

December 31, 2018

• Separate Account A of
Pacific Life & Annuity
Company

Annual *Reports*



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SEPARATE ACCOUNT A

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**SEPARATE ACCOUNT A
INVESTMENTS
DECEMBER 31, 2018**

Each variable account invests in shares of the corresponding portfolio or fund (with the same name). The shares owned and value of investments as of December 31, 2018; and the cost of purchases and proceeds from sales of investments for the year ended December 31, 2018, were as follows:

Variable Accounts	Shares Owned	Value	Cost of Purchases	Proceeds from Sales
Core Income *	63,495	\$664,391	\$470,701	\$9,932
Diversified Bond *	841,268	8,213,598	1,439,131	939,985
Floating Rate Income *	333,894	3,888,354	4,210,294	2,254,014
Floating Rate Loan *	1,147,493	7,997,120	3,074,275	2,442,067
High Yield Bond *	843,938	6,568,513	1,098,139	1,211,345
Inflation Managed *	682,446	7,045,408	617,138	1,040,930
Inflation Strategy *	80,324	806,173	265,474	70,112
Managed Bond *	1,192,111	15,140,954	1,605,765	1,525,274
Short Duration Bond *	1,007,816	10,024,863	3,348,156	3,106,435
Emerging Markets Debt *	125,297	1,458,789	425,994	694,018
Comstock *	219,988	3,048,712	526,737	767,554
Developing Growth *	271,071	4,343,471	2,080,086	693,334
Dividend Growth *	662,387	13,104,939	3,545,886	2,590,423
Equity Index *	1,324,437	79,355,334	21,965,785	8,673,178
Focused Growth *	296,628	8,333,373	3,354,556	2,482,100
Growth *	199,289	5,766,685	3,464,437	2,608,841
Large-Cap Growth *	753,218	8,427,373	3,068,824	1,992,296
Large-Cap Value *	251,097	5,035,515	1,389,153	1,341,157
Main Street® Core *	138,765	4,953,938	2,586,285	1,123,665
Mid-Cap Equity *	241,082	4,593,775	708,388	3,623,220
Mid-Cap Growth *	606,922	8,020,937	4,079,327	1,700,694
Mid-Cap Value *	201,626	3,173,223	651,215	370,296
Small-Cap Equity *	132,234	2,417,207	742,695	1,095,007
Small-Cap Index *	425,844	8,832,293	2,456,613	1,290,141
Small-Cap Value *	207,930	3,727,173	692,729	1,047,428
Value Advantage *	91,107	1,401,925	366,445	94,632
Emerging Markets *	448,876	7,351,559	2,427,359	1,969,673
International Large-Cap *	747,846	6,331,562	847,723	633,602
International Small-Cap *	137,453	1,231,539	363,002	212,277
International Value *	318,709	3,489,368	859,420	423,056
Health Sciences *	536,281	20,675,909	5,281,727	2,688,268
Real Estate *	252,955	5,669,965	610,365	1,004,268
Technology *	1,215,450	8,791,674	4,975,011	1,861,909
Currency Strategies *	53,092	611,990	500,814	98,493
Diversified Alternatives *	4,370	46,350	25,486	741
Equity Long/Short *	141,340	1,765,253	448,094	315,963
Global Absolute Return *	85,764	930,237	250,980	65,965
Pacific Dynamix - Conservative Growth *	2,697,154	40,569,767	4,628,773	5,380,560
Pacific Dynamix - Moderate Growth *	7,048,572	130,370,864	17,792,892	17,470,325
Pacific Dynamix - Growth *	1,308,243	26,510,345	7,671,921	7,397,523
Portfolio Optimization Conservative *	5,978,084	74,013,846	8,050,355	18,249,578
Portfolio Optimization Moderate-Conservative *	10,972,860	144,851,150	5,309,690	30,199,455
Portfolio Optimization Moderate *	35,716,465	495,990,193	18,428,677	91,816,691
Portfolio Optimization Growth *	24,960,192	363,798,770	7,897,057	64,768,275
Portfolio Optimization Aggressive-Growth *	5,982,868	88,786,413	2,742,214	15,671,710
PSF DFA Balanced Allocation *	632,605	7,088,285	3,812,206	1,398,607
Invesco V.I. Balanced-Risk Allocation Series II	2,039,770	19,051,448	4,217,700	2,947,197
Invesco V.I. Equity and Income Series II	70,189	1,125,828	279,329	1,403,583
Invesco V.I. Global Real Estate Series II	99,379	1,493,665	502,823	586,192
American Century VP Mid Cap Value Class II	210,844	3,862,665	962,866	1,479,443
American Funds IS Asset Allocation Class 4	9,405,514	197,421,735	28,905,477	24,168,927
American Funds IS Blue Chip Income and Growth Class 4	378,600	4,615,139	2,102,404	386,984
American Funds IS Bond Class 4	235,625	2,434,010	1,076,836	238,347
American Funds IS Capital Income Builder® Class 4	351,251	3,284,196	921,987	325,249

**SEPARATE ACCOUNT A
INVESTMENTS (Continued)
DECEMBER 31, 2018**

Variable Accounts	Shares Owned	Value	Cost of Purchases	Proceeds from Sales
American Funds IS Global Balanced Class 4	197,442	\$2,280,456	\$1,977,170	\$530,515
American Funds IS Global Bond Class 4	56,366	633,551	789,014	873,286
American Funds IS Global Growth and Income Class 4	142,234	1,822,021	766,153	165,930
American Funds IS Global Growth Class 4	104,970	2,665,179	1,272,170	1,295,648
American Funds IS Global Small Capitalization Class 4	46,254	984,278	384,482	39,797
American Funds IS Growth Class 4	188,090	12,910,515	4,971,648	3,434,792
American Funds IS Growth-Income Class 4	282,980	12,584,136	3,406,218	3,281,573
American Funds IS High-Income Bond Class 4	117,181	1,167,123	330,345	207,274
American Funds IS International Class 4	197,252	3,432,187	1,657,991	311,025
American Funds IS International Growth and Income Class 4	134,333	2,044,550	1,030,645	994,684
American Funds IS Managed Risk Asset Allocation Class P2	1,038,704	12,692,962	4,162,565	1,529,415
American Funds IS New World Fund® Class 4	99,573	2,062,165	946,108	625,466
American Funds IS U.S. Government/AAA-Rated Securities Class 4	126,733	1,500,524	828,270	721,456
BlackRock® Capital Appreciation V.I. Class III	56,881	405,564	141,725	88,722
BlackRock Global Allocation V.I. Class III	9,197,072	119,102,078	10,831,033	21,306,358
BlackRock iShares® Dynamic Allocation V.I. Class I	258,983	2,672,703	341,221	106,336
Fidelity® VIP Contrafund® Service Class 2	587,084	18,381,609	6,746,475	2,243,176
Fidelity VIP FundsManager® 60% Service Class 2	2,773,597	28,290,694	10,758,570	6,601,747
Fidelity VIP Government Money Market Service Class	19,257,727	19,257,727	17,579,682	14,044,508
Fidelity VIP Strategic Income Service Class 2	625,345	6,659,926	2,617,349	1,008,307
First Trust Dorsey Wright Tactical Core Class I	211,563	2,208,715	860,951	250,259
First Trust/Dow Jones Dividend & Income Allocation Class I	3,172,358	40,669,632	14,076,519	6,847,097
First Trust Multi Income Allocation Class I	93,202	947,868	280,023	229,578
Franklin Founding Funds Allocation VIP Class 2	16,197	102,365	22,494	126,708
Franklin Founding Funds Allocation VIP Class 4	1,636,333	10,570,712	1,192,455	2,670,019
Franklin Income VIP Class 2	625,473	9,219,468	2,397,992	1,009,738
Franklin Mutual Global Discovery VIP Class 2	311,677	5,282,924	838,537	1,071,779
Franklin Rising Dividends VIP Class 2	431,087	10,794,415	2,245,742	1,871,182
Templeton Global Bond VIP Class 2 *	514,336	8,656,283	1,614,969	898,344
Ivy VIP Asset Strategy Class II	218,083	1,808,303	1,754,853	167,331
Ivy VIP Energy Class II *	196,797	760,701	324,683	124,125
Janus Henderson Balanced Service Shares	5,130,700	182,601,622	53,457,215	14,641,716
Janus Henderson Flexible Bond Service Shares	149,607	1,829,689	328,272	323,573
JPMorgan Insurance Trust Global Allocation Class 2	37,532	578,372	200,166	411,747
JPMorgan Insurance Trust Income Builder Class 2	77,879	785,020	234,648	452,336
ClearBridge Variable Aggressive Growth - Class II	19,805	450,177	570,574	301,212
Lord Abbett Bond Debenture Class VC	315,035	3,490,591	1,309,952	588,289
Lord Abbett International Equity Class VC	66,175	964,834	405,542	65,001
Lord Abbett Total Return Class VC	390,705	6,235,645	1,415,038	766,170
MFS® Total Return Series - Service Class	1,390,624	29,731,551	5,995,602	7,606,870
MFS Utilities Series - Service Class	136,178	3,930,096	1,155,023	1,010,070
MFS Value Series - Service Class	50,909	863,422	127,611	107,455
MFS Massachusetts Investors Growth Stock - Service Class	32,918	572,121	44,081	99,257
Neuberger Berman U.S. Equity Index PutWrite Strategy Class S	15,107	135,208	97,442	2,106
Oppenheimer Global Fund/VA Service Shares	37,633	1,412,360	991,145	2,146,393
Oppenheimer International Growth Fund/VA Service Shares	265,750	563,390	473,540	40,545
PIMCO All Asset All Authority - Advisor Class	10,287	82,396	10,227	9,597
PIMCO CommodityRealReturn® Strategy - Advisor Class	40,870	248,896	113,813	121,058
Schwab VIT Balanced	252,619	2,985,957	221,701	265,192
Schwab VIT Balanced with Growth	589,595	7,464,270	430,976	683,226
Schwab VIT Growth	336,911	4,632,529	3,343,285	3,726,211
State Street Total Return V.I.S. Class 3	1,346,412	18,863,232	5,841,355	4,775,369
VanEck VIP Global Hard Assets Class S *	49,577	811,572	86,544	209,319

* The variable account did not receive any dividend or capital gain distributions from its underlying portfolio/fund during the reporting period.

**SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES
DECEMBER 31, 2018**

	Variable Accounts					
	Core Income	Diversified Bond	Floating Rate Income	Floating Rate Loan	High Yield Bond	Inflation Managed
ASSETS						
Investments in mutual funds, at value	\$664,391	\$8,213,598	\$3,888,354	\$7,997,120	\$6,568,513	\$7,045,408
Receivables:						
Due from Pacific Life & Annuity Company	-	13,866	-	-	-	-
Investments sold	46	-	698	3,213	1,774	9,496
Total Assets	664,437	8,227,464	3,889,052	8,000,333	6,570,287	7,054,904
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	71	-	910	3,302	1,678	9,429
Investments purchased	-	14,048	-	-	-	-
Total Liabilities	71	14,048	910	3,302	1,678	9,429
NET ASSETS	\$664,366	\$8,213,416	\$3,888,142	\$7,997,031	\$6,568,609	\$7,045,475
NET ASSETS CONSIST OF:						
Accumulation units	664,366	8,207,246	3,888,142	7,997,031	6,536,675	7,045,475
Contracts in payout (annuitization) period	-	6,170	-	-	31,934	-
NET ASSETS	\$664,366	\$8,213,416	\$3,888,142	\$7,997,031	\$6,568,609	\$7,045,475
Units Outstanding	65,415	697,874	360,146	741,079	487,744	586,240
Accumulation Unit Value	\$9.89 - \$10.30	\$10.54 - \$15.75	\$10.45 - \$11.38	\$9.84 - \$12.35	\$10.51 - \$24.79	\$8.66 - \$22.39
Cost of Investments	\$658,571	\$7,137,477	\$3,709,764	\$7,125,372	\$4,611,954	\$6,742,822
	Inflation Strategy	Managed Bond	Short Duration Bond	Emerging Markets Debt	Comstock	Developing Growth
ASSETS						
Investments in mutual funds, at value	\$806,173	\$15,140,954	\$10,024,863	\$1,458,789	\$3,048,712	\$4,343,471
Receivables:						
Due from Pacific Life & Annuity Company	-	-	-	-	1,949	2,665
Investments sold	88	14,847	15,832	1,091	-	-
Total Assets	806,261	15,155,801	10,040,695	1,459,880	3,050,661	4,346,136
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	135	15,083	16,120	1,182	-	-
Investments purchased	-	-	-	-	1,959	2,759
Total Liabilities	135	15,083	16,120	1,182	1,959	2,759
NET ASSETS	\$806,126	\$15,140,718	\$10,024,575	\$1,458,698	\$3,048,702	\$4,343,377
NET ASSETS CONSIST OF:						
Accumulation units	806,126	15,140,718	10,020,610	1,426,949	3,048,702	4,237,400
Contracts in payout (annuitization) period	-	-	3,965	31,749	-	105,977
NET ASSETS	\$806,126	\$15,140,718	\$10,024,575	\$1,458,698	\$3,048,702	\$4,343,377
Units Outstanding	89,684	1,187,503	1,004,803	142,320	187,704	279,675
Accumulation Unit Value	\$8.37 - \$10.09	\$9.81 - \$25.29	\$9.52 - \$12.44	\$9.80 - \$11.32	\$10.35 - \$20.61	\$13.67 - \$22.19
Cost of Investments	\$804,050	\$12,939,565	\$9,415,640	\$1,275,222	\$1,286,582	\$3,000,086

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

	Variable Accounts					
	Dividend Growth	Equity Index	Focused Growth	Growth	Large-Cap Growth	Large-Cap Value
ASSETS						
Investments in mutual funds, at value	\$13,104,939	\$79,355,334	\$8,333,373	\$5,766,685	\$8,427,373	\$5,035,515
Receivables:						
Due from Pacific Life & Annuity Company	8,700	36,456	5,309	28,886	5,858	1,177
Investments sold	-	-	-	-	-	-
Total Assets	13,113,639	79,391,790	8,338,682	5,795,571	8,433,231	5,036,692
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	-	-	-	-	-
Investments purchased	9,143	37,956	5,536	28,921	6,202	1,266
Total Liabilities	9,143	37,956	5,536	28,921	6,202	1,266
NET ASSETS	\$13,104,496	\$79,353,834	\$8,333,146	\$5,766,650	\$8,427,029	\$5,035,426
NET ASSETS CONSIST OF:						
Accumulation units	13,069,450	78,392,469	8,129,345	5,766,650	8,303,072	5,035,426
Contracts in payout (annuitization) period	35,046	961,365	203,801	-	123,957	-
NET ASSETS	\$13,104,496	\$79,353,834	\$8,333,146	\$5,766,650	\$8,427,029	\$5,035,426
Units Outstanding	751,574	4,671,197	381,528	296,936	448,893	337,585
Accumulation Unit Value	\$11.82 - \$25.09	\$11.72 - \$42.36	\$13.73 - \$37.06	\$13.57 - \$50.93	\$13.71 - \$23.20	\$10.37 - \$23.93
Cost of Investments	\$7,944,771	\$63,769,172	\$5,575,834	\$3,922,645	\$5,715,204	\$2,755,331
	Main Street Core	Mid-Cap Equity	Mid-Cap Growth	Mid-Cap Value	Small-Cap Equity	Small-Cap Index
ASSETS						
Investments in mutual funds, at value	\$4,953,938	\$4,593,775	\$8,020,937	\$3,173,223	\$2,417,207	\$8,832,293
Receivables:						
Due from Pacific Life & Annuity Company	3,153	1,029	15,220	1,914	-	32,314
Investments sold	-	-	-	-	-	-
Total Assets	4,957,091	4,594,804	8,036,157	3,175,137	2,417,207	8,864,607
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	-	-	-	6	-
Investments purchased	3,272	1,067	15,748	1,939	110	32,518
Total Liabilities	3,272	1,067	15,748	1,939	116	32,518
NET ASSETS	\$4,953,819	\$4,593,737	\$8,020,409	\$3,173,198	\$2,417,091	\$8,832,089
NET ASSETS CONSIST OF:						
Accumulation units	4,953,819	4,492,591	8,020,409	3,173,198	2,384,920	8,754,098
Contracts in payout (annuitization) period	-	101,146	-	-	32,171	77,991
NET ASSETS	\$4,953,819	\$4,593,737	\$8,020,409	\$3,173,198	\$2,417,091	\$8,832,089
Units Outstanding	289,422	259,053	481,494	199,407	163,209	563,132
Accumulation Unit Value	\$10.93 - \$32.91	\$11.36 - \$38.98	\$12.74 - \$22.72	\$9.91 - \$26.85	\$9.68 - \$24.32	\$10.32 - \$29.43
Cost of Investments	\$3,302,514	\$2,352,133	\$5,393,502	\$2,458,551	\$1,881,416	\$7,428,557

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

	Variable Accounts					
	Small-Cap Value	Value Advantage	Emerging Markets	International Large-Cap	International Small-Cap	International Value
ASSETS						
Investments in mutual funds, at value	\$3,727,173	\$1,401,925	\$7,351,559	\$6,331,562	\$1,231,539	\$3,489,368
Receivables:						
Due from Pacific Life & Annuity Company	3,416	15,539	-	4,076	1,093	3,559
Investments sold	-	-	183	-	-	-
Total Assets	3,730,589	1,417,464	7,351,742	6,335,638	1,232,632	3,492,927
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	-	327	-	-	-
Investments purchased	3,295	15,609	-	4,230	1,041	3,562
Total Liabilities	3,295	15,609	327	4,230	1,041	3,562
NET ASSETS	\$3,727,294	\$1,401,855	\$7,351,415	\$6,331,408	\$1,231,591	\$3,489,365
NET ASSETS CONSIST OF:						
Accumulation units	3,690,326	1,401,855	7,237,652	6,327,497	1,168,990	3,489,365
Contracts in payout (annuitization) period	36,968	-	113,763	3,911	62,601	-
NET ASSETS	\$3,727,294	\$1,401,855	\$7,351,415	\$6,331,408	\$1,231,591	\$3,489,365
Units Outstanding	229,777	98,472	540,280	496,763	104,521	369,318
Accumulation Unit Value	\$9.24 - \$42.72	\$10.51 - \$14.75	\$9.86 - \$63.42	\$10.82 - \$22.92	\$9.76 - \$16.74	\$6.41 - \$12.68
Cost of Investments	\$2,267,228	\$1,259,006	\$5,292,527	\$4,453,988	\$827,651	\$2,844,100
	Health Sciences	Real Estate	Technology	Currency Strategies	Diversified Alternatives	Equity Long/Short
ASSETS						
Investments in mutual funds, at value	\$20,675,909	\$5,669,965	\$8,791,674	\$611,990	\$46,350	\$1,765,253
Receivables:						
Due from Pacific Life & Annuity Company	-	-	19,039	-	-	-
Investments sold	1,491	2,539	-	26	5	166
Total Assets	20,677,400	5,672,504	8,810,713	612,016	46,355	1,765,419
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	2,048	2,501	-	48	8	299
Investments purchased	-	-	19,398	-	-	-
Total Liabilities	2,048	2,501	19,398	48	8	299
NET ASSETS	\$20,675,352	\$5,670,003	\$8,791,315	\$611,968	\$46,347	\$1,765,120
NET ASSETS CONSIST OF:						
Accumulation units	20,595,224	5,621,685	8,732,882	611,968	46,347	1,765,120
Contracts in payout (annuitization) period	80,128	48,318	58,433	-	-	-
NET ASSETS	\$20,675,352	\$5,670,003	\$8,791,315	\$611,968	\$46,347	\$1,765,120
Units Outstanding	859,760	398,991	560,414	58,464	4,545	146,945
Accumulation Unit Value	\$11.83 - \$51.59	\$9.38 - \$48.75	\$9.37 - \$17.87	\$10.19 - \$10.73	\$10.07 - \$10.21	\$11.71 - \$12.35
Cost of Investments	\$11,428,305	\$3,301,884	\$7,027,183	\$578,389	\$48,791	\$1,688,047

