,452	*	AXT, Inc	9
15,628		Broadcom Ltd	3,642
2,689		Brooks Automation, Inc	58
961		Cabot Microelectronics Corp	71
2,572	*	Cavium, Inc	160
839	*	Ceva, Inc	38
2,507	*	Cirrus Logic, Inc	157
1,050		Cohu, Inc	16
3,781	*	Cree, Inc	93
248	*	CyberOptics Corp	5
12,862		Cypress Semiconductor Corp	176
1,498	*	Diodes, Inc	36
845	*	DSP Group, Inc	10
5,537	*	Entegris, Inc	122
3,179	*	First Solar, Inc	127
2,989	*	Formfactor, Inc	37
500	*	GSI Technology, Inc	4
445	*	Ichor Holdings Ltd	9
705	*,e	Impinj, Inc	34
1,603	*	Inphi Corp	55
5,139	*	Integrated Device Technology, Inc	133
184,719		Intel Corp	6,233
965		IXYS Corp	16
6,140		Kla-Tencor Corp	562
2,498	*	Kopin Corp	9
6,310		Lam Research Corp	892
5,097	*	Lattice Semiconductor Corp	34
1,568	*	MA-COM Technology Solutions	87
15,744		Marvell Technology Group Ltd	260
10,958		Maxim Integrated Products, Inc	492
2,280	*	MaxLinear, Inc	64
8,293		Microchip Technology, Inc	640
40,932	*	Micron Technology, Inc	1,222
4,508	*	Microsemi Corp	211
2,066		MKS Instruments, Inc	139
1,572		Monolithic Power Systems, Inc	152
1,014	*	Nanometrics, Inc	26
1,216	*,e	NeoPhotonics Corp Ltd	9
192		NVE Corp	15
22,274		NVIDIA Corp	3,220
13,043	*	NXP Semiconductors NV	1,428
16,325	*	ON Semiconductor Corp	229
1,181	*	PDF Solutions, Inc	19
2,703	*	Photronics, Inc	25
1,047	*	Pixelworks, Inc	5
1,113		Power Integrations, Inc	81
4,953	*	Qorvo, Inc	314
57,904		Qualcomm, Inc	3,197
4,243	*	Rambus, Inc	48

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,221	*	Rudolph Technologies, Inc	\$ 28
2,520	*	Semtech Corp	90
1,460	*	Sigma Designs, Inc	9
1,625	*	Silicon Laboratories, Inc	111
7,221		Skyworks Solutions, Inc	693
2,299	*,e	SunPower Corp	21
7,814		Teradyne, Inc	235
39,103		Texas Instruments, Inc	3,008
1,266	*	Ultra Clean Holdings	24
1,833	*	Veeco Instruments, Inc	51
4,186		Versum Materials, Inc	136
2,114	*	Xcerra Corp	21
9,741		Xilinx, Inc	627
1,849		Xperi Corp	55
		TOTAL SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT	<u>33,247</u>
SOFTWARE & SERVICES - 12.7%			
1,702	*	2U, Inc	80
3,462	*	8x8, Inc	50
1,883	*	A10 Networks, Inc	16
24,305		Accenture plc	3,006
4,522	*	ACI Worldwide, Inc	101
28,962		Activision Blizzard, Inc	1,667
1,196	*	Actua Corp	17
3,018	*	Acxiom Corp	78
19,344	*	Adobe Systems, Inc	2,736
6,593	*	Akamai Technologies, Inc	328
792	*	Alarm.com Holdings, Inc	30
1,900		Alliance Data Systems Corp	488
11,664	*	Alphabet, Inc (Class A)	10,844
11,849	*	Alphabet, Inc (Class C)	10,768
345	*	Alteryx, Inc	7
781	*	Amber Road, Inc	7
5,686		Amdocs Ltd	366
1,091	*	American Software, Inc (Class A)	11
1,584	*,e	Angie's List, Inc	20
3,344	*	Ansys, Inc	407
244	*	Appfolio, Inc	8
679	*	Apptio, Inc	12
2,929	*	Aspen Technology, Inc	162
2,857	*	Atlassian Corp plc	100
8,130	*	Autodesk, Inc	820
17,530		Automatic Data Processing, Inc	1,796
1,988	*	Bankrate, Inc	26
898	*	Barracuda Networks, Inc	21
3,330	*	Bazaarvoice, Inc	16
613	*,e	Benefitfocus, Inc	22
1,120	*,e	Black Knight Financial Services, Inc	46
1,852		Blackbaud, Inc	159
2,122	*	Blackhawk Network Holdings, Inc	92
433	*	Blackline, Inc	15
1,604	*	Blucora, Inc	34
5,706		Booz Allen Hamilton Holding Co	186