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

	Variable Accounts					
	Global Absolute Return	Pacific Dynamix - Conservative Growth	Pacific Dynamix - Moderate Growth	Pacific Dynamix - Growth	Portfolio Optimization Conservative	Portfolio Optimization Moderate- Conservative
ASSETS						
Investments in mutual funds, at value	\$930,237	\$40,569,767	\$130,370,864	\$26,510,345	\$74,013,846	\$144,851,150
Receivables:						
Due from Pacific Life & Annuity Company	-	-	72,065	13,081	-	-
Investments sold	99	52,209	-	-	200,379	53,299
Total Assets	930,336	40,621,976	130,442,929	26,523,426	74,214,225	144,904,449
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	169	52,749	-	-	199,161	51,380
Investments purchased	-	-	72,718	13,584	-	-
Total Liabilities	169	52,749	72,718	13,584	199,161	51,380
NET ASSETS	\$930,167	\$40,569,227	\$130,370,211	\$26,509,842	\$74,015,064	\$144,853,069
NET ASSETS CONSIST OF:						
Accumulation units	930,167	40,569,227	130,293,454	26,509,842	73,844,741	144,853,069
Contracts in payout (annuitization) period	-	-	76,757	-	170,323	-
NET ASSETS	\$930,167	\$40,569,227	\$130,370,211	\$26,509,842	\$74,015,064	\$144,853,069
Units Outstanding	93,340	3,207,983	9,552,450	1,768,089	6,628,580	12,119,762
Accumulation Unit Value	\$9.61 - \$10.58	\$10.05 - \$16.37	\$10.12 - \$19.69	\$11.06 - \$22.71	\$10.31 - \$12.42	\$9.95 - \$13.22
Cost of Investments	\$893,546	\$33,499,859	\$103,903,725	\$19,805,854	\$58,918,239	\$106,507,937
	Portfolio Optimization Moderate	Portfolio Optimization Growth	Portfolio Optimization Aggressive- Growth	PSF DFA Balanced Allocation	Invesco V.I. Balanced-Risk Allocation Series II	Invesco V.I. Equity and Income Series II
ASSETS						
Investments in mutual funds, at value	\$495,990,193	\$363,798,770	\$88,786,413	\$7,088,285	\$19,051,448	\$1,125,828
Receivables:						
Due from Pacific Life & Annuity Company	-	-	-	-	-	-
Investments sold	707,597	138,700	113,936	3,162	45,929	112
Total Assets	496,697,790	363,937,470	88,900,349	7,091,447	19,097,377	1,125,940
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	704,538	136,663	111,966	3,563	46,131	238
Investments purchased	-	-	-	-	-	-
Total Liabilities	704,538	136,663	111,966	3,563	46,131	238
NET ASSETS	\$495,993,252	\$363,800,807	\$88,788,383	\$7,087,884	\$19,051,246	\$1,125,702
NET ASSETS CONSIST OF:						
Accumulation units	495,973,603	363,661,851	88,788,383	7,016,769	19,051,246	1,125,702
Contracts in payout (annuitization) period	19,649	138,956	-	71,115	-	-
NET ASSETS	\$495,993,252	\$363,800,807	\$88,788,383	\$7,087,884	\$19,051,246	\$1,125,702
Units Outstanding	39,586,114	27,777,699	6,674,915	662,128	1,546,672	101,613
Accumulation Unit Value	\$9.87 - \$14.23	\$9.98 - \$15.10	\$12.56 - \$15.95	\$10.03 - \$10.85	\$9.77 - \$18.86	\$10.96 - \$11.27
Cost of Investments	\$342,104,775	\$234,895,714	\$55,656,870	\$7,118,783	\$22,061,382	\$1,215,990

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

Variable Accounts

	Invesco V.I. Global Real Estate Series II	American Century VP Mid Cap Value Class II	American Funds IS Asset Allocation Class 4	American Funds IS Blue Chip Income and Growth Class 4	American Funds IS Bond Class 4	American Funds IS Capital Income Builder Class 4
ASSETS						
Investments in mutual funds, at value	\$1,493,665	\$3,862,665	\$197,421,735	\$4,615,139	\$2,434,010	\$3,284,196
Receivables:						
Due from Pacific Life & Annuity Company	-	1,942	7,039	944	-	-
Investments sold	163	-	-	-	280	759
Total Assets	1,493,828	3,864,607	197,428,774	4,616,083	2,434,290	3,284,955
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	242	-	-	-	415	921
Investments purchased	-	2,137	10,111	1,121	-	-
Total Liabilities	242	2,137	10,111	1,121	415	921
NET ASSETS	\$1,493,586	\$3,862,470	\$197,418,663	\$4,614,962	\$2,433,875	\$3,284,034
NET ASSETS CONSIST OF:						
Accumulation units	1,493,586	3,819,675	197,393,982	4,581,953	2,433,875	3,284,034
Contracts in payout (annuitization) period	-	42,795	24,681	33,009	-	-
NET ASSETS	\$1,493,586	\$3,862,470	\$197,418,663	\$4,614,962	\$2,433,875	\$3,284,034
Units Outstanding	152,127	255,772	17,415,254	390,306	242,152	327,111
Accumulation Unit Value	\$9.54 - \$10.01	\$9.73 - \$16.93	\$10.15 - \$12.25	\$10.75 - \$12.03	\$9.84 - \$10.22	\$9.75 - \$10.26
Cost of Investments	\$1,602,394	\$3,833,390	\$198,662,948	\$5,025,339	\$2,504,426	\$3,448,274

	American Funds IS Global Balanced Class 4	American Funds IS Global Bond Class 4	American Funds IS Global Growth and Income Class 4	American Funds IS Global Growth Class 4	American Funds IS Global Small Capitalization Class 4	American Funds IS Growth Class 4
ASSETS						
Investments in mutual funds, at value	\$2,280,456	\$633,551	\$1,822,021	\$2,665,179	\$984,278	\$12,910,515
Receivables:						
Due from Pacific Life & Annuity Company	-	925	957	-	-	-
Investments sold	252	-	-	184	107	-
Total Assets	2,280,708	634,476	1,822,978	2,665,363	984,385	12,910,515
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	347	-	-	331	159	70
Investments purchased	-	967	995	-	-	1,534
Total Liabilities	347	967	995	331	159	1,604
NET ASSETS	\$2,280,361	\$633,509	\$1,821,983	\$2,665,032	\$984,226	\$12,908,911
NET ASSETS CONSIST OF:						
Accumulation units	2,280,361	604,939	1,754,105	2,665,032	984,226	12,815,336
Contracts in payout (annuitization) period	-	28,570	67,878	-	-	93,575
NET ASSETS	\$2,280,361	\$633,509	\$1,821,983	\$2,665,032	\$984,226	\$12,908,911
Units Outstanding	206,302	62,484	159,993	207,463	91,069	975,971
Accumulation Unit Value	\$10.83 - \$11.21	\$9.95 - \$10.45	\$11.22 - \$11.62	\$11.92 - \$13.03	\$10.63 - \$11.19	\$12.77 - \$15.55
Cost of Investments	\$2,445,479	\$648,048	\$1,983,986	\$2,665,237	\$1,024,208	\$12,814,091

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

Variable Accounts

	American Funds IS Growth-Income Class 4	American Funds IS High-Income Bond Class 4	American Funds IS International Class 4	American Funds IS International Growth and Income Class 4	American Funds IS Managed Risk Asset Allocation Class P2	American Funds IS New World Fund Class 4
ASSETS						
Investments in mutual funds, at value	\$12,584,136	\$1,167,123	\$3,432,187	\$2,044,550	\$12,692,962	\$2,062,165
Receivables:						
Due from Pacific Life & Annuity Company	2,088	-	-	542	-	-
Investments sold	-	2,923	2,101	-	3,838	218
Total Assets	12,586,224	1,170,046	3,434,288	2,045,092	12,696,800	2,062,383
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	3,003	2,265	-	4,435	365
Investments purchased	3,358	-	-	687	-	-
Total Liabilities	3,358	3,003	2,265	687	4,435	365
NET ASSETS	\$12,582,866	\$1,167,043	\$3,432,023	\$2,044,405	\$12,692,365	\$2,062,018
NET ASSETS CONSIST OF:						
Accumulation units	12,582,866	1,167,043	3,432,023	2,044,405	12,692,365	2,062,018
Contracts in payout (annuitization) period	-	-	-	-	-	-
NET ASSETS	\$12,582,866	\$1,167,043	\$3,432,023	\$2,044,405	\$12,692,365	\$2,062,018
Units Outstanding	1,006,401	105,122	334,075	208,927	1,106,197	209,260
Accumulation Unit Value	\$12.02 - \$14.12	\$10.54 - \$11.28	\$9.93 - \$11.38	\$9.42 - \$11.23	\$10.16 - \$11.62	\$9.55 - \$11.14
Cost of Investments	\$12,832,695	\$1,261,781	\$3,965,408	\$2,197,792	\$12,810,692	\$2,000,466
	American Funds IS U.S. Government/ AAA-Rated Securities Class 4	BlackRock Capital Appreciation V.I. Class III	BlackRock Global Allocation V.I. Class III	BlackRock iShares Dynamic Allocation V.I. Class I	Fidelity VIP Contrafund Service Class 2	Fidelity VIP FundsManager 60% Service Class 2
ASSETS						
Investments in mutual funds, at value	\$1,500,524	\$405,564	\$119,102,078	\$2,672,703	\$18,381,609	\$28,290,694
Receivables:						
Due from Pacific Life & Annuity Company	-	1,074	-	-	8,784	124,837
Investments sold	405	-	32,291	279	-	-
Total Assets	1,500,929	406,638	119,134,369	2,672,982	18,390,393	28,415,531
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	486	-	30,653	430	-	-
Investments purchased	-	1,087	-	-	9,586	125,615
Total Liabilities	486	1,087	30,653	430	9,586	125,615
NET ASSETS	\$1,500,443	\$405,551	\$119,103,716	\$2,672,552	\$18,380,807	\$28,289,916
NET ASSETS CONSIST OF:						
Accumulation units	1,500,443	405,551	119,073,845	2,672,552	18,368,262	28,289,916
Contracts in payout (annuitization) period	-	-	29,871	-	12,545	-
NET ASSETS	\$1,500,443	\$405,551	\$119,103,716	\$2,672,552	\$18,380,807	\$28,289,916
Units Outstanding	150,056	18,238	10,292,964	250,308	1,193,991	2,233,979
Accumulation Unit Value	\$9.82 - \$10.25	\$19.07 - \$25.16	\$9.75 - \$13.54	\$10.49 - \$10.76	\$11.47 - \$16.37	\$10.16 - \$14.33
Cost of Investments	\$1,502,310	\$451,819	\$121,433,532	\$2,648,436	\$18,869,412	\$30,902,156

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

Variable Accounts

	Fidelity VIP Government Money Market Service Class	Fidelity VIP Strategic Income Service Class 2	First Trust Dorsey Wright Tactical Core Class I	First Trust/Dow Jones Dividend & Income Allocation Class I	First Trust Multi Income Allocation Class I	Franklin Founding Funds Allocation VIP Class 2
ASSETS						
Investments in mutual funds, at value	\$19,257,727	\$6,659,926	\$2,208,715	\$40,669,632	\$947,868	\$102,365
Receivables:						
Due from Pacific Life & Annuity Company	814	-	1,118	113,007	-	-
Investments sold	-	3,632	-	-	868	8
Total Assets	19,258,541	6,663,558	2,209,833	40,782,639	948,736	102,373
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	4,567	-	-	917	12
Investments purchased	1,583	-	1,297	114,677	-	-
Total Liabilities	1,583	4,567	1,297	114,677	917	12
NET ASSETS	\$19,256,958	\$6,658,991	\$2,208,536	\$40,667,962	\$947,819	\$102,361
NET ASSETS CONSIST OF:						
Accumulation units	19,220,038	6,654,781	2,208,536	40,667,962	947,819	102,361
Contracts in payout (annuitization) period	36,920	4,210	-	-	-	-
NET ASSETS	\$19,256,958	\$6,658,991	\$2,208,536	\$40,667,962	\$947,819	\$102,361
Units Outstanding	2,019,537	623,030	212,446	3,032,496	90,409	7,050
Accumulation Unit Value	\$9.34 - \$10.15	\$10.39 - \$11.20	\$10.24 - \$10.46	\$10.27 - \$15.01	\$10.30 - \$10.60	\$13.85 - \$14.87
Cost of Investments	\$19,257,727	\$7,067,650	\$2,274,838	\$40,046,344	\$976,444	\$108,786
	Franklin Founding Funds Allocation VIP Class 4	Franklin Income VIP Class 2	Franklin Mutual Global Discovery VIP Class 2	Franklin Rising Dividends VIP Class 2	Templeton Global Bond VIP Class 2	Ivy VIP Asset Strategy Class II
ASSETS						
Investments in mutual funds, at value	\$10,570,712	\$9,219,468	\$5,282,924	\$10,794,415	\$8,656,283	\$1,808,303
Receivables:						
Due from Pacific Life & Annuity Company	-	9,998	2,303	10,026	4,065	-
Investments sold	1,035	-	-	-	-	189
Total Assets	10,571,747	9,229,466	5,285,227	10,804,441	8,660,348	1,808,492
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	934	-	-	-	-	285
Investments purchased	-	10,391	2,523	10,484	4,550	-
Total Liabilities	934	10,391	2,523	10,484	4,550	285
NET ASSETS	\$10,570,813	\$9,219,075	\$5,282,704	\$10,793,957	\$8,655,798	\$1,808,207
NET ASSETS CONSIST OF:						
Accumulation units	10,570,813	9,219,075	5,272,144	10,759,605	8,655,798	1,808,207
Contracts in payout (annuitization) period	-	-	10,560	34,352	-	-
NET ASSETS	\$10,570,813	\$9,219,075	\$5,282,704	\$10,793,957	\$8,655,798	\$1,808,207
Units Outstanding	859,343	891,650	420,931	711,971	900,481	196,258
Accumulation Unit Value	\$11.31 - \$14.73	\$10.11 - \$10.39	\$11.53 - \$16.49	\$11.43 - \$16.53	\$9.26 - \$12.52	\$8.99 - \$9.27
Cost of Investments	\$10,698,891	\$9,423,645	\$6,168,259	\$10,767,040	\$8,470,174	\$2,057,331

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

Variable Accounts

	Ivy VIP Energy Class II	Janus Henderson Balanced Service Shares	Janus Henderson Flexible Bond Service Shares	JPMorgan Insurance Trust Global Allocation Class 2	JPMorgan Insurance Trust Income Builder Class 2	ClearBridge Variable Aggressive Growth - Class II
ASSETS						
Investments in mutual funds, at value	\$760,701	\$182,601,622	\$1,829,689	\$578,372	\$785,020	\$450,177
Receivables:						
Due from Pacific Life & Annuity Company	952	369,379	-	-	-	393
Investments sold	-	-	194	60	78	-
Total Assets	761,653	182,971,001	1,829,883	578,432	785,098	450,570
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	-	280	84	147	-
Investments purchased	989	371,377	-	-	-	412
Total Liabilities	989	371,377	280	84	147	412
NET ASSETS	\$760,664	\$182,599,624	\$1,829,603	\$578,348	\$784,951	\$450,158
NET ASSETS CONSIST OF:						
Accumulation units	760,664	182,599,624	1,829,603	578,348	784,951	450,158
Contracts in payout (annuitization) period	-	-	-	-	-	-
NET ASSETS	\$760,664	\$182,599,624	\$1,829,603	\$578,348	\$784,951	\$450,158
Units Outstanding	146,296	12,958,585	183,288	55,128	75,767	44,316
Accumulation Unit Value	\$5.12 - \$5.58	\$11.00 - \$15.53	\$9.73 - \$10.16	\$10.37 - \$10.54	\$10.21 - \$10.40	\$9.99 - \$10.62
Cost of Investments	\$1,031,228	\$169,975,197	\$1,905,676	\$583,103	\$753,883	\$525,655
	Lord Abbett Bond Debenture Class VC	Lord Abbett International Equity Class VC	Lord Abbett Total Return Class VC	MFS Total Return Series - Service Class	MFS Utilities Series - Service Class	MFS Value Series - Service Class
ASSETS						
Investments in mutual funds, at value	\$3,490,591	\$964,834	\$6,235,645	\$29,731,551	\$3,930,096	\$863,422
Receivables:						
Due from Pacific Life & Annuity Company	-	491	15,150	-	-	1,665
Investments sold	2,303	-	-	4,175	4,066	-
Total Assets	3,492,894	965,325	6,250,795	29,735,726	3,934,162	865,087
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	2,509	-	-	4,527	4,294	-
Investments purchased	-	525	15,395	-	-	1,690
Total Liabilities	2,509	525	15,395	4,527	4,294	1,690
NET ASSETS	\$3,490,385	\$964,800	\$6,235,400	\$29,731,199	\$3,929,868	\$863,397
NET ASSETS CONSIST OF:						
Accumulation units	3,485,939	964,800	6,235,400	29,731,199	3,897,505	863,397
Contracts in payout (annuitization) period	4,446	-	-	-	32,363	-
NET ASSETS	\$3,490,385	\$964,800	\$6,235,400	\$29,731,199	\$3,929,868	\$863,397
Units Outstanding	299,033	101,672	584,543	2,267,268	319,407	44,709
Accumulation Unit Value	\$10.55 - \$12.70	\$8.32 - \$12.58	\$10.01 - \$12.65	\$9.98 - \$15.28	\$11.75 - \$14.20	\$18.24 - \$22.29
Cost of Investments	\$3,742,755	\$1,090,251	\$6,486,994	\$30,697,327	\$3,736,331	\$815,398

SEPARATE ACCOUNT A
STATEMENTS OF ASSETS AND LIABILITIES (Continued)
DECEMBER 31, 2018

Variable Accounts

	MFS	Neuberger Berman	Oppenheimer	Oppenheimer	PIMCO	PIMCO
	Massachusetts	U.S. Equity Index	Global Fund/VA	International	All Asset All	Commodity-
	Investors	PutWrite Strategy	Service Shares	Growth Fund/VA	Authority -	RealReturn
	Growth Stock -	Class S	Service Shares	Service Shares	Advisor Class	Strategy -
	Service Class					Advisor Class
ASSETS						
Investments in mutual funds, at value	\$572,121	\$135,208	\$1,412,360	\$563,390	\$82,396	\$248,896
Receivables:						
Due from Pacific Life & Annuity Company	832	-	8,194	759	-	664
Investments sold	-	14	-	-	308	-
Total Assets	572,953	135,222	1,420,554	564,149	82,704	249,560
LIABILITIES						
Payables:						
Due to Pacific Life & Annuity Company	-	21	-	-	315	-
Investments purchased	877	-	8,284	783	-	686
Total Liabilities	877	21	8,284	783	315	686
NET ASSETS	\$572,076	\$135,201	\$1,412,270	\$563,366	\$82,389	\$248,874
NET ASSETS CONSIST OF:						
Accumulation units	572,076	135,201	1,080,261	563,366	82,389	248,874
Contracts in payout (annuitization) period	-	-	332,009	-	-	-
NET ASSETS	\$572,076	\$135,201	\$1,412,270	\$563,366	\$82,389	\$248,874
Units Outstanding	43,971	14,517	128,226	59,998	8,996	49,491
Accumulation Unit Value	\$12.94 - \$13.04	\$9.26 - \$9.32	\$10.85 - \$11.85	\$9.27 - \$9.65	\$9.04 - \$9.17	\$4.63 - \$5.10
Cost of Investments	\$553,807	\$143,563	\$1,508,141	\$674,362	\$84,314	\$288,482

	Schwab	Schwab	Schwab	State Street	VanEck VIP
	Schwab	VIT Balanced	VIT Growth	Total Return	Global Hard Assets
	VIT Balanced	with Growth		V.I.S. Class 3	Class S
ASSETS					
Investments in mutual funds, at value	\$2,985,957	\$7,464,270	\$4,632,529	\$18,863,232	\$811,572
Receivables:					
Due from Pacific Life & Annuity Company	-	-	-	12,662	-
Investments sold	147	1,839	227	-	108
Total Assets	2,986,104	7,466,109	4,632,756	18,875,894	811,680
LIABILITIES					
Payables:					
Due to Pacific Life & Annuity Company	201	1,892	225	-	134
Investments purchased	-	-	-	12,223	-
Total Liabilities	201	1,892	225	12,223	134
NET ASSETS	\$2,985,903	\$7,464,217	\$4,632,531	\$18,863,671	\$811,546
NET ASSETS CONSIST OF:					
Accumulation units	2,985,903	7,464,217	4,632,531	18,863,671	811,546
Contracts in payout (annuitization) period	-	-	-	-	-
NET ASSETS	\$2,985,903	\$7,464,217	\$4,632,531	\$18,863,671	\$811,546
Units Outstanding	249,889	581,801	334,031	1,287,844	143,414
Accumulation Unit Value	\$11.95 - \$11.95	\$12.83 - \$12.83	\$13.87 - \$13.87	\$10.09 - \$19.66	\$5.26 - \$6.78
Cost of Investments	\$2,734,516	\$6,917,394	\$4,030,662	\$21,295,066	\$1,008,230

**SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS
FOR THE YEAR ENDED DECEMBER 31, 2018**

	Variable Accounts					
	Core Income	Diversified Bond	Floating Rate Income	Floating Rate Loan	High Yield Bond	Inflation Managed
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	3,473	88,205	29,032	85,595	82,688	86,135
Administrative fees	1,088	17,502	6,260	17,216	15,621	17,513
Total Expenses	4,561	105,707	35,292	102,811	98,309	103,648
Net Investment Income (Loss)	(4,561)	(105,707)	(35,292)	(102,811)	(98,309)	(103,648)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(81)	(9,859)	(13,523)	23,148	13,522	(1,687)
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	(81)	(9,859)	(13,523)	23,148	13,522	(1,687)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(4,560)	(93,084)	(42,640)	(33,185)	(235,377)	(162,280)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$9,202)	(\$208,650)	(\$91,455)	(\$112,848)	(\$320,164)	(\$267,615)
	Inflation Strategy	Managed Bond	Short Duration Bond	Emerging Markets Debt	Comstock	Developing Growth
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	8,309	177,913	99,277	23,445	39,882	49,090
Administrative fees	1,640	34,602	20,521	4,245	7,979	9,661
Total Expenses	9,949	212,515	119,798	27,690	47,861	58,751
Net Investment Income (Loss)	(9,949)	(212,515)	(119,798)	(27,690)	(47,861)	(58,751)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(869)	(12,204)	6,211	264	67,599	(5,939)
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	(869)	(12,204)	6,211	264	67,599	(5,939)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(10,439)	(80,530)	101,274	(111,624)	(500,469)	103,379
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$21,257)	(\$305,249)	(\$12,313)	(\$139,050)	(\$480,731)	\$38,689
	Dividend Growth	Equity Index	Focused Growth	Growth	Large-Cap Growth	Large-Cap Value
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	146,581	837,352	100,735	70,494	90,236	60,325
Administrative fees	29,915	184,433	19,746	15,305	19,056	11,993
Total Expenses	176,496	1,021,785	120,481	85,799	109,292	72,318
Net Investment Income (Loss)	(176,496)	(1,021,785)	(120,481)	(85,799)	(109,292)	(72,318)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(25,154)	(244,987)	(22,962)	(20,203)	(57,834)	105,755
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	(25,154)	(244,987)	(22,962)	(20,203)	(57,834)	105,755
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(181,420)	(4,197,584)	337,445	103,529	27,529	(578,183)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$383,070)	(\$5,464,356)	\$194,002	(\$2,473)	(\$139,597)	(\$544,746)

SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS (Continued)
FOR THE YEAR ENDED DECEMBER 31, 2018

Variable Accounts

	Main Street Core	Mid-Cap Equity	Mid-Cap Growth	Mid-Cap Value	Small-Cap Equity	Small-Cap Index
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	55,067	70,619	88,485	37,268	35,126	93,084
Administrative fees	10,617	14,253	17,897	7,636	6,621	22,424
Total Expenses	65,684	84,872	106,382	44,904	41,747	115,508
Net Investment Income (Loss)	(65,684)	(84,872)	(106,382)	(44,904)	(41,747)	(115,508)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	550	546,914	(58,455)	(21,298)	(1,318)	(44,301)
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	550	546,914	(58,455)	(21,298)	(1,318)	(44,301)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(415,270)	(984,958)	(115,456)	(539,965)	(388,149)	(1,136,330)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$480,404)	(\$522,916)	(\$280,293)	(\$606,167)	(\$431,214)	(\$1,296,139)
	Small-Cap Value	Value Advantage	Emerging Markets	International Large-Cap	International Small-Cap	International Value
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	51,118	15,206	92,963	75,383	16,492	44,056
Administrative fees	10,038	3,287	17,355	14,951	3,076	8,199
Total Expenses	61,156	18,493	110,318	90,334	19,568	52,255
Net Investment Income (Loss)	(61,156)	(18,493)	(110,318)	(90,334)	(19,568)	(52,255)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	78,351	(1,000)	(82,171)	22,583	4,808	(7,852)
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	78,351	(1,000)	(82,171)	22,583	4,808	(7,852)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(808,108)	(138,204)	(940,593)	(837,029)	(341,313)	(586,428)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$790,913)	(\$157,697)	(\$1,133,082)	(\$904,780)	(\$356,073)	(\$646,535)
	Health Sciences	Real Estate	Technology	Currency Strategies	Diversified Alternatives	Equity Long/Short
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	218,073	71,621	97,434	5,538	352	17,931
Administrative fees	44,657	14,344	18,962	1,070	91	4,791
Total Expenses	262,730	85,965	116,396	6,608	443	22,722
Net Investment Income (Loss)	(262,730)	(85,965)	(116,396)	(6,608)	(443)	(22,722)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	176	54,260	(123,733)	1,750	(47)	(21,806)
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	176	54,260	(123,733)	1,750	(47)	(21,806)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	1,183,695	(522,889)	(105,660)	21,664	(2,778)	(348,944)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	\$921,141	(\$554,594)	(\$345,789)	\$16,806	(\$3,268)	(\$393,472)

SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS (Continued)
FOR THE YEAR ENDED DECEMBER 31, 2018

Variable Accounts

	Global Absolute Return	Pacific Dynamix - Conservative Growth	Pacific Dynamix - Moderate Growth	Pacific Dynamix - Growth	Portfolio Optimization Conservative	Portfolio Optimization Moderate- Conservative
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$-	\$-
EXPENSES						
Mortality and expense risk	8,273	454,773	1,490,664	334,395	1,018,275	2,146,585
Administrative fees	2,134	93,798	303,823	66,162	180,545	367,154
Total Expenses	10,407	548,571	1,794,487	400,557	1,198,820	2,513,739
Net Investment Income (Loss)	(10,407)	(548,571)	(1,794,487)	(400,557)	(1,198,820)	(2,513,739)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(1,089)	54,750	(41,294)	(109,226)	2,322,750	7,211,937
Capital gain distributions	-	-	-	-	-	-
Realized Gain (Loss) on Investments	(1,089)	54,750	(41,294)	(109,226)	2,322,750	7,211,937
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(87,995)	(1,683,551)	(7,605,090)	(2,065,966)	(5,023,687)	(15,122,814)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$99,491)	(\$2,177,372)	(\$9,440,871)	(\$2,575,749)	(\$3,899,757)	(\$10,424,616)
	Portfolio Optimization Moderate	Portfolio Optimization Growth	Portfolio Optimization Aggressive- Growth	PSF DFA Balanced Allocation	Invesco V.I. Balanced-Risk Allocation Series II	Invesco V.I. Equity and Income Series II
INVESTMENT INCOME						
Dividends	\$-	\$-	\$-	\$-	\$266,102	\$29,432
EXPENSES						
Mortality and expense risk	7,501,635	5,838,735	1,481,030	70,120	233,830	17,912
Administrative fees	1,280,707	983,442	244,551	15,276	46,912	3,363
Total Expenses	8,782,342	6,822,177	1,725,581	85,396	280,742	21,275
Net Investment Income (Loss)	(8,782,342)	(6,822,177)	(1,725,581)	(85,396)	(14,640)	8,157
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	25,610,091	22,781,447	5,562,430	(14,933)	(423,559)	38
Capital gain distributions	-	-	-	-	1,844,986	65,392
Realized Gain (Loss) on Investments	25,610,091	22,781,447	5,562,430	(14,933)	1,421,427	65,430
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(60,866,906)	(55,445,794)	(14,728,673)	(435,139)	(3,076,054)	(213,903)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$44,039,157)	(\$39,486,524)	(\$10,891,824)	(\$535,468)	(\$1,669,267)	(\$140,316)
	Invesco V.I. Global Real Estate Series II	American Century VP Mid Cap Value Class II	American Funds IS Asset Allocation Class 4	American Funds IS Blue Chip Income and Growth Class 4	American Funds IS Bond Class 4	American Funds IS Capital Income Builder Class 4
INVESTMENT INCOME						
Dividends	\$61,415	\$57,761	\$3,085,338	\$91,547	\$53,696	\$88,614
EXPENSES						
Mortality and expense risk	12,194	51,064	2,514,429	47,822	20,048	32,894
Administrative fees	3,985	10,295	498,249	9,906	4,407	7,439
Total Expenses	16,179	61,359	3,012,678	57,728	24,455	40,333
Net Investment Income (Loss)	45,236	(3,598)	72,660	33,819	29,241	48,281
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(30,598)	107,865	(275,915)	(18,270)	(13,358)	(12,617)
Capital gain distributions	20,478	276,914	9,387,430	358,529	2,886	7,140
Realized Gain (Loss) on Investments	(10,120)	384,779	9,111,515	340,259	(10,472)	(5,477)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(162,480)	(1,020,028)	(22,172,578)	(885,509)	(50,021)	(329,629)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$127,364)	(\$638,847)	(\$12,988,403)	(\$511,431)	(\$31,252)	(\$286,825)

SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS (Continued)
FOR THE YEAR ENDED DECEMBER 31, 2018

Variable Accounts

	American Funds IS Global Balanced Class 4	American Funds IS Global Bond Class 4	American Funds IS Global Growth and Income Class 4	American Funds IS Global Growth Class 4	American Funds IS Global Small Capitalization Class 4	American Funds IS Growth Class 4
INVESTMENT INCOME						
Dividends	\$27,148	\$13,917	\$29,529	\$15,232	\$243	\$35,009
EXPENSES						
Mortality and expense risk	16,836	13,279	20,769	32,798	11,523	160,418
Administrative fees	4,067	2,435	4,036	7,034	2,470	31,773
Total Expenses	20,903	15,714	24,805	39,832	13,993	192,191
Net Investment Income (Loss)	6,245	(1,797)	4,724	(24,600)	(13,750)	(157,182)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(8,276)	(44,048)	(11,225)	(39,615)	(1,405)	(10,051)
Capital gain distributions	28,441	4,748	136,086	220,687	48,577	1,330,653
Realized Gain (Loss) on Investments	20,165	(39,300)	124,861	181,072	47,172	1,320,602
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(209,257)	(20,753)	(355,576)	(472,806)	(172,553)	(1,455,232)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$182,847)	(\$61,850)	(\$225,991)	(\$316,334)	(\$139,131)	(\$291,812)
	American Funds IS Growth-Income Class 4	American Funds IS High-Income Bond Class 4	American Funds IS International Class 4	American Funds IS International Growth and Income Class 4	American Funds IS Managed Risk Asset Allocation Class P2	American Funds IS New World Fund Class 4
INVESTMENT INCOME						
Dividends	\$174,057	\$66,189	\$61,031	\$48,691	\$169,184	\$15,712
EXPENSES						
Mortality and expense risk	166,223	12,474	34,758	30,888	136,024	22,907
Administrative fees	33,974	2,728	7,624	6,178	30,647	5,069
Total Expenses	200,197	15,202	42,382	37,066	166,671	27,976
Net Investment Income (Loss)	(26,140)	50,987	18,649	11,625	2,513	(12,264)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(35,291)	(7,771)	(66,171)	(85,488)	(43,726)	(24,997)
Capital gain distributions	1,009,723	-	177,699	-	483,853	61,498
Realized Gain (Loss) on Investments	974,432	(7,771)	111,528	(85,488)	440,127	36,501
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(1,347,323)	(89,264)	(744,278)	(304,252)	(1,273,478)	(395,952)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$399,031)	(\$46,048)	(\$614,101)	(\$378,115)	(\$830,838)	(\$371,715)
	American Funds IS U.S. Government/ AAA-Rated Securities Class 4	BlackRock Capital Appreciation V.I. Class III	BlackRock Global Allocation V.I. Class III	BlackRock iShares Dynamic Allocation V.I. Class I	Fidelity VIP Contrafund Service Class 2	Fidelity VIP FundsManager 60% Service Class 2
INVESTMENT INCOME						
Dividends	\$23,600	\$-	\$1,124,886	\$27,700	\$86,098	\$339,142
EXPENSES						
Mortality and expense risk	15,490	3,180	1,528,363	28,768	209,053	342,267
Administrative fees	3,078	710	299,212	6,434	46,430	73,439
Total Expenses	18,568	3,890	1,827,575	35,202	255,483	415,706
Net Investment Income (Loss)	5,032	(3,890)	(702,689)	(7,502)	(169,385)	(76,564)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(31,115)	8,544	(18,700)	(973)	(159,330)	(534,381)
Capital gain distributions	-	131,075	5,720,749	37,932	1,531,687	3,601,901
Realized Gain (Loss) on Investments	(31,115)	139,619	5,702,049	36,959	1,372,357	3,067,520
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	15,278	(122,086)	(16,801,451)	(206,551)	(2,874,672)	(5,320,116)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$10,805)	\$13,643	(\$11,802,091)	(\$177,094)	(\$1,671,700)	(\$2,329,160)

SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS (Continued)
FOR THE YEAR ENDED DECEMBER 31, 2018