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,563	*	Bottomline Technologies, Inc	\$ 40
3,062	*	Box, Inc	56
1,247	*	Brightcove, Inc	8
4,595		Broadridge Financial Solutions, Inc	347
1,199	*	BroadSoft, Inc	52
12,264		CA, Inc	423
946	*	CACI International, Inc (Class A)	118
10,847	*	Cadence Design Systems, Inc	363
2,494	*	Callidus Software, Inc	60
960	*	Carbonite, Inc	21
589	*,e	CardConnect Corp	9
1,770	*	Cardtronics plc	58
534	*	Care.com, Inc	8
2,801	*,e	Cars.com, Inc	75
437		Cass Information Systems, Inc	29
5,282		CDK Global, Inc	328
921	*	ChannelAdvisor Corp	11
974	*,e	Cimpress NV	92
5,918	*	Citrix Systems, Inc	471
514	*,e	Cloudera, Inc	8
22,909		Cognizant Technology Solutions Corp (Class A)	1,521
1,101	*	CommerceHub, Inc	19
550	*	CommerceHub, Inc (Series A)	10
1,509	*	Commvault Systems, Inc	85
7,418	*	Conduent, Inc	118
3,726		Convergys Corp	89
2,077	*	Cornerstone OnDemand, Inc	74
1,257	*	CoStar Group, Inc	331
1,159	*,e	Coupa Software, Inc	34
1,299		CSG Systems International, Inc	53
6,290		CSRA, Inc	200
8,025	*	Dell Technologies, Inc-VMware Inc	490
1,843	*	DHI Group, Inc	5
335	*,e	Digimarc Corp	13
2,395		DST Systems, Inc	148
11,082	*	DXC Technology Co	850
39,663	*	eBay, Inc	1,385
927	e	Ebix, Inc	50
11,737	*	Electronic Arts, Inc	1,241
1,316	*	Ellie Mae, Inc	145
2,483	*	Endurance International Group Holdings, Inc	21
1,037	*	EnerNOC, Inc	8
1,657	*	Envestnet, Inc	66
1,908	*	EPAM Systems, Inc	160
1,952	*	Euronet Worldwide, Inc	171
662	*	Everbridge, Inc	16
2,472	*	Everi Holdings, Inc	18
2,375		EVERTEC, Inc	41
544	*	EXA Corp	7
1,241	*	ExlService Holdings, Inc	69
91,465	*	Facebook, Inc	13,809
1,192		Fair Isaac Corp	166
12,859		Fidelity National Information Services, Inc	1,098

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
6,880	*	FireEye, Inc	\$ 105
3,306	*	First American Corp	143
14,439	*	First Data Corp	263
8,303	*	Fiserv, Inc	1,016
2,029	*	Five9, Inc	44
3,593	*	FleetCor Technologies, Inc	518
381		Forrester Research, Inc	15
5,752	*	Fortinet, Inc	215
3,425	*	Gartner, Inc	423
5,261		Genpact Ltd	146
1,400	*	Gigamon, Inc	55
5,943		Global Payments, Inc	537
315	*	Global Sources Ltd	6
5,108	*	Glu Mobile, Inc	13
3,065	*	GoDaddy, Inc	130
2,248	*,e	Gogo, Inc	26
3,333	*	GrubHub, Inc	145
1,166	*	GTT Communications, Inc	37
680	*	Guidance Software, Inc	4
2,905	*	Guidewire Software, Inc	200
1,077		Hackett Group, Inc	17
1,639	*	Hortonworks, Inc	21
1,304	*	HubSpot, Inc	86
2,708	*	IAC/InterActiveCorp	280
1,304	*	Imperva, Inc	62
1,377	*	Information Services Group, Inc	6
825	*	Instructure, Inc	24
3,160	*,e	Intermap Network Services Corp	12
33,673		International Business Machines Corp	5,180
9,535		Intuit, Inc	1,266
1,794		j2 Global, Inc	153
3,038		Jack Henry & Associates, Inc	316
487	*	Leaf Group Ltd	4
5,555		Leidos Holdings, Inc	287
3,363	*	Limelight Networks, Inc	10
1,143	*	Liquidity Services, Inc	7
2,140	*	Liveperson, Inc	24
2,029		LogMeIn, Inc	212
2,696	*	Manhattan Associates, Inc	130
1,025		Mantech International Corp (Class A)	42
36,949		MasterCard, Inc (Class A)	4,487
1,373	*	Match Group, Inc	24
2,490		MAXIMUS, Inc	156
2,453	*	Meet Group, Inc	12
293,932		Microsoft Corp	20,261
367	*	MicroStrategy, Inc (Class A)	70
1,433	*	MINDBODY, Inc	39
1,253	*	Mitek Systems, Inc	11
1,693	*	MobileIron, Inc	10
844	*	Model N, Inc	11
1,065	*	MoneyGram International, Inc	18
1,609		Monotype Imaging Holdings, Inc	29
570	*	MuleSoft, Inc	14