Variable Accounts

	Fidelity VIP Government Money Market Service Class	Fidelity VIP Strategic Income Service Class 2	First Trust Dorsey Wright Tactical Core Class I	First Trust/Dow Jones Dividend & Income Allocation Class I	First Trust Multi Income Allocation Class I	Franklin Founding Funds Allocation VIP Class 2
INVESTMENT INCOME						
Dividends	\$270,602	\$243,279	\$7,204	\$606,559	\$22,134	\$5,285
EXPENSES						
Mortality and expense risk	224,656	66,260	25,130	410,092	11,517	1,764
Administrative fees	40,857	13,347	5,010	84,809	2,513	290
Total Expenses	265,513	79,607	30,140	494,901	14,030	2,054
Net Investment Income (Loss)	5,089	163,672	(22,936)	111,658	8,104	3,231
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	-	(41,078)	(11,401)	(43,839)	(5,821)	(1,245)
Capital gain distributions	-	11,915	2,918	71,109	-	4,138
Realized Gain (Loss) on Investments	-	(29,163)	(8,483)	27,270	(5,821)	2,893
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	-	(396,786)	(210,793)	(2,961,560)	(64,326)	(21,002)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	\$5,089	(\$262,277)	(\$242,212)	(\$2,822,632)	(\$62,043)	(\$14,878)
	Franklin Founding Funds Allocation VIP Class 4	Franklin Income VIP Class 2	Franklin Mutual Global Discovery VIP Class 2	Franklin Rising Dividends VIP Class 2	Templeton Global Bond VIP Class 2	Ivy VIP Asset Strategy Class II
INVESTMENT INCOME						
Dividends	\$364,462	\$435,769	\$145,438	\$146,822	\$-	\$35,406
EXPENSES						
Mortality and expense risk	147,284	90,204	59,127	124,209	82,109	11,242
Administrative fees	27,115	22,434	13,461	27,859	18,992	2,337
Total Expenses	174,399	112,638	72,588	152,068	101,101	13,579
Net Investment Income (Loss)	190,063	323,131	72,850	(5,246)	(101,101)	21,827
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	8,353	(17,732)	(156,784)	29,441	(79,337)	(30,038)
Capital gain distributions	298,274	-	77,055	711,129	-	80,626
Realized Gain (Loss) on Investments	306,627	(17,732)	(79,729)	740,570	(79,337)	50,588
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(1,783,925)	(834,418)	(750,949)	(1,458,339)	231,312	(228,783)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$1,287,235)	(\$529,019)	(\$757,828)	(\$723,015)	\$50,874	(\$156,368)
	Ivy VIP Energy Class II	Janus Henderson Balanced Service Shares	Janus Henderson Flexible Bond Service Shares	JPMorgan Insurance Trust Global Allocation Class 2	JPMorgan Insurance Trust Income Builder Class 2	ClearBridge Variable Aggressive Growth - Class II
INVESTMENT INCOME						
Dividends	\$-	\$3,093,557	\$50,439	\$-	\$-	\$1,975
EXPENSES						
Mortality and expense risk	10,295	1,815,016	20,230	6,516	10,038	4,800
Administrative fees	2,374	392,965	4,700	1,118	2,539	910
Total Expenses	12,669	2,207,981	24,930	7,634	12,577	5,710
Net Investment Income (Loss)	(12,669)	885,576	25,509	(7,634)	(12,577)	(3,735)
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(4,862)	(231,393)	(18,873)	5,884	(1,077)	(10,739)
Capital gain distributions	-	4,285,250	-	3,452	1,953	36,464
Realized Gain (Loss) on Investments	(4,862)	4,053,857	(18,873)	9,336	876	25,725
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(372,866)	(7,426,162)	(57,068)	(42,462)	(52,424)	(78,894)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$390,397)	(\$2,486,729)	(\$50,432)	(\$40,760)	(\$64,125)	(\$56,904)

SEPARATE ACCOUNT A
STATEMENTS OF OPERATIONS (Continued)
FOR THE YEAR ENDED DECEMBER 31, 2018

	Variable Accounts					
	Lord Abbett Bond Debenture Class VC	Lord Abbett International Equity Class VC	Lord Abbett Total Return Class VC	MFS Total Return Series - Service Class	MFS Utilities Series - Service Class	MFS Value Series - Service Class
INVESTMENT INCOME						
Dividends	\$158,317	\$18,169	\$191,083	\$634,295	\$31,534	\$13,275
EXPENSES						
Mortality and expense risk	37,868	8,814	52,304	349,303	41,091	6,790
Administrative fees	8,276	2,184	11,144	74,357	8,688	1,504
Total Expenses	46,144	10,998	63,448	423,660	49,779	8,294
Net Investment Income (Loss)	112,173	7,171	127,635	210,635	(18,245)	4,981
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(26,736)	(12,713)	(31,816)	1,700	(19,705)	(2,338)
Capital gain distributions	80,584	-	-	1,460,578	14,416	69,128
Realized Gain (Loss) on Investments	53,848	(12,713)	(31,816)	1,462,278	(5,289)	66,790
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(358,898)	(231,444)	(216,167)	(3,980,521)	(11,866)	(178,984)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$192,877)	(\$236,986)	(\$120,348)	(\$2,307,608)	(\$35,400)	(\$107,213)
	MFS	Neuberger Berman	Oppenheimer	Oppenheimer	PIMCO	PIMCO
	Massachusetts	U.S. Equity Index	Global Fund/VA	International	All Asset All	Commodity-
	Investors	PutWrite Strategy	Global Fund/VA	Growth Fund/VA	Authority -	RealReturn
	Growth Stock -	Class S	Service Shares	Service Shares	Advisor Class	Strategy -
	Service Class					Advisor Class
INVESTMENT INCOME						
Dividends	\$2,125	\$-	\$24,308	\$3,167	\$2,837	\$5,573
EXPENSES						
Mortality and expense risk	4,279	676	35,783	4,881	856	3,129
Administrative fees	969	165	5,588	1,074	218	692
Total Expenses	5,248	841	41,371	5,955	1,074	3,821
Net Investment Income (Loss)	(3,123)	(841)	(17,063)	(2,788)	1,763	1,752
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	5,599	(36)	(101,878)	(1,371)	(358)	(16,713)
Capital gain distributions	37,552	1,759	226,719	10,039	-	-
Realized Gain (Loss) on Investments	43,151	1,723	124,841	8,668	(358)	(16,713)
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(35,840)	(11,264)	(429,175)	(137,447)	(8,479)	(30,688)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	\$4,188	(\$10,382)	(\$321,397)	(\$131,567)	(\$7,074)	(\$45,649)
	Schwab	Schwab	Schwab	State Street	VanEck VIP	
	VIT Balanced	VIT Balanced	VIT Growth	Total Return	Global Hard Assets	
		with Growth		V.I.S. Class 3	Class S	
INVESTMENT INCOME						
Dividends	\$44,303	\$120,631	\$120,833	\$396,942	\$-	
EXPENSES						
Mortality and expense risk	11,372	28,072	19,606	254,210	11,498	
Administrative fees	8,123	20,051	14,005	44,896	2,498	
Total Expenses	19,495	48,123	33,611	299,106	13,996	
Net Investment Income (Loss)	24,808	72,508	87,222	97,836	(13,996)	
REALIZED GAIN (LOSS) ON INVESTMENTS						
Realized gain (loss) on sale of investments	(5,502)	39,191	(42,451)	170,808	(4,201)	
Capital gain distributions	4,728	10,878	28,000	4,189,619	-	
Realized Gain (Loss) on Investments	(774)	50,069	(14,451)	4,360,427	(4,201)	
CHANGE IN NET UNREALIZED APPRECIATION (DEPRECIATION) ON INVESTMENTS	(197,809)	(706,965)	(560,867)	(6,105,193)	(306,522)	
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	(\$173,775)	(\$584,388)	(\$488,096)	(\$1,646,930)	(\$324,719)	

**SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS**

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Core Income		Diversified Bond		Floating Rate Income	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$4,561)	(\$2,257)	(\$105,707)	(\$101,109)	(\$35,292)	(\$26,217)
Realized gain (loss) on investments	(81)	86	(9,859)	9,902	(13,523)	2,212
Change in net unrealized appreciation (depreciation) on investments	(4,560)	8,385	(93,084)	482,187	(42,640)	69,954
Net Increase (Decrease) in Net Assets Resulting from Operations	(9,202)	6,214	(208,650)	390,980	(91,455)	45,949
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	417,645	46,314	888,793	1,269,924	703,509	339,496
Transfers between variable and fixed accounts, net	50,512	34,814	365,731	484,881	1,607,320	140,969
Contract benefits and terminations	(2,820)	(993)	(636,717)	(1,177,957)	(319,296)	(396,520)
Contract charges and deductions	(7)	(16)	(13,212)	(12,171)	(140)	(127)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	97	27	-	-
Other	(16)	(3)	144	(194)	82	(11)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	465,314	80,116	604,836	564,510	1,991,475	83,807
NET INCREASE (DECREASE) IN NET ASSETS	456,112	86,330	396,186	955,490	1,900,020	129,756
NET ASSETS						
Beginning of Year	208,254	121,924	7,817,230	6,861,740	1,988,122	1,858,366
End of Year	\$664,366	\$208,254	\$8,213,416	\$7,817,230	\$3,888,142	\$1,988,122
	Floating Rate Loan		High Yield Bond		Inflation Managed	
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Floating Rate Loan		High Yield Bond		Inflation Managed	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$102,811)	(\$105,991)	(\$98,309)	(\$106,228)	(\$103,648)	(\$102,408)
Realized gain (loss) on investments	23,148	20,480	13,522	116,497	(1,687)	4,047
Change in net unrealized appreciation (depreciation) on investments	(33,185)	276,086	(235,377)	453,108	(162,280)	257,423
Net Increase (Decrease) in Net Assets Resulting from Operations	(112,848)	190,575	(320,164)	463,377	(267,615)	159,062
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	581,442	277,267	795,993	339,970	293,999	388,297
Transfers between variable and fixed accounts, net	1,466,988	312,958	(172,103)	(900,363)	55,707	1,033,581
Contract benefits and terminations	(1,304,601)	(532,688)	(623,569)	(509,545)	(658,937)	(791,930)
Contract charges and deductions	(8,733)	(8,398)	(15,340)	(15,479)	(10,910)	(11,225)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(131)	3	113	(512)	4	(27)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	734,965	49,142	(14,906)	(1,085,929)	(320,137)	618,696
NET INCREASE (DECREASE) IN NET ASSETS	622,117	239,717	(335,070)	(622,552)	(587,752)	777,758
NET ASSETS						
Beginning of Year	7,374,914	7,135,197	6,903,679	7,526,231	7,633,227	6,855,469
End of Year	\$7,997,031	\$7,374,914	\$6,568,609	\$6,903,679	\$7,045,475	\$7,633,227

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Inflation Strategy		Managed Bond		Short Duration Bond	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$9,949)	(\$12,242)	(\$212,515)	(\$207,007)	(\$119,798)	(\$128,724)
Realized gain (loss) on investments	(869)	(8,395)	(12,204)	16,642	6,211	6,032
Change in net unrealized appreciation (depreciation) on investments	(10,439)	32,616	(80,530)	641,966	101,274	120,565
Net Increase (Decrease) in Net Assets Resulting from Operations	(21,257)	11,979	(305,249)	451,601	(12,313)	(2,127)
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	220,266	108,519	886,322	1,069,643	734,340	771,782
Transfers between variable and fixed accounts, net	4,188	(183,503)	460,065	926,268	786,706	(473,694)
Contract benefits and terminations	(18,147)	(194,448)	(1,031,251)	(1,602,300)	(1,134,592)	(862,329)
Contract charges and deductions	(1,084)	(1,004)	(21,714)	(20,652)	(25,076)	(25,069)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	82	(175)	(408)	(515)	126	6
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	205,305	(270,611)	293,014	372,444	361,504	(589,304)
NET INCREASE (DECREASE) IN NET ASSETS	184,048	(258,632)	(12,235)	824,045	349,191	(591,431)
NET ASSETS						
Beginning of Year	622,078	880,710	15,152,953	14,328,908	9,675,384	10,266,815
End of Year	\$806,126	\$622,078	\$15,140,718	\$15,152,953	\$10,024,575	\$9,675,384
	Emerging Markets Debt		Comstock		Developing Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$27,690)	(\$26,547)	(\$47,861)	(\$46,494)	(\$58,751)	(\$37,313)
Realized gain (loss) on investments	264	11,860	67,599	73,249	(5,939)	25,621
Change in net unrealized appreciation (depreciation) on investments	(111,624)	200,560	(500,469)	506,849	103,379	685,846
Net Increase (Decrease) in Net Assets Resulting from Operations	(139,050)	185,873	(480,731)	533,604	38,689	674,154
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	155,708	271,275	57,338	133,716	830,876	59,996
Transfers between variable and fixed accounts, net	(202,043)	(145,425)	156,278	(384,094)	860,687	(171,217)
Contract benefits and terminations	(190,544)	(64,757)	(396,581)	(230,677)	(239,367)	(220,276)
Contract charges and deductions	(3,457)	(3,265)	(9,979)	(9,931)	(6,112)	(6,762)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	19	(12)	(18)	22	(631)	(4)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(240,317)	57,816	(192,962)	(490,964)	1,445,453	(338,263)
NET INCREASE (DECREASE) IN NET ASSETS	(379,367)	243,689	(673,693)	42,640	1,484,142	335,891
NET ASSETS						
Beginning of Year	1,838,065	1,594,376	3,722,395	3,679,755	2,859,235	2,523,344
End of Year	\$1,458,698	\$1,838,065	\$3,048,702	\$3,722,395	\$4,343,377	\$2,859,235

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Dividend Growth		Equity Index		Focused Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$176,496)	(\$162,415)	(\$1,021,785)	(\$729,297)	(\$120,481)	(\$65,092)
Realized gain (loss) on investments	(25,154)	177,694	(244,987)	21,840	(22,962)	8,525
Change in net unrealized appreciation (depreciation) on investments	(181,420)	1,931,894	(4,197,584)	11,197,074	337,445	1,082,080
Net Increase (Decrease) in Net Assets Resulting from Operations	(383,070)	1,947,173	(5,464,356)	10,489,617	194,002	1,025,513
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,593,383	1,561,961	19,571,556	14,913,059	1,316,604	462,051
Transfers between variable and fixed accounts, net	802,681	(1,454,986)	(1,145,514)	3,377,911	594,351	2,541,622
Contract benefits and terminations	(1,241,989)	(979,244)	(4,108,595)	(3,310,652)	(912,555)	(219,612)
Contract charges and deductions	(22,140)	(20,810)	(14,701)	(15,171)	(6,070)	(4,915)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	(3)	-	-	-
Other	(4)	(24)	12,101	(701)	540	(139)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	1,131,931	(893,103)	14,314,844	14,964,446	992,870	2,779,007
NET INCREASE (DECREASE) IN NET ASSETS	748,861	1,054,070	8,850,488	25,454,063	1,186,872	3,804,520
NET ASSETS						
Beginning of Year	12,355,635	11,301,565	70,503,346	45,049,283	7,146,274	3,341,754
End of Year	\$13,104,496	\$12,355,635	\$79,353,834	\$70,503,346	\$8,333,146	\$7,146,274
	Growth		Large-Cap Growth		Large-Cap Value	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$85,799)	(\$58,599)	(\$109,292)	(\$72,577)	(\$72,318)	(\$75,408)
Realized gain (loss) on investments	(20,203)	4,587	(57,834)	12,195	105,755	44,028
Change in net unrealized appreciation (depreciation) on investments	103,529	1,097,239	27,529	1,453,716	(578,183)	638,882
Net Increase (Decrease) in Net Assets Resulting from Operations	(2,473)	1,043,227	(139,597)	1,393,334	(544,746)	607,502
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,370,978	653,995	1,235,935	850,692	985,662	438,389
Transfers between variable and fixed accounts, net	222,946	90,191	1,202,760	1,558,458	193,703	25,403
Contract benefits and terminations	(653,399)	(125,462)	(1,250,042)	(387,369)	(1,046,301)	(604,893)
Contract charges and deductions	(6,732)	(5,269)	(3,119)	(3,424)	(12,875)	(12,724)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	7,579	(18)	222	(224)	127	(66)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	941,372	613,437	1,185,756	2,018,133	120,316	(153,891)
NET INCREASE (DECREASE) IN NET ASSETS	938,899	1,656,664	1,046,159	3,411,467	(424,430)	453,611
NET ASSETS						
Beginning of Year	4,827,751	3,171,087	7,380,870	3,969,403	5,459,856	5,006,245
End of Year	\$5,766,650	\$4,827,751	\$8,427,029	\$7,380,870	\$5,035,426	\$5,459,856

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Main Street Core		Mid-Cap Equity		Mid-Cap Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$65,684)	(\$49,263)	(\$84,872)	(\$87,042)	(\$106,382)	(\$77,463)
Realized gain (loss) on investments	550	5,538	546,914	74,652	(58,455)	120,482
Change in net unrealized appreciation (depreciation) on investments	(415,270)	551,334	(984,958)	1,294,381	(115,456)	1,235,908
Net Increase (Decrease) in Net Assets Resulting from Operations	(480,404)	507,609	(522,916)	1,281,991	(280,293)	1,278,927
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	529,090	508,985	512,830	408,187	1,285,061	560,841
Transfers between variable and fixed accounts, net	1,566,338	(15,108)	(2,753,170)	1,552,556	2,221,854	(309,694)
Contract benefits and terminations	(560,646)	(254,999)	(581,919)	(551,185)	(1,010,078)	(362,296)
Contract charges and deductions	(6,492)	(4,563)	(7,910)	(8,145)	(13,201)	(13,066)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(27)	(37)	339	(101)	1,281	197
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	1,528,263	234,278	(2,829,830)	1,401,312	2,484,917	(124,018)
NET INCREASE (DECREASE) IN NET ASSETS	1,047,859	741,887	(3,352,746)	2,683,303	2,204,624	1,154,909
NET ASSETS						
Beginning of Year	3,905,960	3,164,073	7,946,483	5,263,180	5,815,785	4,660,876
End of Year	\$4,953,819	\$3,905,960	\$4,593,737	\$7,946,483	\$8,020,409	\$5,815,785
	Mid-Cap Value		Small-Cap Equity		Small-Cap Index	
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Mid-Cap Value		Small-Cap Equity		Small-Cap Index	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$44,904)	(\$40,593)	(\$41,747)	(\$40,182)	(\$115,508)	(\$73,174)
Realized gain (loss) on investments	(21,298)	2,765	(1,318)	(5,870)	(44,301)	(7,637)
Change in net unrealized appreciation (depreciation) on investments	(539,965)	446,703	(388,149)	260,857	(1,136,330)	868,788
Net Increase (Decrease) in Net Assets Resulting from Operations	(606,167)	408,875	(431,214)	214,805	(1,296,139)	787,977
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	362,261	259,357	573,510	191,077	1,507,206	1,426,866
Transfers between variable and fixed accounts, net	165,698	317,183	(757,604)	60,769	522,262	2,108,904
Contract benefits and terminations	(194,818)	(192,975)	(124,674)	(96,421)	(748,070)	(365,121)
Contract charges and deductions	(7,336)	(7,680)	(2,048)	(1,944)	(2,496)	(2,125)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	6	301	179	(25)	3,049	531
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	325,811	376,186	(310,637)	153,456	1,281,951	3,169,055
NET INCREASE (DECREASE) IN NET ASSETS	(280,356)	785,061	(741,851)	368,261	(14,188)	3,957,032
NET ASSETS						
Beginning of Year	3,453,554	2,668,493	3,158,942	2,790,681	8,846,277	4,889,245
End of Year	\$3,173,198	\$3,453,554	\$2,417,091	\$3,158,942	\$8,832,089	\$8,846,277

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Small-Cap Value		Value Advantage		Emerging Markets	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$61,156)	(\$74,180)	(\$18,493)	(\$25,028)	(\$110,318)	(\$90,656)
Realized gain (loss) on investments	78,351	51,727	(1,000)	60,355	(82,171)	23,219
Change in net unrealized appreciation (depreciation) on investments	(808,108)	371,193	(138,204)	155,523	(940,593)	1,873,754
Net Increase (Decrease) in Net Assets Resulting from Operations	(790,913)	348,740	(157,697)	190,850	(1,133,082)	1,806,317
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	278,833	672,744	184,889	319,036	1,046,948	697,717
Transfers between variable and fixed accounts, net	(186,648)	(643,667)	171,817	(131,229)	519,124	646,343
Contract benefits and terminations	(380,017)	(402,704)	(65,868)	(108,719)	(985,220)	(534,128)
Contract charges and deductions	(6,160)	(6,426)	(532)	(285)	(14,641)	(14,670)
Adjustments to net assets allocated to contracts in payout (annuitization) period	441	(358)	-	-	445	(354)
Other	(2)	(41)	(8)	49	1,336	619
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(293,553)	(380,452)	290,298	78,852	567,992	795,527
NET INCREASE (DECREASE) IN NET ASSETS	(1,084,466)	(31,712)	132,601	269,702	(565,090)	2,601,844
NET ASSETS						
Beginning of Year	4,811,760	4,843,472	1,269,254	999,552	7,916,505	5,314,661
End of Year	\$3,727,294	\$4,811,760	\$1,401,855	\$1,269,254	\$7,351,415	\$7,916,505
	International Large-Cap		International Small-Cap		International Value	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$90,334)	(\$85,971)	(\$19,568)	(\$24,060)	(\$52,255)	(\$49,009)
Realized gain (loss) on investments	22,583	5,110	4,808	196,124	(7,852)	29,219
Change in net unrealized appreciation (depreciation) on investments	(837,029)	1,528,414	(341,313)	283,347	(586,428)	640,963
Net Increase (Decrease) in Net Assets Resulting from Operations	(904,780)	1,447,553	(356,073)	455,411	(646,535)	621,173
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	338,608	392,218	169,764	150,863	512,849	236,643
Transfers between variable and fixed accounts, net	399,103	(281,288)	97,635	(921,468)	167,850	(157,644)
Contract benefits and terminations	(406,710)	(404,657)	(93,104)	(135,181)	(176,722)	(303,447)
Contract charges and deductions	(27,106)	(26,632)	(4,688)	(4,849)	(15,326)	(15,366)
Adjustments to net assets allocated to contracts in payout (annuitization) period	599	(498)	711	(589)	-	-
Other	(30)	(101)	(46)	87	(50)	(2)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	304,464	(320,958)	170,272	(911,137)	488,601	(239,816)
NET INCREASE (DECREASE) IN NET ASSETS	(600,316)	1,126,595	(185,801)	(455,726)	(157,934)	381,357
NET ASSETS						
Beginning of Year	6,931,724	5,805,129	1,417,392	1,873,118	3,647,299	3,265,942
End of Year	\$6,331,408	\$6,931,724	\$1,231,591	\$1,417,392	\$3,489,365	\$3,647,299

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Health Sciences		Real Estate		Technology	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$262,730)	(\$224,548)	(\$85,965)	(\$101,799)	(\$116,396)	(\$69,135)
Realized gain (loss) on investments	176	149,187	54,260	104,010	(123,733)	38,026
Change in net unrealized appreciation (depreciation) on investments	1,183,695	3,186,592	(522,889)	80,624	(105,660)	1,502,416
Net Increase (Decrease) in Net Assets Resulting from Operations	921,141	3,111,231	(554,594)	82,835	(345,789)	1,471,307
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,619,136	952,322	77,273	291,369	1,544,739	517,292
Transfers between variable and fixed accounts, net	2,938,775	(1,324,605)	180,690	(1,225,832)	2,367,185	771,233
Contract benefits and terminations	(1,689,582)	(918,886)	(558,708)	(621,687)	(675,975)	(267,758)
Contract charges and deductions	(12,776)	(13,458)	(7,153)	(7,887)	(8,422)	(8,166)
Adjustments to net assets allocated to contracts in payout (annuitization) period	634	(523)	27	51	1,049	(824)
Other	(181)	7	(55)	70	788	(1,381)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	2,856,006	(1,305,143)	(307,926)	(1,563,916)	3,229,364	1,010,396
NET INCREASE (DECREASE) IN NET ASSETS	3,777,147	1,806,088	(862,520)	(1,481,081)	2,883,575	2,481,703
NET ASSETS						
Beginning of Year	16,898,205	15,092,117	6,532,523	8,013,604	5,907,740	3,426,037
End of Year	\$20,675,352	\$16,898,205	\$5,670,003	\$6,532,523	\$8,791,315	\$5,907,740
	Currency Strategies		Diversified Alternatives		Equity Long/Short	
	INCREASE (DECREASE) IN NET ASSETS					
	FROM OPERATIONS					
Net investment income (loss)	(\$6,608)	(\$2,314)	(\$443)	(\$117)	(\$22,722)	(\$23,951)
Realized gain (loss) on investments	1,750	(35)	(47)	-	(21,806)	25,473
Change in net unrealized appreciation (depreciation) on investments	21,664	(7,170)	(2,778)	335	(348,944)	289,721
Net Increase (Decrease) in Net Assets Resulting from Operations	16,806	(9,519)	(3,268)	218	(393,472)	291,243
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	52,801	20,183	7,001	10,537	176,216	305,591
Transfers between variable and fixed accounts, net	417,174	15,053	18,191	12,949	173,455	(58,562)
Contract benefits and terminations	(61,010)	(3,738)	-	-	(194,711)	(92,642)
Contract charges and deductions	(36)	(7)	(2)	(1)	(111)	(238)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(21)	(3)	(3)	(3)	21	(17)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	408,908	31,488	25,187	23,482	154,870	154,132
NET INCREASE (DECREASE) IN NET ASSETS	425,714	21,969	21,919	23,700	(238,602)	445,375
NET ASSETS						
Beginning of Year	186,254	164,285	24,428	728	2,003,722	1,558,347
End of Year	\$611,968	\$186,254	\$46,347	\$24,428	\$1,765,120	\$2,003,722

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Global Absolute Return		Pacific Dynamix - Conservative Growth		Pacific Dynamix - Moderate Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$10,407)	(\$9,499)	(\$548,571)	(\$532,170)	(\$1,794,487)	(\$1,683,784)
Realized gain (loss) on investments	(1,089)	1,447	54,750	59,303	(41,294)	77,959
Change in net unrealized appreciation (depreciation) on investments	(87,995)	44,303	(1,683,551)	3,859,296	(7,605,090)	16,354,993
Net Increase (Decrease) in Net Assets Resulting from Operations	(99,491)	36,251	(2,177,372)	3,386,429	(9,440,871)	14,749,168
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	198,655	37,621	1,845,535	1,610,129	14,264,815	12,645,916
Transfers between variable and fixed accounts, net	38,884	132,383	2,393,284	2,341,303	2,933,972	6,923,241
Contract benefits and terminations	(42,094)	(75,223)	(4,234,633)	(4,066,011)	(14,258,713)	(11,502,689)
Contract charges and deductions	(50)	(46)	(208,103)	(217,691)	(825,755)	(808,579)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(4)	(3)	711	(26)	2,879	(2,907)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	195,391	94,732	(203,206)	(332,296)	2,117,198	7,254,982
NET INCREASE (DECREASE) IN NET ASSETS	95,900	130,983	(2,380,578)	3,054,133	(7,323,673)	22,004,150
NET ASSETS						
Beginning of Year	834,267	703,284	42,949,805	39,895,672	137,693,884	115,689,734
End of Year	\$930,167	\$834,267	\$40,569,227	\$42,949,805	\$130,370,211	\$137,693,884
	Pacific Dynamix - Growth		Portfolio Optimization Conservative		Portfolio Optimization Moderate-Conservative	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$400,557)	(\$345,273)	(\$1,198,820)	(\$1,338,740)	(\$2,513,739)	(\$2,738,330)
Realized gain (loss) on investments	(109,226)	61,087	2,322,750	2,294,299	7,211,937	3,608,948
Change in net unrealized appreciation (depreciation) on investments	(2,065,966)	4,065,757	(5,023,687)	4,150,644	(15,122,814)	14,896,271
Net Increase (Decrease) in Net Assets Resulting from Operations	(2,575,749)	3,781,571	(3,899,757)	5,106,203	(10,424,616)	15,766,889
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	5,235,609	2,521,113	1,627,473	1,250,087	2,520,572	2,486,912
Transfers between variable and fixed accounts, net	1,228,128	2,057,840	2,761,692	(1,672,922)	(3,129,386)	592,069
Contract benefits and terminations	(5,660,890)	(3,184,384)	(12,789,732)	(11,066,837)	(20,783,133)	(20,992,398)
Contract charges and deductions	(130,535)	(132,525)	(579,012)	(646,166)	(985,198)	(1,063,158)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	(22,011)	-	-	-
Other	2,732	359	1,748	842	1,186	1,502
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	675,044	1,262,403	(8,999,842)	(12,134,996)	(22,375,959)	(18,975,073)
NET INCREASE (DECREASE) IN NET ASSETS	(1,900,705)	5,043,974	(12,899,599)	(7,028,793)	(32,800,575)	(3,208,184)
NET ASSETS						
Beginning of Year	28,410,547	23,366,573	86,914,663	93,943,456	177,653,644	180,861,828
End of Year	\$26,509,842	\$28,410,547	\$74,015,064	\$86,914,663	\$144,853,069	\$177,653,644

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Portfolio Optimization Moderate		Portfolio Optimization Growth		Portfolio Optimization Aggressive-Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$8,782,342)	(\$9,285,127)	(\$6,822,177)	(\$7,265,811)	(\$1,725,581)	(\$1,820,079)
Realized gain (loss) on investments	25,610,091	19,241,935	22,781,447	21,871,801	5,562,430	6,054,369
Change in net unrealized appreciation (depreciation) on investments	(60,866,906)	55,265,287	(55,445,794)	46,838,909	(14,728,673)	12,671,970
Net Increase (Decrease) in Net Assets Resulting from Operations	(44,039,157)	65,222,095	(39,486,524)	61,444,899	(10,891,824)	16,906,260
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	13,853,717	10,100,242	4,694,179	3,917,749	1,157,816	1,003,157
Transfers between variable and fixed accounts, net	(6,044,563)	2,074,363	(5,459,332)	(8,801,695)	(616,616)	(4,205,580)
Contract benefits and terminations	(68,308,908)	(59,650,549)	(46,291,313)	(51,009,404)	(11,056,416)	(10,219,936)
Contract charges and deductions	(4,108,594)	(4,385,482)	(2,966,297)	(3,193,150)	(688,383)	(726,686)
Adjustments to net assets allocated to contracts in payout (annuitization) period	(7,736)	-	(28,696)	-	-	-
Other	11,611	13,377	1,774	4,223	256	1,891
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(64,604,473)	(51,848,049)	(50,049,685)	(59,082,277)	(11,203,343)	(14,147,154)
NET INCREASE (DECREASE) IN NET ASSETS	(108,643,630)	13,374,046	(89,536,209)	2,362,622	(22,095,167)	2,759,106
NET ASSETS						
Beginning of Year	604,636,882	591,262,836	453,337,016	450,974,394	110,883,550	108,124,444
End of Year	\$495,993,252	\$604,636,882	\$363,800,807	\$453,337,016	\$88,788,383	\$110,883,550
	PSF DFA Balanced Allocation		Invesco V.I. Balanced-Risk Allocation Series II		Invesco V.I. Equity and Income Series II	
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	PSF DFA Balanced Allocation		Invesco V.I. Balanced-Risk Allocation Series II		Invesco V.I. Equity and Income Series II	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$85,396)	(\$45,950)	(\$14,640)	\$512,593	\$8,157	\$13,056
Realized gain (loss) on investments	(14,933)	1,414	1,421,427	921,936	65,430	34,647
Change in net unrealized appreciation (depreciation) on investments	(435,139)	399,307	(3,076,054)	221,299	(213,903)	106,411
Net Increase (Decrease) in Net Assets Resulting from Operations	(535,468)	354,771	(1,669,267)	1,655,828	(140,316)	154,114
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	2,420,474	1,329,829	1,368,520	1,194,144	61,216	177,291
Transfers between variable and fixed accounts, net	411,003	3,288,426	182,934	562,886	(1,112,048)	1,270,888
Contract benefits and terminations	(303,081)	(291,294)	(1,935,364)	(1,341,204)	(145,648)	(39,156)
Contract charges and deductions	(32,563)	(11,208)	(175,747)	(179,588)	(1,322)	(949)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	3,057	(275)	(39)	(28)	86	(170)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	2,498,890	4,315,478	(559,696)	236,210	(1,197,716)	1,407,904
NET INCREASE (DECREASE) IN NET ASSETS	1,963,422	4,670,249	(2,228,963)	1,892,038	(1,338,032)	1,562,018
NET ASSETS						
Beginning of Year	5,124,462	454,213	21,280,209	19,388,171	2,463,734	901,716
End of Year	\$7,087,884	\$5,124,462	\$19,051,246	\$21,280,209	\$1,125,702	\$2,463,734

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Invesco V.I. Global Real Estate Series II		American Century VP Mid Cap Value Class II		American Funds IS Asset Allocation Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$45,236	\$38,887	(\$3,598)	\$1,764	\$72,660	(\$66,888)
Realized gain (loss) on investments	(10,120)	21,733	384,779	229,480	9,111,515	8,928,965
Change in net unrealized appreciation (depreciation) on investments	(162,480)	55,468	(1,020,028)	326,916	(22,172,578)	17,193,874
Net Increase (Decrease) in Net Assets Resulting from Operations	(127,364)	116,088	(638,847)	558,160	(12,988,403)	26,055,951
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	107,059	86,666	378,399	507,748	12,792,371	13,685,117
Transfers between variable and fixed accounts, net	(228,960)	1,084,725	(437,406)	(1,416,145)	2,253,151	8,471,362
Contract benefits and terminations	(27,132)	(15,881)	(730,255)	(367,484)	(18,204,224)	(10,461,919)
Contract charges and deductions	(51)	(55)	(629)	(771)	(1,568,739)	(1,513,999)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	23	(83)	59	26	5,610	(2,318)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(149,061)	1,155,372	(789,832)	(1,276,626)	(4,721,831)	10,178,243
NET INCREASE (DECREASE) IN NET ASSETS	(276,425)	1,271,460	(1,428,679)	(718,466)	(17,710,234)	36,234,194
NET ASSETS						
Beginning of Year	1,770,011	498,551	5,291,149	6,009,615	215,128,897	178,894,703
End of Year	\$1,493,586	\$1,770,011	\$3,862,470	\$5,291,149	\$197,418,663	\$215,128,897
	American Funds IS Blue Chip Income and Growth Class 4		American Funds IS Bond Class 4		American Funds IS Capital Income Builder Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$33,819	\$18,003	\$29,241	\$16,024	\$48,281	\$35,728
Realized gain (loss) on investments	340,259	185,023	(10,472)	6,828	(5,477)	(2,860)
Change in net unrealized appreciation (depreciation) on investments	(885,509)	340,859	(50,021)	(4,372)	(329,629)	242,935
Net Increase (Decrease) in Net Assets Resulting from Operations	(511,431)	543,885	(31,252)	18,480	(286,825)	275,803
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,288,815	880,722	608,682	619,595	529,693	346,395
Transfers between variable and fixed accounts, net	198,657	(218,563)	343,188	266,635	198,103	246,647
Contract benefits and terminations	(163,162)	(131,824)	(143,755)	(28,270)	(184,764)	(64,044)
Contract charges and deductions	(1,321)	(1,258)	(1,904)	(1,121)	(1,936)	(1,590)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	51	(51)	107	380	210	(13)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	1,323,040	529,026	806,318	857,219	541,306	527,395
NET INCREASE (DECREASE) IN NET ASSETS	811,609	1,072,911	775,066	875,699	254,481	803,198
NET ASSETS						
Beginning of Year	3,803,353	2,730,442	1,658,809	783,110	3,029,553	2,226,355
End of Year	\$4,614,962	\$3,803,353	\$2,433,875	\$1,658,809	\$3,284,034	\$3,029,553

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	American Funds IS Global Balanced Class 4		American Funds IS Global Bond Class 4		American Funds IS Global Growth and Income Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$6,245	\$3,351	(\$1,797)	(\$5,957)	\$4,724	\$12,653
Realized gain (loss) on investments	20,165	28,006	(39,300)	(674)	124,861	147,634
Change in net unrealized appreciation (depreciation) on investments	(209,257)	42,457	(20,753)	35,982	(355,576)	149,366
Net Increase (Decrease) in Net Assets Resulting from Operations	(182,847)	73,814	(61,850)	29,351	(225,991)	309,653
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	700,782	101,587	210,439	171,128	459,206	759,121
Transfers between variable and fixed accounts, net	853,774	640,111	(163,836)	24,968	57,792	(879,730)
Contract benefits and terminations	(141,537)	(5,342)	(133,386)	(29,009)	(57,170)	(62,316)
Contract charges and deductions	(1,050)	(219)	(440)	(244)	(418)	(372)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(50)	(37)	1	(32)	(16)	(352)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	1,411,919	736,100	(87,222)	166,811	459,394	(183,649)
NET INCREASE (DECREASE) IN NET ASSETS	1,229,072	809,914	(149,072)	196,162	233,403	126,004
NET ASSETS						
Beginning of Year	1,051,289	241,375	782,581	586,419	1,588,580	1,462,576
End of Year	\$2,280,361	\$1,051,289	\$633,509	\$782,581	\$1,821,983	\$1,588,580
	American Funds IS Global Growth Class 4		American Funds IS Global Small Capitalization Class 4		American Funds IS Growth Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$24,600)	(\$14,347)	(\$13,750)	(\$5,923)	(\$157,182)	(\$100,127)
Realized gain (loss) on investments	181,072	63,060	47,172	(262)	1,320,602	990,544
Change in net unrealized appreciation (depreciation) on investments	(472,806)	483,554	(172,553)	136,335	(1,455,232)	1,521,609
Net Increase (Decrease) in Net Assets Resulting from Operations	(316,334)	532,267	(139,131)	130,150	(291,812)	2,412,026
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	621,301	489,654	232,976	163,444	1,955,985	1,221,389
Transfers between variable and fixed accounts, net	(154,296)	724,850	86,949	206,177	(678,153)	1,139,740
Contract benefits and terminations	(686,791)	(145,787)	(9,780)	(1,479)	(902,588)	(741,632)
Contract charges and deductions	(1,133)	(827)	(291)	(165)	(14,129)	(13,776)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	1,329	(1,049)
Other	1,371	(80)	(2)	(32)	927	(1,236)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(219,548)	1,067,810	309,852	367,945	363,371	1,603,436
NET INCREASE (DECREASE) IN NET ASSETS	(535,882)	1,600,077	170,721	498,095	71,559	4,015,462
NET ASSETS						
Beginning of Year	3,200,914	1,600,837	813,505	315,410	12,837,352	8,821,890
End of Year	\$2,665,032	\$3,200,914	\$984,226	\$813,505	\$12,908,911	\$12,837,352