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
216		NCI, Inc (Class A)	\$ 5
2,113	*	NeuStar, Inc (Class A)	70
1,138	*	New Relic, Inc	49
2,596		NIC, Inc	49
11,208	*	Nuance Communications, Inc	195
1,354	*,e	Nutanix, Inc	27
446	*	Okta, Inc	10
545	*,e	Ominto, Inc	8
112,712		Oracle Corp	5,651
9,063	*,e	Pandora Media, Inc	81
444	*,e	Park City Group, Inc	5
12,536		Paychex, Inc	714
1,911	*	Paycom Software, Inc	131
1,003	*	Paylocity Holding Corp	45
44,370	*	PayPal Holdings, Inc	2,381
1,438		Pegasystems, Inc	84
1,320	*	Perficient, Inc	25
1,710	*	Planet Payment, Inc	6
707	*	Presidio, Inc	10
1,791		Progress Software Corp	55
1,685	*	Proofpoint, Inc	146
1,099	*	PROS Holdings, Inc	30
4,489	*	PTC, Inc	247
1,206	*	Q2 Holdings, Inc	45
400		QAD, Inc (Class A)	13
1,213	*	Qualys, Inc	49
1,192	*	QuinStreet, Inc	5
2,851	*	Quotient Technology, Inc	33
809	*	Rapid7, Inc	14
1,085	*	RealNetworks, Inc	5
2,285	*	RealPage, Inc	82
6,945	*	Red Hat, Inc	665
393		Reis, Inc	8
390	*	Rightside Group Ltd	4
2,430	*	RingCentral, Inc	89
1,423	*	Rocket Fuel, Inc	4
750	*	Rosetta Stone, Inc	8
1,562	*	Rubicon Project, Inc	8
8,252		Sabre Corp	180
26,480	*	salesforce.com, Inc	2,293
1,738		Science Applications International Corp	121
257	*,e	SecureWorks Corp	2
6,536	*	ServiceNow, Inc	693
2,827	*	ServiceSource International LLC	11
719	*	Shutterstock, Inc	32
1,525	*	Silver Spring Networks, Inc	17
5,383	*	Splunk, Inc	306
690	*	SPS Commerce, Inc	44
8,664	*	Square, Inc	203
6,722		SS&C Technologies Holdings, Inc	258
618	*,e	Stamps.com, Inc	96
352	*	StarTek, Inc	4
1,511	*	Sykes Enterprises, Inc	51

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
24,090		Symantec Corp	\$ 681
1,690	*	Synchronoss Technologies, Inc	28
5,858	*	Synopsys, Inc	427
1,329		Syntel, Inc	23
2,342	*	Tableau Software, Inc	143
3,882	*	Take-Two Interactive Software, Inc	285
708	*	TechTarget, Inc	7
834	*	TeleNav, Inc	7
541		TeleTech Holdings, Inc	22
5,039	*	Teradata Corp	149
4,511		TiVo Corp	84
7,092		Total System Services, Inc	413
674	*	Trade Desk, Inc	34
4,786		Travelport Worldwide Ltd	66
2,406	*	TrueCar, Inc	48
349	*,e	Tucows, Inc	19
2,425	*,e	Twilio, Inc	71
26,135	*	Twitter, Inc	467
1,348	*	Tyler Technologies, Inc	237
1,115	*	Ultimate Software Group, Inc	234
2,160	*,e	Unisys Corp	28
265	*	Upland Software, Inc	6
6,275	*	Vantiv, Inc	397
743	*	Varonis Systems, Inc	28
1,227	*	Vasco Data Security International	18
2,429	*	Verint Systems, Inc	99
3,436	*	VeriSign, Inc	319
2,063	*,e	VirnetX Holding Corp	9
1,072	*	Virtusa Corp	31
72,456		Visa, Inc (Class A)	6,795
2,801	*,e	VMware, Inc (Class A)	245
1,457	*	WebMD Health Corp (Class A)	85
1,495	*	Website Pros, Inc	38
18,469		Western Union Co	352
1,532	*	WEX, Inc	160
5,096	*	Workday, Inc	494
912	*	Workiva, Inc	17
929	*	Xactly Corp	15
886	*	XO Group, Inc	16
3,020	*	Yelp, Inc	91
452	*,e	Yext, Inc	6
3,760	*	Zendesk, Inc	104
2,077	*	Zillow Group, Inc	101
4,117	*	Zillow Group, Inc (Class C)	202
2,044	*	Zix Corp	12
30,167	*	Zynga, Inc	110
		TOTAL SOFTWARE & SERVICES	<u>125,542</u>
TECHNOLOGY HARDWARE & EQUIPMENT - 5.3%			
4,245	*,e	3D Systems Corp	79
1,869		Adtran, Inc	39
932	*	Aerohive Networks, Inc	5
596	*	Agilysys, Inc	6

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
11,682		Amphenol Corp (Class A)	\$ 862
1,131	*	Anixter International, Inc	88
204,473		Apple, Inc	29,448
712	*,e	Applied Optoelectronics, Inc	44
2,066	*	Arista Networks, Inc	309
7,042	*	ARRIS International plc	197
3,457	*	Arrow Electronics, Inc	271
1,363	*	Avid Technology, Inc	7
4,866		Avnet, Inc	189
1,630		AVX Corp	27
1,096		Badger Meter, Inc	44
429		Bel Fuse, Inc (Class B)	11
1,632		Belden CDT, Inc	123
1,932	*	Benchmark Electronics, Inc	62
15,786		Brocade Communications Systems, Inc	199
1,369	*	CalAmp Corp	28
1,907	*	Calix, Inc	13
5,990		CDW Corp	375
5,590	*	Ciena Corp	140
196,433		Cisco Systems, Inc	6,148
522	*	Clearfield, Inc	7
3,245		Cognex Corp	276
954	*	Coherent, Inc	215
7,423	*	CommScope Holding Co, Inc	282
784		Comtech Telecommunications Corp	15
938	*	Control4 Corp	18
35,489		Corning, Inc	1,066
1,568	*	Cray, Inc	29
1,256		CTS Corp	27
1,609		Daktronics, Inc	15
2,906		Diebold, Inc	81
1,019	*	Digi International, Inc	10
2,138		Dolby Laboratories, Inc (Class A)	105
789	*	Eastman Kodak Co	7
1,847	*	EchoStar Corp (Class A)	112
1,199	*	Electro Scientific Industries, Inc	10
1,788	*	Electronics for Imaging, Inc	85
1,103		EMCORE Corp	12
518	*	ePlus, Inc	38
4,537	*	Extreme Networks, Inc	42
2,532	*	F5 Networks, Inc	322
1,440	*	Fabrinet	61
655	*	FARO Technologies, Inc	25
4,415	*	Finisar Corp	115
6,696	*,e	Fitbit, Inc	36
5,311		Flir Systems, Inc	184
3,142	*	Harmonic, Inc	16
4,764		Harris Corp	520
64,942		Hewlett Packard Enterprise Co	1,077
66,374		HP, Inc	1,160
2,439	*	II-VI, Inc	84
1,305	*	Immersion Corp	12
5,792	*	Infinera Corp	62