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	American Funds IS Growth-Income Class 4		American Funds IS High- Income Bond Class 4		American Funds IS International Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$26,140)	\$8,773	\$50,987	\$54,574	\$18,649	\$12,467
Realized gain (loss) on investments	974,432	674,501	(7,771)	(3,136)	111,528	(20,643)
Change in net unrealized appreciation (depreciation) on investments	(1,347,323)	1,335,154	(89,264)	(10,888)	(744,278)	415,670
Net Increase (Decrease) in Net Assets Resulting from Operations	(399,031)	2,018,428	(46,048)	40,550	(614,101)	407,494
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,799,014	1,671,121	138,579	531,757	1,099,523	365,209
Transfers between variable and fixed accounts, net	(1,902,594)	2,000,565	65,912	94,664	106,078	1,052,425
Contract benefits and terminations	(746,368)	(828,356)	(131,670)	(134,522)	(54,465)	(30,079)
Contract charges and deductions	(9,844)	(9,615)	(724)	(451)	(519)	(264)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	927	1,368	(15)	452	(28)	(196)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(858,865)	2,835,083	72,082	491,900	1,150,589	1,387,095
NET INCREASE (DECREASE) IN NET ASSETS	(1,257,896)	4,853,511	26,034	532,450	536,488	1,794,589
NET ASSETS						
Beginning of Year	13,840,762	8,987,251	1,141,009	608,559	2,895,535	1,100,946
End of Year	\$12,582,866	\$13,840,762	\$1,167,043	\$1,141,009	\$3,432,023	\$2,895,535
	American Funds IS International Growth and Income Class 4		American Funds IS Managed Risk Asset Allocation Class P2		American Funds IS New World Fund Class 4	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$11,625	\$25,370	\$2,513	(\$52,998)	(\$12,264)	(\$6,834)
Realized gain (loss) on investments	(85,488)	(3,659)	440,127	89,749	36,501	688
Change in net unrealized appreciation (depreciation) on investments	(304,252)	243,708	(1,273,478)	1,105,641	(395,952)	408,725
Net Increase (Decrease) in Net Assets Resulting from Operations	(378,115)	265,419	(830,838)	1,142,392	(371,715)	402,579
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	532,815	361,057	2,843,748	3,405,233	497,731	307,908
Transfers between variable and fixed accounts, net	(377,562)	1,021,465	131,635	539,409	153,753	207,510
Contract benefits and terminations	(130,628)	(37,845)	(746,381)	(443,512)	(379,414)	(47,991)
Contract charges and deductions	(293)	(286)	(83,678)	(70,522)	(791)	(597)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	31	(139)	1,367	68	135	(56)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	24,363	1,344,252	2,146,691	3,430,676	271,414	466,774
NET INCREASE (DECREASE) IN NET ASSETS	(353,752)	1,609,671	1,315,853	4,573,068	(100,301)	869,353
NET ASSETS						
Beginning of Year	2,398,157	788,486	11,376,512	6,803,444	2,162,319	1,292,966
End of Year	\$2,044,405	\$2,398,157	\$12,692,365	\$11,376,512	\$2,062,018	\$2,162,319

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	American Funds AAA-Rated Securities	IS U.S. Government/ Class 4	BlackRock Capital V.I. Class III	Appreciation	BlackRock Global Allocation V.I. Class III	Allocation V.I. Class III
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$5,032	(\$811)	(\$3,890)	(\$3,725)	(\$702,689)	(\$91,017)
Realized gain (loss) on investments	(31,115)	(17,648)	139,619	59,459	5,702,049	481,822
Change in net unrealized appreciation (depreciation) on investments	15,278	14,406	(122,086)	70,884	(16,801,451)	16,241,335
Net Increase (Decrease) in Net Assets Resulting from Operations	(10,805)	(4,053)	13,643	126,618	(11,802,091)	16,632,140
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	160,534	171,743	-	7,514	3,276,075	3,602,430
Transfers between variable and fixed accounts, net	(19,625)	336,198	(53,254)	(77,217)	(2,261,563)	(3,194,666)
Contract benefits and terminations	(38,866)	(222,809)	(16,026)	(16,465)	(15,384,544)	(13,176,110)
Contract charges and deductions	(403)	(346)	(4,903)	(4,575)	(1,124,164)	(1,184,327)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	141	371	3	(3)	1,443	(412)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	101,781	285,157	(74,180)	(90,746)	(15,492,753)	(13,953,085)
NET INCREASE (DECREASE) IN NET ASSETS	90,976	281,104	(60,537)	35,872	(27,294,844)	2,679,055
NET ASSETS						
Beginning of Year	1,409,467	1,128,363	466,088	430,216	146,398,560	143,719,505
End of Year	\$1,500,443	\$1,409,467	\$405,551	\$466,088	\$119,103,716	\$146,398,560
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$7,502)	\$23,395	(\$169,385)	(\$78,674)	(\$76,564)	(\$71,503)
Realized gain (loss) on investments	36,959	58	1,372,357	751,764	3,067,520	448,318
Change in net unrealized appreciation (depreciation) on investments	(206,551)	225,136	(2,874,672)	2,022,545	(5,320,116)	3,176,123
Net Increase (Decrease) in Net Assets Resulting from Operations	(177,094)	248,589	(1,671,700)	2,695,635	(2,329,160)	3,552,938
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	165,620	777,007	3,483,378	2,532,378	3,976,635	3,220,987
Transfers between variable and fixed accounts, net	88,897	37,967	937,611	(598,259)	911,626	3,065,465
Contract benefits and terminations	(50,011)	(61,178)	(1,278,401)	(1,188,090)	(4,022,081)	(2,652,044)
Contract charges and deductions	(121)	(95)	(3,366)	(2,826)	(236,250)	(201,363)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	70	(78)	1,698	(134)	1,401	252
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	204,455	753,623	3,140,920	743,069	631,331	3,433,297
NET INCREASE (DECREASE) IN NET ASSETS	27,361	1,002,212	1,469,220	3,438,704	(1,697,829)	6,986,235
NET ASSETS						
Beginning of Year	2,645,191	1,642,979	16,911,587	13,472,883	29,987,745	23,001,510
End of Year	\$2,672,552	\$2,645,191	\$18,380,807	\$16,911,587	\$28,289,916	\$29,987,745

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Fidelity VIP Government Money Market Service Class		Fidelity VIP Strategic Income Service Class 2		First Trust Dorsey Wright Tactical Core Class I	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$5,089	(\$111,800)	\$163,672	\$116,346	(\$22,936)	(\$5,042)
Realized gain (loss) on investments	-	-	(29,163)	27,007	(8,483)	18,071
Change in net unrealized appreciation (depreciation) on investments	-	-	(396,786)	38,592	(210,793)	147,237
Net Increase (Decrease) in Net Assets Resulting from Operations	5,089	(111,800)	(262,277)	181,945	(242,212)	160,266
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	1,180,137	3,479,826	1,245,933	1,125,471	587,490	237,303
Transfers between variable and fixed accounts, net	13,050,055	7,488,838	843,621	1,822,283	168,177	876,157
Contract benefits and terminations	(10,690,853)	(2,570,734)	(655,090)	(156,351)	(124,881)	(14,306)
Contract charges and deductions	(9,752)	(4,092)	(1,050)	(1,030)	(77)	(44)
Adjustments to net assets allocated to contracts in payout (annuitization) period	(113)	202	-	-	-	-
Other	178	(321)	6	(730)	(18)	(130)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	3,529,652	8,393,719	1,433,420	2,789,643	630,691	1,098,980
NET INCREASE (DECREASE) IN NET ASSETS	3,534,741	8,281,919	1,171,143	2,971,588	388,479	1,259,246
NET ASSETS						
Beginning of Year	15,722,217	7,440,298	5,487,848	2,516,260	1,820,057	560,811
End of Year	\$19,256,958	\$15,722,217	\$6,658,991	\$5,487,848	\$2,208,536	\$1,820,057
	First Trust/Dow Jones Dividend & Income Allocation Class I		First Trust Multi Income Allocation Class I		Franklin Founding Funds Allocation VIP Class 2	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$111,658	(\$6,560)	\$8,104	\$11,857	\$3,231	\$4,154
Realized gain (loss) on investments	27,270	1,680,560	(5,821)	242	2,893	7,142
Change in net unrealized appreciation (depreciation) on investments	(2,961,560)	2,080,315	(64,326)	25,751	(21,002)	13,408
Net Increase (Decrease) in Net Assets Resulting from Operations	(2,822,632)	3,754,315	(62,043)	37,850	(14,878)	24,704
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	3,110,418	5,476,800	46,820	68,997	-	-
Transfers between variable and fixed accounts, net	7,892,094	5,556,674	199,144	153,870	11,047	5,527
Contract benefits and terminations	(3,689,859)	(3,687,615)	(203,398)	(20,537)	(121,855)	(36,222)
Contract charges and deductions	(268,848)	(266,202)	(226)	(46)	(775)	(800)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	2,636	(563)	-	(96)	5	1
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	7,046,441	7,079,094	42,340	202,188	(111,578)	(31,494)
NET INCREASE (DECREASE) IN NET ASSETS	4,223,809	10,833,409	(19,703)	240,038	(126,456)	(6,790)
NET ASSETS						
Beginning of Year	36,444,153	25,610,744	967,522	727,484	228,817	235,607
End of Year	\$40,667,962	\$36,444,153	\$947,819	\$967,522	\$102,361	\$228,817

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Franklin Founding Funds Allocation VIP Class 4		Franklin Income VIP Class 2		Franklin Mutual Global Discovery VIP Class 2	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$190,063	\$162,752	\$323,131	\$216,728	\$72,850	\$30,954
Realized gain (loss) on investments	306,627	557,817	(17,732)	(5,841)	(79,729)	240,772
Change in net unrealized appreciation (depreciation) on investments	(1,783,925)	619,180	(834,418)	383,627	(750,949)	126,254
Net Increase (Decrease) in Net Assets Resulting from Operations	(1,287,235)	1,339,749	(529,019)	594,514	(757,828)	397,980
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	262,032	402,051	1,268,840	1,752,041	243,281	1,180,869
Transfers between variable and fixed accounts, net	(329,397)	520,883	304,304	213,047	84,650	(213,884)
Contract benefits and terminations	(1,823,459)	(1,320,512)	(507,588)	(199,116)	(695,867)	(176,419)
Contract charges and deductions	(75,052)	(83,457)	(466)	(294)	(15,210)	(14,115)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	91	256	22	(174)	52	(93)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(1,965,785)	(480,779)	1,065,112	1,765,504	(383,094)	776,358
NET INCREASE (DECREASE) IN NET ASSETS	(3,253,020)	858,970	536,093	2,360,018	(1,140,922)	1,174,338
NET ASSETS						
Beginning of Year	13,823,833	12,964,863	8,682,982	6,322,964	6,423,626	5,249,288
End of Year	\$10,570,813	\$13,823,833	\$9,219,075	\$8,682,982	\$5,282,704	\$6,423,626
	Franklin Rising Dividends VIP Class 2		Templeton Global Bond VIP Class 2		Ivy VIP Asset Strategy Class II	
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Franklin Rising Dividends VIP Class 2		Templeton Global Bond VIP Class 2		Ivy VIP Asset Strategy Class II	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$5,246)	\$27,347	(\$101,101)	(\$97,422)	\$21,827	\$1,069
Realized gain (loss) on investments	740,570	344,028	(79,337)	(48,549)	50,588	(35,477)
Change in net unrealized appreciation (depreciation) on investments	(1,458,339)	1,623,894	231,312	182,124	(228,783)	110,000
Net Increase (Decrease) in Net Assets Resulting from Operations	(723,015)	1,995,269	50,874	36,153	(156,368)	75,592
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	999,116	1,208,770	673,750	546,262	35,162	6,000
Transfers between variable and fixed accounts, net	(333,940)	(545,247)	904,753	1,027,151	1,552,435	(90,873)
Contract benefits and terminations	(993,778)	(599,091)	(755,690)	(509,179)	(103,202)	(13,451)
Contract charges and deductions	(2,468)	(2,169)	(4,862)	(4,955)	(61)	(29)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(197)	(112)	(273)	(229)	668	5
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(331,267)	62,151	817,678	1,059,050	1,485,002	(98,348)
NET INCREASE (DECREASE) IN NET ASSETS	(1,054,282)	2,057,420	868,552	1,095,203	1,328,634	(22,756)
NET ASSETS						
Beginning of Year	11,848,239	9,790,819	7,787,246	6,692,043	479,573	502,329
End of Year	\$10,793,957	\$11,848,239	\$8,655,798	\$7,787,246	\$1,808,207	\$479,573

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Ivy VIP Energy Class II		Janus Henderson Balanced Service Shares		Janus Henderson Flexible Bond Service Shares	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$12,669)	(\$3,206)	\$885,576	\$201,009	\$25,509	\$23,959
Realized gain (loss) on investments	(4,862)	(76,615)	4,053,857	198,017	(18,873)	(4,507)
Change in net unrealized appreciation (depreciation) on investments	(372,866)	(19,573)	(7,426,162)	19,219,877	(57,068)	14,026
Net Increase (Decrease) in Net Assets Resulting from Operations	(390,397)	(99,394)	(2,486,729)	19,618,903	(50,432)	33,478
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	57,973	120,957	27,797,106	21,493,331	150,603	502,192
Transfers between variable and fixed accounts, net	201,031	228,927	18,808,635	11,428,097	(94,256)	88,000
Contract benefits and terminations	(45,705)	(37,496)	(11,827,582)	(7,885,808)	(76,991)	(232,660)
Contract charges and deductions	(71)	(35)	(1,125,718)	(910,363)	(168)	(138)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	5	863	(6,937)	(1,786)	7	(17)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	213,233	313,216	33,645,504	24,123,471	(20,805)	357,377
NET INCREASE (DECREASE) IN NET ASSETS	(177,164)	213,822	31,158,775	43,742,374	(71,237)	390,855
NET ASSETS						
Beginning of Year	937,828	724,006	151,440,849	107,698,475	1,900,840	1,509,985
End of Year	\$760,664	\$937,828	\$182,599,624	\$151,440,849	\$1,829,603	\$1,900,840
	JPMorgan Insurance Trust Global Allocation Class 2		JPMorgan Insurance Trust Income Builder Class 2		ClearBridge Variable Aggressive Growth - Class II	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$7,634)	\$1,325	(\$12,577)	\$20,660	(\$3,735)	(\$2,043)
Realized gain (loss) on investments	9,336	30,914	876	24,821	25,725	15,559
Change in net unrealized appreciation (depreciation) on investments	(42,462)	42,123	(52,424)	73,047	(78,894)	9,048
Net Increase (Decrease) in Net Assets Resulting from Operations	(40,760)	74,362	(64,125)	118,528	(56,904)	22,564
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	64,073	5,084	41,917	820	195,431	54,864
Transfers between variable and fixed accounts, net	(262,779)	369,907	(235,853)	(166,018)	42,238	91,840
Contract benefits and terminations	(8,684)	(2,529)	(13,138)	(41,143)	(1,031)	(2,560)
Contract charges and deductions	(9)	(10)	(56)	(90)	(7)	(8)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	14	(21)	68	(3)	(7)	-
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(207,385)	372,431	(207,062)	(206,434)	236,624	144,136
NET INCREASE (DECREASE) IN NET ASSETS	(248,145)	446,793	(271,187)	(87,906)	179,720	166,700
NET ASSETS						
Beginning of Year	826,493	379,700	1,056,138	1,144,044	270,438	103,738
End of Year	\$578,348	\$826,493	\$784,951	\$1,056,138	\$450,158	\$270,438

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Lord Abbett Bond Debenture Class VC		Lord Abbett International Equity Class VC		Lord Abbett Total Return Class VC	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$112,173	\$94,856	\$7,171	\$7,070	\$127,635	\$94,418
Realized gain (loss) on investments	53,848	27,905	(12,713)	4,898	(31,816)	(5,149)
Change in net unrealized appreciation (depreciation) on investments	(358,898)	69,708	(231,444)	179,612	(216,167)	20,989
Net Increase (Decrease) in Net Assets Resulting from Operations	(192,877)	192,469	(236,986)	191,580	(120,348)	110,258
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	541,893	520,312	287,369	32,629	369,203	380,322
Transfers between variable and fixed accounts, net	250,735	634,909	74,033	(4,116)	386,427	1,912,101
Contract benefits and terminations	(262,921)	(292,638)	(24,513)	(23,643)	(209,786)	(156,727)
Contract charges and deductions	(807)	(694)	(3,519)	(3,617)	(24,613)	(23,917)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	(19)	(28)	(5)	(7)	(13)	(92)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	528,881	861,861	333,365	1,246	521,218	2,111,687
NET INCREASE (DECREASE) IN NET ASSETS	336,004	1,054,330	96,379	192,826	400,870	2,221,945
NET ASSETS						
Beginning of Year	3,154,381	2,100,051	868,421	675,595	5,834,530	3,612,585
End of Year	\$3,490,385	\$3,154,381	\$964,800	\$868,421	\$6,235,400	\$5,834,530
	MFS Total Return Series - Service Class		MFS Utilities Series - Service Class		MFS Value Series - Service Class	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$210,635	\$325,927	(\$18,245)	\$115,244	\$4,981	\$9,179
Realized gain (loss) on investments	1,462,278	988,153	(5,289)	(201,650)	66,790	39,120
Change in net unrealized appreciation (depreciation) on investments	(3,980,521)	2,170,898	(11,866)	579,844	(178,984)	92,501
Net Increase (Decrease) in Net Assets Resulting from Operations	(2,307,608)	3,484,978	(35,400)	493,438	(107,213)	140,800
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	2,136,722	2,436,111	214,527	213,768	-	65,786
Transfers between variable and fixed accounts, net	(2,051,762)	858,024	361,765	(45,161)	24,140	47,594
Contract benefits and terminations	(3,119,853)	(1,478,943)	(427,029)	(735,675)	(69,385)	(20,568)
Contract charges and deductions	(250,786)	(279,632)	(488)	(403)	(8,709)	(8,318)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	3,419	620	8	(123)	3	(4)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(3,282,260)	1,536,180	148,783	(567,594)	(53,951)	84,490
NET INCREASE (DECREASE) IN NET ASSETS	(5,589,868)	5,021,158	113,383	(74,156)	(161,164)	225,290
NET ASSETS						
Beginning of Year	35,321,067	30,299,909	3,816,485	3,890,641	1,024,561	799,271
End of Year	\$29,731,199	\$35,321,067	\$3,929,868	\$3,816,485	\$863,397	\$1,024,561