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,383	*	Insight Enterprises, Inc	\$ 55
1,347		InterDigital, Inc	104
735	*	Intevac, Inc	8
1,406	*	IPG Photonics Corp	204
944	*	Iteris, Inc	6
1,329	*	Itron, Inc	90
6,973		Jabil Circuit, Inc	204
14,449		Juniper Networks, Inc	403
1,750	*	Kemet Corp	22
7,216	*	Keysight Technologies, Inc	281
1,038	*	Kimball Electronics, Inc	19
3,427	*	Knowles Corp	58
758	*	KVH Industries, Inc	7
875		Littelfuse, Inc	144
2,352	*	Lumentum Holdings, Inc	134
1,366	*	Maxwell Technologies, Inc	8
126		Mesa Laboratories, Inc	18
1,398		Methode Electronics, Inc	58
2,561	*,e	Microvision, Inc	5
6,393		Motorola, Inc	555
632		MTS Systems Corp	33
428	*	Napco Security Technologies, Inc	4
4,043		National Instruments Corp	163
4,702	*	NCR Corp	192
10,563		NetApp, Inc	423
1,274	*	Netgear, Inc	55
3,375	*	Netscout Systems, Inc	116
1,269	*	Novanta, Inc	46
6,405	*,e	Oclaro, Inc	60
673	*	OSI Systems, Inc	51
3,482	*	Palo Alto Networks, Inc	466
766		Park Electrochemical Corp	14
430		PC Connection, Inc	12
372	*	PC Mall, Inc	7
1,300		Plantronics, Inc	68
1,309	*	Plexus Corp	69
3,625	*	Pure Storage, Inc	46
807	*	Quantenna Communications, Inc	15
1,091	*	Quantum Corp	9
1,483	*	Radisys Corp	6
701	*	Rogers Corp	76
2,856	*	Sanmina Corp	109
958	*	Scansource, Inc	39
2,605	*	ShoreTel, Inc	15
2,205	*	Sonus Networks, Inc	16
1,939	*	Stratasys Ltd	45
1,554	*	Super Micro Computer, Inc	38
1,338	*	Synaptics, Inc	69
1,121		SYNNEX Corp	134
461		Systemax, Inc	9
1,361	*	Tech Data Corp	137
9,805	*	Trimble Navigation Ltd	350
3,576	*	TTM Technologies, Inc	62

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE (000)</u>
905	*,e	Ubiquiti Networks, Inc	\$ 47
1,630		Universal Display Corp	178
1,586	*	USA Technologies, Inc	8
4,353	*	VeriFone Systems, Inc	79
2,057	*	Viasat, Inc	136
8,882	*	Viavi Solutions, Inc	94
5,245		Vishay Intertechnology, Inc	87
398	*	Vishay Precision Group, Inc	7
11,403		Western Digital Corp	1,010
8,969		Xerox Corp	258
2,046	*	Zebra Technologies Corp (Class A)	206
		TOTAL TECHNOLOGY HARDWARE & EQUIPMENT	<u>52,287</u>
TELECOMMUNICATION SERVICES - 2.0%			
241,085		AT&T, Inc	9,096
373		ATN International, Inc	26
1,565	*	Boingo Wireless, Inc	23
21,000	e	CenturyLink, Inc	502
1,724	*	Cincinnati Bell, Inc	34
1,599		Cogent Communications Group, Inc	64
1,954	e	Consolidated Communications Holdings, Inc	42
867	*	Fairpoint Communications, Inc	14
46,387	e	Frontier Communications Corp	54
1,059	*	General Communication, Inc (Class A)	39
17,030	*,e	Globalstar, Inc	36
235	*	Hawaiian Telcom Holdco, Inc	6
609		IDT Corp (Class B)	9
1,272	*	Intelsat S.A.	4
2,990	*,e	Iridium Communications, Inc	33
11,561	*	Level 3 Communications, Inc	686
757	*	Lumos Networks Corp	14
661	*	Ooma, Inc	5
2,552	*	Orbcomm, Inc	29
410	*,e	pdvWireless, Inc	10
1,811		Shenandoah Telecom Co	56
859		Spok Holdings, Inc	15
24,656	*	Sprint Corp	202
336	*	Straight Path Communications, Inc	60
3,834		Telephone & Data Systems, Inc	106
11,436	*	T-Mobile US, Inc	693
580	*	US Cellular Corp	22
160,053		Verizon Communications, Inc	7,148
7,849	*	Vonage Holdings Corp	51
7,823	e	Windstream Holdings, Inc	30
7,262	*	Zayo Group Holdings, Inc	224
		TOTAL TELECOMMUNICATION SERVICES	<u>19,333</u>
TRANSPORTATION - 2.1%			
2,138	*	Air Transport Services Group, Inc	47
4,686		Alaska Air Group, Inc	421
502		Allegiant Travel Co	68
196		Amerco, Inc	72
17,435		American Airlines Group, Inc	877

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>		<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
1,131		Arkansas Best Corp	\$ 23
913	*	Atlas Air Worldwide Holdings, Inc	48
3,035	*	Avis Budget Group, Inc	83
5,490		CH Robinson Worldwide, Inc	377
1,212		Copa Holdings S.A. (Class A)	142
1,032		Costamare, Inc	8
452	*	Covenant Transportation Group, Inc	8
34,464		CSX Corp	1,880
763	*	Daseke, Inc	9
26,455		Delta Air Lines, Inc	1,422
1,536	*	Eagle Bulk Shipping, Inc	7
1,070	*	Echo Global Logistics, Inc	21
7,089		Expeditors International of Washington, Inc	400
9,695		FedEx Corp	2,107
1,166		Forward Air Corp	62
2,376	*	Genesee & Wyoming, Inc (Class A)	163
2,068	*	Hawaiian Holdings, Inc	97
1,875		Heartland Express, Inc	39
2,016	*,e	Hertz Global Holdings, Inc	23
1,279	*	Hub Group, Inc (Class A)	49
3,419		J.B. Hunt Transport Services, Inc	312
13,024	*	JetBlue Airways Corp	297
4,134		Kansas City Southern Industries, Inc	433
2,088	*	Kirby Corp	140
2,760		Knight Transportation, Inc	102
1,627		Landstar System, Inc	139
3,019		Macquarie Infrastructure Co LLC	237
897		Marten Transport Ltd	25
1,675		Matson, Inc	50
3,393	*	Navios Maritime Holdings, Inc	5
11,337		Norfolk Southern Corp	1,380
2,413		Old Dominion Freight Line	230
334		Park-Ohio Holdings Corp	13
1,449	*	Radiant Logistics, Inc	8
1,220	*	Roadrunner Transportation Services Holdings, Inc	9
2,083		Ryder System, Inc	150
1,798	*	Safe Bulkers, Inc	4
945	*	Saia, Inc	48
1,179		Schneider National, Inc	26
2,180	*	Scorpio Bulkers, Inc	15
1,961		Skywest, Inc	69
21,993		Southwest Airlines Co	1,367
2,736	*	Spirit Airlines, Inc	141
2,811	*	Swift Transportation Co, Inc	74
31,654		Union Pacific Corp	3,447
11,002	*	United Continental Holdings, Inc	828
27,043		United Parcel Service, Inc (Class B)	2,991
200		Universal Truckload Services, Inc	3
1,875		Werner Enterprises, Inc	55
4,303	*	XPO Logistics, Inc	278
1,384	*	YRC Worldwide, Inc	15
		TOTAL TRANSPORTATION	<u>21,344</u>

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE</u> <u>(000)</u>
UTILITIES - 3.2%		
26,007	AES Corp	\$ 289
1,901	Allete, Inc	136
8,909	Alliant Energy Corp	358
9,471	Ameren Corp	518
19,294	American Electric Power Co, Inc	1,340
1,409	American States Water Co	67
7,007	American Water Works Co, Inc	546
6,956	Aqua America, Inc	232
443	* AquaVenture Holdings Ltd	7
366	Artesian Resources Corp	14
5,498	* Atlantic Power Corp	13
4,034	Atmos Energy Corp	335
2,130	Avangrid, Inc	94
2,492	Avista Corp	106
2,094	Black Hills Corp	141
809	* Cadiz, Inc	11
1,860	California Water Service Group	68
14,048	* Calpine Corp	190
16,878	Centerpoint Energy, Inc	462
640	Chesapeake Utilities Corp	48
10,932	CMS Energy Corp	506
438	Connecticut Water Service, Inc	24
11,986	Consolidated Edison, Inc	969
626	Consolidated Water Co, Inc	8
275	Delta Natural Gas Co, Inc	8
24,573	Dominion Resources, Inc	1,883
7,000	DTE Energy Co	741
27,441	Duke Energy Corp	2,294
4,351	* Dynegy, Inc	36
12,456	Edison International	974
1,615	El Paso Electric Co	83
7,030	Entergy Corp	540
12,399	Eversource Energy	753
36,188	Exelon Corp	1,305
17,273	FirstEnergy Corp	504
535	Genie Energy Ltd	4
349	Global Water Resources, Inc	3
8,417	Great Plains Energy, Inc	246
4,241	Hawaiian Electric Industries, Inc	137
1,964	Idacorp, Inc	168
7,499	MDU Resources Group, Inc	196
1,395	MGE Energy, Inc	90
644	Middlesex Water Co	26
3,118	National Fuel Gas Co	174
3,351	New Jersey Resources Corp	133
18,324	NextEra Energy, Inc	2,568
12,679	NiSource, Inc	322
1,124	Northwest Natural Gas Co	67
1,891	NorthWestern Corp	115
11,743	NRG Energy, Inc	202
1,290	NRG Yield, Inc (Class A)	22
2,626	NRG Yield, Inc (Class C)	46