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	MFS Massachusetts Investors Growth Stock - Service Class		Neuberger Berman U.S. Equity Index PutWrite Strategy Class S		Oppenheimer Global Fund/VA Service Shares	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$3,123)	(\$2,358)	(\$841)	(\$485)	(\$17,063)	(\$10,515)
Realized gain (loss) on investments	43,151	28,171	1,723	2	124,841	3,990
Change in net unrealized appreciation (depreciation) on investments	(35,840)	117,529	(11,264)	2,597	(429,175)	332,731
Net Increase (Decrease) in Net Assets Resulting from Operations	4,188	143,342	(10,382)	2,114	(321,397)	326,206
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	-	37,500	93,542	25,788	396,049	545,403
Transfers between variable and fixed accounts, net	(58,367)	(51,371)	873	2,382	(1,486,066)	2,562,836
Contract benefits and terminations	(26,299)	(13,792)	-	-	(276,293)	(427,638)
Contract charges and deductions	(4,939)	(4,929)	-	-	(73)	(34)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	3	(11)	-	(4)	1,574	(3,071)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(89,602)	(32,603)	94,415	28,166	(1,364,809)	2,677,496
NET INCREASE (DECREASE) IN NET ASSETS	(85,414)	110,739	84,033	30,280	(1,686,206)	3,003,702
NET ASSETS						
Beginning of Year	657,490	546,751	51,168	20,888	3,098,476	94,774
End of Year	\$572,076	\$657,490	\$135,201	\$51,168	\$1,412,270	\$3,098,476
	Oppenheimer International Growth Fund/VA Service Shares		PIMCO All Asset All Authority - Advisor Class		PIMCO CommodityRealReturn Strategy - Advisor Class	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	(\$2,788)	(\$472)	\$1,763	\$3,234	\$1,752	\$31,495
Realized gain (loss) on investments	8,668	90	(358)	609	(16,713)	(46,442)
Change in net unrealized appreciation (depreciation) on investments	(137,447)	28,681	(8,479)	4,626	(30,688)	14,477
Net Increase (Decrease) in Net Assets Resulting from Operations	(131,567)	28,299	(7,074)	8,469	(45,649)	(470)
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	304,827	163,716	-	-	48,871	13,912
Transfers between variable and fixed accounts, net	128,503	26,425	5,615	(10,566)	(24,160)	22,174
Contract benefits and terminations	(7,623)	(377)	(6,726)	-	(33,682)	(68,127)
Contract charges and deductions	(12)	(31)	(22)	(26)	(27)	(35)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	39	(13)	(1)	1	3	(2)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	425,734	189,720	(1,134)	(10,591)	(8,995)	(32,078)
NET INCREASE (DECREASE) IN NET ASSETS	294,167	218,019	(8,208)	(2,122)	(54,644)	(32,548)
NET ASSETS						
Beginning of Year	269,199	51,180	90,597	92,719	303,518	336,066
End of Year	\$563,366	\$269,199	\$82,389	\$90,597	\$248,874	\$303,518

SEPARATE ACCOUNT A
STATEMENTS OF CHANGES IN NET ASSETS (Continued)

	Variable Accounts					
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
	Schwab VIT Balanced		Schwab VIT Balanced with Growth		Schwab VIT Growth	
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$24,808	\$18,601	\$72,508	\$63,069	\$87,222	\$38,607
Realized gain (loss) on investments	(774)	48,790	50,069	60,425	(14,451)	19,660
Change in net unrealized appreciation (depreciation) on investments	(197,809)	225,151	(706,965)	861,139	(560,867)	723,601
Net Increase (Decrease) in Net Assets Resulting from Operations	(173,775)	292,542	(584,388)	984,633	(488,096)	781,868
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	172,777	-	265,901	345,989	3,099,800	250,270
Transfers between variable and fixed accounts, net	1,134	(152,358)	(95,024)	(3,661)	93,890	156,019
Contract benefits and terminations	(220,169)	(504,267)	(448,990)	(364,720)	(3,654,466)	(141,880)
Contract charges and deductions	(26,768)	(26,896)	(57,524)	(57,793)	(37,373)	(36,744)
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-	-	-
Other	6	5	8	(32)	9	(3)
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(73,020)	(683,516)	(335,629)	(80,217)	(498,140)	227,662
NET INCREASE (DECREASE) IN NET ASSETS	(246,795)	(390,974)	(920,017)	904,416	(986,236)	1,009,530
NET ASSETS						
Beginning of Year	3,232,698	3,623,672	8,384,234	7,479,818	5,618,767	4,609,237
End of Year	\$2,985,903	\$3,232,698	\$7,464,217	\$8,384,234	\$4,632,531	\$5,618,767
	State Street		VanEck VIP			
	Total Return V.I.S. Class 3		Global Hard Assets Class S			
INCREASE (DECREASE) IN NET ASSETS						
FROM OPERATIONS						
Net investment income (loss)	\$97,836	\$75,512	(\$13,996)	(\$17,205)		
Realized gain (loss) on investments	4,360,427	780,188	(4,201)	(96,554)		
Change in net unrealized appreciation (depreciation) on investments	(6,105,193)	2,235,806	(306,522)	61,760		
Net Increase (Decrease) in Net Assets Resulting from Operations	(1,646,930)	3,091,506	(324,719)	(51,999)		
INCREASE (DECREASE) IN NET ASSETS						
FROM CONTRACT OWNER TRANSACTIONS						
Payments received from contract owners	866,356	428,967	25,683	30,804		
Transfers between variable and fixed accounts, net	(64,121)	(421,951)	(83,296)	(79,163)		
Contract benefits and terminations	(3,810,876)	(3,596,673)	(50,726)	(50,189)		
Contract charges and deductions	(212,894)	(224,589)	(469)	(560)		
Adjustments to net assets allocated to contracts in payout (annuitization) period	-	-	-	-		
Other	219	485	45	(24)		
Net Increase (Decrease) in Net Assets Derived from Contract Owner Transactions	(3,221,316)	(3,813,761)	(108,763)	(99,132)		
NET INCREASE (DECREASE) IN NET ASSETS	(4,868,246)	(722,255)	(433,482)	(151,131)		
NET ASSETS						
Beginning of Year	23,731,917	24,454,172	1,245,028	1,396,159		
End of Year	\$18,863,671	\$23,731,917	\$811,546	\$1,245,028		

**SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS**

A summary of accumulation unit values ("AUV"), units outstanding, net assets, investment income ratios, expense ratios, and total returns for each year or period ended December 31 are presented in the table below.

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
Core Income									
2018	\$9.89	\$10.30	65,415	\$664,366	0.00%	0.30%	1.70%	(3.60%)	(2.43%)
2017	10.26	10.51	20,061	208,254	0.00%	0.50%	1.70%	3.24%	3.86%
2016	9.94	10.04	12,191	121,924	0.00%	1.10%	1.70%	3.78%	3.99%
08/06/2015 - 12/31/2015	9.63	9.64	3,205	30,890	0.00%	1.20%	1.40%	(1.90%)	(1.90%)
Diversified Bond									
2018	\$10.54	\$15.75	697,874	\$8,213,416	0.00%	0.30%	1.85%	(3.18%)	(1.65%)
2017	10.76	16.03	642,889	7,817,230	0.00%	0.30%	2.00%	4.93%	6.45%
2016	10.42	15.06	581,677	6,861,740	0.00%	0.40%	2.00%	3.12%	4.62%
2015	10.09	14.40	560,594	6,636,804	0.00%	0.40%	1.85%	(0.80%)	0.65%
2014	10.16	14.30	487,598	5,776,410	0.00%	0.40%	1.85%	5.72%	7.27%
Floating Rate Income									
2018	\$10.45	\$11.38	360,146	\$3,888,142	0.00%	0.30%	1.85%	(1.82%)	(0.43%)
2017	10.71	11.43	181,686	1,988,122	0.00%	0.40%	1.85%	1.92%	3.35%
2016	10.49	11.06	173,983	1,858,366	0.00%	0.40%	1.85%	6.40%	7.95%
2015	9.86	10.24	159,406	1,592,701	0.00%	0.40%	1.85%	(0.98%)	0.46%
2014	9.95	10.20	129,762	1,302,173	0.00%	0.40%	1.85%	(1.43%)	(0.69%)
Floating Rate Loan									
2018	\$9.84	\$12.35	741,079	\$7,997,031	0.00%	0.30%	1.95%	(1.80%)	(0.26%)
2017	10.01	12.55	678,017	7,374,914	0.00%	0.40%	2.00%	1.93%	3.51%
2016	9.81	12.29	674,400	7,135,197	0.00%	0.40%	2.00%	7.54%	9.21%
2015	9.11	11.40	563,420	5,496,155	0.00%	0.40%	1.95%	(2.93%)	(1.41%)
2014	9.38	11.72	557,937	5,584,340	0.00%	0.40%	1.95%	(1.11%)	0.44%
High Yield Bond									
2018	\$10.51	\$24.79	487,744	\$6,568,609	0.00%	0.30%	1.85%	(5.05%)	(3.66%)
2017	10.92	25.73	477,503	6,903,679	0.00%	0.40%	2.00%	5.78%	7.32%
2016	10.59	24.06	532,834	7,526,231	0.00%	0.40%	2.00%	13.26%	14.91%
2015	9.34	21.15	460,301	5,851,028	0.00%	0.40%	1.85%	(6.39%)	(5.02%)
2014	9.97	22.49	425,163	5,979,351	0.00%	0.40%	1.85%	(1.47%)	(0.03%)
Inflation Managed									
2018	\$8.66	\$22.39	586,240	\$7,045,475	0.00%	0.30%	1.95%	(3.96%)	(2.55%)
2017	9.02	23.21	603,856	7,633,227	0.00%	0.40%	1.95%	1.69%	3.27%
2016	8.85	22.70	527,534	6,855,469	0.00%	0.40%	1.95%	3.09%	4.70%
2015	8.57	21.90	553,381	7,553,048	0.00%	0.40%	1.95%	(4.93%)	(3.45%)
2014	9.01	22.91	591,298	8,492,095	0.00%	0.40%	1.95%	1.12%	2.70%
Inflation Strategy									
2018	\$8.37	\$10.09	89,684	\$806,126	0.00%	0.30%	1.85%	(3.35%)	(2.62%)
2017	8.64	9.98	67,309	622,078	0.00%	1.10%	1.85%	1.26%	2.02%
2016	8.52	9.79	96,751	880,710	0.00%	1.10%	1.85%	0.00%	0.75%
2015	8.51	9.71	76,059	701,270	0.00%	1.10%	1.85%	(4.98%)	(4.27%)
2014	8.94	10.15	80,750	775,327	0.00%	1.10%	1.85%	0.45%	1.21%
Managed Bond									
2018	\$9.81	\$25.29	1,187,503	\$15,140,718	0.00%	0.30%	1.95%	(2.43%)	(1.00%)
2017	10.04	25.80	1,153,959	15,152,953	0.00%	0.40%	1.95%	2.70%	4.30%
2016	9.76	24.98	1,098,276	14,328,908	0.00%	0.40%	1.95%	0.89%	2.46%
2015	9.65	24.63	1,037,994	13,832,302	0.00%	0.40%	1.95%	(1.38%)	0.16%
2014	9.76	24.84	894,940	12,507,729	0.00%	0.40%	1.95%	2.42%	4.02%
Short Duration Bond									
2018	\$9.52	\$12.44	1,004,803	\$10,024,575	0.00%	0.30%	1.95%	(0.83%)	0.73%
2017	9.56	12.35	969,694	9,675,384	0.00%	0.40%	2.00%	(0.69%)	0.85%
2016	9.61	12.25	1,019,774	10,266,815	0.00%	0.40%	2.00%	(0.27%)	1.28%
2015	9.62	12.09	893,536	8,980,912	0.00%	0.40%	1.95%	(1.62%)	(0.09%)
2014	9.78	12.10	780,795	7,932,090	0.00%	0.40%	1.95%	(1.28%)	0.27%
Emerging Markets Debt									
2018	\$9.80	\$11.32	142,320	\$1,458,698	0.00%	0.75%	1.95%	(7.29%)	(6.16%)
2017	10.37	12.06	166,374	1,838,065	0.00%	0.75%	1.95%	10.92%	12.25%
2016	9.34	10.75	158,919	1,594,376	0.00%	0.40%	1.95%	14.77%	16.15%
2015	8.19	9.37	88,290	769,447	0.00%	0.40%	1.95%	(6.27%)	(4.80%)
2014	8.67	9.85	102,407	956,945	0.00%	0.40%	1.95%	(5.68%)	(4.21%)

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year	At the End of Each Year				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
Comstock									
2018	\$10.35	\$20.61	187,704	\$3,048,702	0.00%	0.50%	1.85%	(13.99%)	(12.81%)
2017	11.87	23.74	198,102	3,722,395	0.00%	0.40%	1.85%	15.61%	16.89%
2016	13.61	21.77	222,914	3,679,755	0.00%	0.40%	1.85%	15.35%	17.03%
2015	11.78	18.60	213,733	3,060,372	0.00%	0.40%	1.85%	(7.77%)	(6.42%)
2014	12.75	19.88	199,742	3,083,710	0.00%	0.40%	1.85%	7.16%	8.72%
Developing Growth									
2018	\$13.67	\$22.19	279,675	\$4,343,377	0.00%	0.30%	1.85%	3.61%	5.13%
2017	13.35	21.11	190,095	2,859,235	0.00%	0.40%	1.85%	27.84%	29.70%
2016	10.44	16.27	212,591	2,523,344	0.00%	0.40%	1.85%	(4.24%)	(2.85%)
2015	10.90	16.96	231,229	2,869,194	0.00%	0.40%	1.85%	(10.03%)	(8.72%)
2014	12.10	18.83	205,491	2,838,749	0.00%	0.40%	1.85%	(1.47%)	(0.03%)
Dividend Growth									
2018	\$11.82	\$25.09	751,574	\$13,104,496	0.00%	0.30%	1.95%	(3.10%)	(1.68%)
2017	16.31	25.52	678,693	12,355,635	0.00%	0.40%	1.95%	16.78%	18.60%
2016	13.95	21.52	725,474	11,301,565	0.00%	0.40%	1.95%	9.32%	11.02%
2015	12.74	19.38	678,979	9,642,123	0.00%	0.40%	1.95%	0.12%	1.68%
2014	12.71	19.06	503,331	7,163,760	0.00%	0.40%	1.95%	9.94%	11.66%
Equity Index									
2018	\$11.72	\$42.36	4,671,197	\$79,353,834	0.00%	0.30%	1.95%	(6.58%)	(5.11%)
2017	12.36	45.10	3,863,099	70,503,346	0.00%	0.40%	2.00%	19.14%	21.00%
2016	14.21	37.65	2,938,550	45,049,283	0.00%	0.40%	2.00%	9.46%	11.17%
2015	12.95	34.20	2,389,359	32,998,891	0.00%	0.40%	1.95%	(0.81%)	0.74%
2014	13.03	34.30	1,636,678	23,543,922	0.00%	0.40%	1.95%	11.19%	12.93%
Focused Growth									
2018	\$13.73	\$37.06	381,528	\$8,333,146	0.00%	0.30%	1.95%	2.95%	3.99%
2017	16.65	35.89	341,155	7,146,274	0.00%	0.95%	1.95%	27.01%	28.28%
2016	13.09	28.17	196,845	3,341,754	0.00%	0.75%	1.95%	0.37%	1.38%
2015	13.02	27.98	190,795	3,333,850	0.00%	0.95%	1.95%	7.97%	8.89%
2014	12.04	25.84	118,188	1,991,038	0.00%	1.10%	1.95%	7.95%	8.82%
Growth									
2018	\$13.57	\$50.93	296,936	\$5,766,650	0.00%	0.30%	1.95%	0.52%	1.89%
2017	13.32	50.44	246,431	4,827,751	0.00%	0.50%	1.95%	29.11%	30.66%
2016	14.08	38.86	210,446	3,171,087	0.00%	0.75%	1.95%	0.24%	1.25%
2015	14.01	38.55	245,757	3,807,222	0.00%	0.95%	1.95%	5.39%	6.45%
2014	13.26	36.38	169,950	2,566,206	0.00%	0.95%	1.95%	6.77%	7.63%
Large-Cap Growth									
2018	\$13.71	\$23.20	448,893	\$8,427,029	0.00%	0.30%	1.85%	0.01%	1.48%
2017	15.20	23.14	395,733	7,380,870	0.00%	0.40%	1.85%	31.25%	33.16%
2016	11.53	17.59	284,068	3,969,403	0.00%	0.40%	1.85%	(1.33%)	0.11%
2015	11.63	17.78	305,199	4,391,393	0.00%	0.40%	1.85%	4.14%	5.67%
2014	11.12	17.03	197,526	2,686,931	0.00%	0.40%	1.85%	6.44%	8.00%
Large-Cap Value									
2018	\$10.37	\$23.93	337,585	\$5,035,426	0.00%	0.30%	1.85%	(11.02%)	(9.71%)
2017	11.50	26.77	316,304	5,459,856	0.00%	0.40%	1.85%	11.87%	13.49%
2016	13.52	23.82	317,359	5,006,245	0.00%	0.40%	1.85%	10.80%	12.42%
2015	12.19	21.41	344,106	4,834,627	0.00%	0.40%	1.85%	(4.76%)	(3.37%)
2014	12.82	22.38	281,070	4,301,704	0.00%	0.40%	1.85%	9.46%	11.06%
Main Street Core									
2018	\$10.93	\$32.91	289,422	\$4,953,819	0.00%	0.40%	1.85%	(9.44%)	(8.11%)
2017	16.78	36.17	200,058	3,905,960	0.00%	0.40%	1.85%	14.94%	16.62%
2016	14.57	31.33	183,407	3,164,073	0.00%	0.40%	1.85%	9.78%	11.38%
2015	13.26	28.41	188,783	2,957,052	0.00%	0.40%	1.85%	1.46%	2.94%
2014	13.09	27.88	130,404	2,035,055	0.00%	0.40%	1.85%	8.78%	10.37%
Mid-Cap Equity									
2018	\$11.36	\$38.98	259,053	\$4,593,737	0.00%	0.30%	1.95%	(11.38%)	(9.99%)
2017	12.64	43.78	402,480	7,946,483	0.00%	0.30%	1.95%	21.88%	23.78%
2016	13.77	35.73	311,336	5,263,180	0.00%	0.40%	1.95%	16.15%	17.95%
2015	11.78	30.59	322,367	4,687,047	0.00%	0.40%	1.95%	(0.40%)	1.16%
2014	11.76	30.55	224,286	3,255,608	0.00%	0.40%	1.95%	2.21%	3.81%