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE (000)</u>
7,848	OGE Energy Corp	\$ 273
2,027	ONE Gas, Inc	142
1,582	Ormat Technologies, Inc	93
1,523	Otter Tail Corp	60
2,658	Pattern Energy Group, Inc	63
20,010	PG&E Corp	1,328
4,281	Pinnacle West Capital Corp	365
3,215	PNM Resources, Inc	123
3,481	Portland General Electric Co	159
26,676	PPL Corp	1,031
19,843	Public Service Enterprise Group, Inc	853
626	* Pure Cycle Corp	5
263	*,e RGC Resources, Inc	7
5,186	SCANA Corp	348
9,791	Sempra Energy	1,104
678	SJW Corp	33
3,054	South Jersey Industries, Inc	104
39,047	Southern Co	1,870
1,840	Southwest Gas Corp	134
431	e Spark Energy, Inc	8
1,831	Spire, Inc	128
3,671	TerraForm Global, Inc	19
3,165	TerraForm Power, Inc	38
6,774	UGI Corp	328
534	Unitil Corp	26
3,221	Vectren Corp	188
9,455	Vistra Energy Corp	159
876	*,e Vivint Solar, Inc	5
12,355	WEC Energy Group, Inc	758
5,549	Westar Energy, Inc	294
1,996	WGL Holdings, Inc	167
19,839	Xcel Energy, Inc	910
490	York Water Co	17
	TOTAL UTILITIES	<u>31,262</u>
	TOTAL COMMON STOCKS	<u>991,210</u>
	<i>(Cost \$445,048)</i>	
RIGHTS / WARRANTS - 0.0%		
DIVERSIFIED FINANCIALS - 0.0%		
92	m Emergent Capital, Inc	0
	TOTAL DIVERSIFIED FINANCIALS	<u>0</u>
PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES - 0.0%		
643	m Forest Laboratories, Inc CVR	0^
244	m Omthera Pharmaceuticals, Inc	0^
	TOTAL PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES	<u>0^</u>
SOFTWARE & SERVICES - 0.0%		
1,221	m Gerber Scientific, Inc	0
	TOTAL SOFTWARE & SERVICES	<u>0</u>
	TOTAL RIGHTS / WARRANTS	<u>0^</u>
	<i>(Cost \$0)</i>	

TIAA SEPARATE ACCOUNT VA-1 - **Stock Index Account**

<u>SHARES</u>	<u>COMPANY</u>	<u>VALUE (000)</u>
SHORT-TERM INVESTMENTS - 0.9%		
INVESTMENTS IN REGISTERED INVESTMENT COMPANIES - 0.9%		
9,377,581	c State Street Navigator Securities Lending Government Money Market Portfolio	\$ 9,378
	TOTAL INVESTMENTS IN REGISTERED INVESTMENT COMPANIES	<u>9,378</u>
	TOTAL SHORT-TERM INVESTMENTS	<u>9,378</u>
	<i>(Cost \$9,378)</i>	
	TOTAL INVESTMENTS - 101.2%	1,000,588
	<i>(Cost \$454,426)</i>	
	OTHER ASSETS & LIABILITIES, NET - (1.2)%	<u>(12,105)</u>
	NET ASSETS - 100.0%	<u>\$ 988,483</u>

Abbreviation(s):

REIT Real Estate Investment Trust

SPDR Standard & Poor's Depository Receipts

* Non-income producing

^ Amount represents less than \$1,000.

b In bankruptcy

c Investments made with cash collateral received from securities on loan.

e All or a portion of these securities are out on loan. The aggregate value of securities on loan is \$9,089,000.

m Indicates a security that has been deemed illiquid.

Cost amounts are in thousands.



730 Third Avenue
New York, NY 10017-3206