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year	At the End of Each Year				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
Mid-Cap Growth									
2018	\$12.74	\$22.72	481,494	\$8,020,409	0.00%	0.30%	1.85%	(1.68%)	(0.24%)
2017	12.79	23.08	328,318	5,815,785	0.00%	0.40%	1.85%	25.16%	26.98%
2016	11.62	18.42	324,492	4,660,876	0.00%	0.40%	1.85%	4.33%	5.85%
2015	11.17	17.64	336,671	4,633,991	0.00%	0.40%	1.85%	(7.46%)	(6.10%)
2014	12.01	19.04	293,108	4,411,479	0.00%	0.40%	1.85%	6.50%	8.06%
Mid-Cap Value									
2018	\$9.91	\$26.85	199,407	\$3,173,198	0.00%	0.30%	1.95%	(16.36%)	(15.14%)
2017	15.63	31.64	174,947	3,453,554	0.00%	0.40%	1.95%	13.24%	15.00%
2016	13.75	27.51	151,930	2,668,493	0.00%	0.40%	1.95%	13.07%	14.83%
2015	12.12	23.96	149,988	2,414,417	0.00%	0.40%	1.95%	(2.30%)	(0.77%)
2014	12.38	24.15	145,554	2,503,761	0.00%	0.40%	1.95%	4.44%	6.07%
Small-Cap Equity									
2018	\$9.68	\$24.32	163,209	\$2,417,091	0.00%	0.30%	1.85%	(14.52%)	(13.56%)
2017	15.43	28.32	172,775	3,158,942	0.00%	0.75%	2.00%	6.73%	7.91%
2016	14.50	26.41	157,472	2,790,681	0.00%	0.75%	2.00%	28.04%	29.45%
2015	11.31	20.54	68,695	943,665	0.00%	0.75%	1.85%	(9.57%)	(8.57%)
2014	12.48	22.61	108,166	1,567,465	0.00%	0.75%	1.85%	(0.15%)	0.95%
Small-Cap Index									
2018	\$10.32	\$29.43	563,132	\$8,832,089	0.00%	0.30%	1.85%	(13.18%)	(11.82%)
2017	11.73	33.40	482,136	8,846,277	0.00%	0.30%	1.85%	11.98%	13.61%
2016	14.21	29.40	280,176	4,889,245	0.00%	0.40%	1.85%	18.46%	20.18%
2015	11.99	24.46	265,374	3,901,626	0.00%	0.40%	1.85%	(6.67%)	(5.31%)
2014	12.84	25.84	215,480	3,563,387	0.00%	0.40%	1.85%	2.47%	3.97%
Small-Cap Value									
2018	\$9.24	\$42.72	229,777	\$3,727,294	0.00%	0.40%	1.85%	(17.83%)	(16.63%)
2017	15.87	51.24	241,040	4,811,760	0.00%	0.40%	1.85%	6.67%	8.22%
2016	14.92	47.35	247,391	4,843,472	0.00%	0.40%	1.85%	27.23%	29.08%
2015	11.71	36.68	181,602	2,894,467	0.00%	0.40%	1.85%	(6.09%)	(4.72%)
2014	12.45	38.50	161,931	3,091,019	0.00%	0.40%	1.85%	3.71%	5.22%
Value Advantage									
2018	\$10.51	\$14.75	98,472	\$1,401,855	0.00%	0.50%	1.85%	(10.74%)	(9.52%)
2017	11.61	16.34	80,226	1,269,254	0.00%	0.50%	1.85%	12.23%	13.47%
2016	13.83	14.40	71,265	999,552	0.00%	0.75%	1.85%	14.36%	15.10%
2015	12.10	12.31	40,726	498,270	0.00%	1.15%	1.85%	(6.39%)	(5.83%)
2014	12.94	13.08	37,454	487,559	0.00%	1.15%	1.80%	12.45%	12.78%
Emerging Markets									
2018	\$9.86	\$63.42	540,280	\$7,351,415	0.00%	0.30%	1.95%	(13.70%)	(12.26%)
2017	11.35	72.35	498,036	7,916,505	0.00%	0.30%	2.00%	31.93%	33.98%
2016	8.55	54.00	417,081	5,314,661	0.00%	0.40%	2.00%	4.41%	6.04%
2015	8.14	50.92	411,445	5,139,321	0.00%	0.40%	1.95%	(15.71%)	(14.39%)
2014	9.59	59.48	290,700	4,740,586	0.00%	0.40%	1.95%	(6.83%)	(5.37%)
International Large-Cap									
2018	\$10.82	\$22.92	496,763	\$6,331,408	0.00%	0.30%	1.95%	(13.52%)	(12.08%)
2017	12.49	26.09	466,025	6,931,724	0.00%	0.30%	1.95%	25.06%	27.00%
2016	9.97	20.54	481,550	5,805,129	0.00%	0.40%	1.95%	(2.00%)	(0.47%)
2015	10.16	20.64	506,410	6,241,401	0.00%	0.40%	1.95%	(2.36%)	(0.83%)
2014	10.39	20.82	381,592	4,881,027	0.00%	0.40%	1.95%	(6.86%)	(5.40%)
International Small-Cap									
2018	\$9.76	\$16.74	104,521	\$1,231,591	0.00%	0.30%	1.95%	(23.67%)	(22.47%)
2017	12.71	21.67	92,978	1,417,392	0.00%	0.40%	1.95%	29.38%	31.39%
2016	9.77	16.55	152,731	1,873,118	0.00%	0.40%	1.95%	1.43%	3.01%
2015	9.57	15.90	188,628	2,254,459	0.00%	0.40%	1.95%	4.37%	6.00%
2014	9.12	15.24	108,176	1,128,994	0.00%	0.40%	1.95%	(4.30%)	(2.81%)
International Value									
2018	\$6.41	\$12.68	369,318	\$3,489,365	0.00%	0.30%	1.95%	(16.53%)	(15.30%)
2017	7.64	15.12	324,316	3,647,299	0.00%	0.40%	1.95%	19.23%	21.09%
2016	6.37	12.61	343,451	3,265,942	0.00%	0.40%	1.95%	0.99%	2.57%
2015	6.27	12.42	332,798	3,079,004	0.00%	0.40%	1.95%	(4.52%)	(3.02%)
2014	6.53	12.94	231,301	2,221,630	0.00%	0.40%	1.95%	(12.27%)	(10.90%)

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units	Net		Lowest	Highest	Lowest	Highest
	Lowest	Highest	Outstanding	Assets					
Health Sciences									
2018	\$11.83	\$51.59	859,760	\$20,675,352	0.00%	0.30%	1.95%	5.91%	7.57%
2017	11.11	54.42	737,222	16,898,205	0.00%	0.30%	2.00%	21.58%	23.23%
2016	15.41	44.16	783,083	15,092,117	0.00%	0.60%	2.00%	(7.78%)	(6.53%)
2015	16.68	47.25	816,019	18,087,349	0.00%	0.60%	1.95%	7.47%	8.93%
2014	15.50	43.37	462,767	10,618,282	0.00%	0.60%	1.95%	22.13%	23.17%
Real Estate									
2018	\$9.38	\$48.75	398,991	\$5,670,003	0.00%	0.40%	1.85%	(9.16%)	(7.82%)
2017	10.27	53.42	421,003	6,532,523	0.00%	0.40%	1.85%	1.35%	2.82%
2016	12.03	52.48	531,700	8,013,604	0.00%	0.40%	2.00%	4.64%	6.17%
2015	11.49	49.92	459,686	6,635,007	0.00%	0.40%	1.85%	(0.34%)	1.12%
2014	11.53	49.87	421,467	6,591,804	0.00%	0.40%	1.85%	28.20%	30.07%
Technology									
2018	\$9.37	\$17.87	560,414	\$8,791,315	0.00%	0.30%	1.85%	(0.09%)	1.18%
2017	9.34	17.84	379,347	5,907,740	0.00%	0.60%	2.00%	36.25%	37.96%
2016	6.82	13.06	302,293	3,426,037	0.00%	0.60%	2.00%	(8.32%)	(7.17%)
2015	7.41	14.21	206,048	2,550,653	0.00%	0.60%	1.85%	(4.82%)	(3.62%)
2014	7.75	14.90	175,771	2,264,190	0.00%	0.60%	1.85%	7.84%	8.65%
Currency Strategies									
2018	\$10.19	\$10.73	58,464	\$611,968	0.00%	1.15%	1.80%	4.07%	4.65%
2017	9.84	10.25	18,550	186,254	0.00%	1.15%	1.70%	(5.21%)	(4.69%)
2016	10.39	10.76	15,573	164,285	0.00%	1.15%	1.80%	3.12%	3.69%
2015	10.07	10.37	18,103	184,640	0.00%	1.15%	1.80%	(0.28%)	0.27%
2014	10.10	10.35	25,851	263,373	0.00%	1.15%	1.80%	1.68%	2.35%
Diversified Alternatives									
2018	\$10.07	\$10.21	4,545	\$46,347	0.00%	1.20%	1.65%	(8.09%)	(7.72%)
2017	10.97	11.06	2,208	24,428	0.00%	1.20%	1.60%	6.01%	6.01%
06/27/2016-12/31/2016	10.35	10.35	70	728	0.00%	1.60%	1.60%	2.76%	2.76%
Equity Long/Short									
2018	\$11.71	\$12.35	146,945	\$1,765,120	0.00%	0.30%	1.85%	(18.72%)	(17.53%)
2017	11.92	14.97	137,867	2,003,722	0.00%	0.30%	1.85%	15.04%	15.90%
2016	12.52	12.68	123,419	1,558,347	0.00%	1.10%	1.85%	9.25%	10.07%
07/15/2015 - 12/31/2015	11.46	11.52	222,410	2,555,415	0.00%	1.10%	1.85%	10.16%	10.16%
Global Absolute Return									
2018	\$9.61	\$10.58	93,340	\$930,167	0.00%	0.40%	1.95%	(10.81%)	(9.63%)
2017	10.78	11.71	75,013	834,267	0.00%	0.40%	1.70%	4.57%	5.93%
2016	10.30	11.05	66,914	703,284	0.00%	0.40%	1.70%	2.89%	4.23%
2015	10.02	10.60	69,668	709,170	0.00%	0.40%	1.70%	0.95%	2.28%
2014	9.92	10.37	68,304	685,405	0.00%	0.40%	1.70%	4.24%	5.61%
Pacific Dynamix - Conservative Growth									
2018	\$10.05	\$16.37	3,207,983	\$40,569,227	0.00%	0.30%	2.00%	(5.62%)	(4.13%)
2017	11.10	17.22	3,164,286	42,949,805	0.00%	0.30%	1.85%	7.93%	9.12%
2016	10.94	15.84	3,133,268	39,895,672	0.00%	0.75%	1.85%	4.88%	6.04%
2015	10.41	15.00	2,919,205	35,959,797	0.00%	0.75%	1.85%	(2.91%)	(1.84%)
2014	10.71	15.34	2,475,339	32,162,891	0.00%	0.75%	1.85%	3.57%	4.71%
Pacific Dynamix - Moderate Growth									
2018	\$10.12	\$19.69	9,552,450	\$130,370,211	0.00%	0.30%	1.85%	(7.27%)	(5.81%)
2017	10.86	20.96	9,178,038	137,693,884	0.00%	0.30%	1.85%	11.71%	13.11%
2016	11.42	18.82	8,488,214	115,689,734	0.00%	0.40%	1.85%	6.47%	8.02%
2015	10.71	17.42	7,630,663	99,802,478	0.00%	0.40%	1.85%	(3.65%)	(2.58%)
2014	11.10	17.08	5,853,380	82,473,135	0.00%	0.75%	1.85%	3.60%	4.75%
Pacific Dynamix - Growth									
2018	\$11.06	\$22.71	1,768,089	\$26,509,842	0.00%	0.30%	2.00%	(9.13%)	(7.56%)
2017	11.96	24.59	1,609,615	28,410,547	0.00%	0.30%	2.00%	15.20%	17.05%
2016	11.91	21.01	1,483,287	23,366,573	0.00%	0.40%	2.00%	8.00%	9.73%
2015	11.01	19.15	1,361,612	20,221,581	0.00%	0.40%	2.00%	(4.38%)	(2.84%)
2014	11.49	19.71	1,009,242	16,255,422	0.00%	0.40%	2.00%	3.34%	5.01%
Portfolio Optimization Conservative									
2018	\$10.31	\$12.42	6,628,580	\$74,015,064	0.00%	0.40%	2.00%	(5.30%)	(3.77%)
2017	10.81	12.91	7,401,626	86,914,663	0.00%	0.40%	2.00%	5.25%	6.95%
2016	10.25	12.07	8,451,665	93,943,456	0.00%	0.40%	2.00%	3.74%	5.41%
2015	9.86	11.45	7,941,851	85,084,146	0.00%	0.40%	2.00%	(2.01%)	(0.43%)
2014	10.04	11.50	9,088,924	99,346,375	0.00%	0.40%	2.00%	1.34%	2.98%

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units	Net		Lowest	Highest	Lowest	Highest
	Lowest	Highest	Outstanding	Assets					
Portfolio Optimization Moderate-Conservative									
2018	\$9.95	\$13.22	12,119,762	\$144,853,069	0.00%	0.40%	2.00%	(6.88%)	(5.37%)
2017	11.78	14.02	13,890,856	177,653,644	0.00%	0.40%	2.00%	8.60%	10.35%
2016	10.82	12.75	15,421,606	180,861,828	0.00%	0.40%	2.00%	4.68%	6.36%
2015	10.28	12.03	16,700,407	186,390,717	0.00%	0.40%	2.00%	(2.38%)	(0.81%)
2014	10.51	12.22	17,327,273	197,626,965	0.00%	0.40%	2.00%	1.97%	3.62%
Portfolio Optimization Moderate									
2018	\$9.87	\$14.23	39,586,114	\$495,993,252	0.00%	0.30%	2.00%	(8.41%)	(6.83%)
2017	10.75	15.35	44,326,592	604,636,882	0.00%	0.30%	2.00%	10.98%	12.77%
2016	11.29	13.66	48,250,599	591,262,836	0.00%	0.40%	2.00%	5.95%	7.65%
2015	10.64	12.79	52,508,499	605,136,215	0.00%	0.40%	2.00%	(2.33%)	(0.76%)
2014	10.87	13.05	57,328,941	674,837,992	0.00%	0.40%	2.00%	2.55%	4.20%
Portfolio Optimization Growth									
2018	\$9.98	\$15.10	27,777,699	\$363,800,807	0.00%	0.30%	2.00%	(10.02%)	(8.47%)
2017	11.02	16.71	31,235,884	453,337,016	0.00%	0.30%	2.00%	14.09%	15.92%
2016	11.83	14.59	35,536,541	450,974,394	0.00%	0.40%	2.00%	6.66%	8.38%
2015	11.05	13.63	38,578,679	457,758,467	0.00%	0.40%	2.00%	(2.30%)	(0.73%)
2014	11.28	13.89	41,776,027	505,845,757	0.00%	0.40%	2.00%	3.00%	4.67%
Portfolio Optimization Aggressive-Growth									
2018	\$12.56	\$15.95	6,674,915	\$88,788,383	0.00%	0.40%	2.00%	(11.20%)	(9.76%)
2017	14.17	17.83	7,428,849	110,883,550	0.00%	0.40%	2.00%	16.25%	18.12%
2016	12.14	15.27	8,450,562	108,124,444	0.00%	0.40%	2.00%	7.17%	8.89%
2015	11.28	14.20	9,742,780	115,945,064	0.00%	0.40%	2.00%	(2.87%)	(1.31%)
2014	11.59	14.56	10,957,996	133,797,039	0.00%	0.40%	2.00%	3.20%	4.87%
PSF DFA Balanced Allocation									
2018	\$10.03	\$10.85	662,128	\$7,087,884	0.00%	0.30%	1.85%	(7.92%)	(6.47%)
2017	11.44	11.69	441,383	5,124,462	0.00%	0.30%	1.85%	10.91%	12.64%
07/07/2016 - 12/31/2016	10.15	10.46	43,644	454,213	0.00%	0.30%	1.85%	4.44%	4.44%
Invesco V.I. Balanced-Risk Allocation Series II									
2018	\$9.77	\$18.86	1,546,672	\$19,051,246	1.30%	0.60%	2.00%	(8.57%)	(7.27%)
2017	11.29	20.34	1,549,089	21,280,209	3.85%	0.40%	2.00%	7.66%	9.18%
2016	10.47	18.92	1,490,058	19,388,171	0.19%	0.40%	2.00%	9.31%	11.07%
2015	9.56	17.04	1,432,890	17,302,458	3.91%	0.40%	2.00%	(6.29%)	(4.78%)
2014	10.18	17.89	1,224,092	16,528,516	0.00%	0.40%	2.00%	3.62%	5.29%
Invesco V.I. Equity and Income Series II									
2018	\$10.96	\$11.27	101,613	\$1,125,702	1.83%	0.75%	1.80%	(11.26%)	(10.41%)
2017	12.25	12.63	197,701	2,463,734	2.11%	0.75%	1.80%	8.81%	9.95%
2016	11.17	11.53	79,244	901,716	1.83%	0.75%	1.80%	12.91%	13.98%
2015	9.82	10.15	45,239	453,779	2.80%	0.75%	1.80%	(4.32%)	(3.75%)
06/18/2014 - 12/31/2014	10.50	10.54	17,059	179,532	3.62%	1.20%	1.80%	1.84%	1.84%
Invesco V.I. Global Real Estate Series II									
2018	\$9.54	\$10.01	152,127	\$1,493,586	3.72%	0.40%	1.85%	(7.92%)	(6.71%)
2017	10.34	10.73	167,746	1,770,011	4.33%	0.40%	1.80%	10.83%	12.28%
2016	9.35	9.56	52,674	498,551	1.37%	0.40%	1.70%	0.11%	1.41%
06/01/2015 - 12/31/2015	9.34	9.42	16,152	151,199	6.25%	0.40%	1.70%	(4.70%)	(4.70%)
American Century VP Mid Cap Value Class II									
2018	\$9.73	\$16.93	255,772	\$3,862,470	1.25%	0.40%	1.85%	(14.57%)	(13.31%)
2017	16.74	19.52	301,086	5,291,149	1.36%	0.40%	2.00%	9.43%	11.02%
2016	15.35	17.59	373,447	6,009,615	1.60%	0.40%	2.00%	20.47%	22.23%
2015	12.72	14.39	255,990	3,373,151	1.53%	0.40%	1.85%	(3.38%)	(1.97%)
2014	13.14	14.68	181,646	2,520,798	0.93%	0.40%	1.85%	14.17%	15.77%
American Funds IS Asset Allocation Class 4									
2018	\$10.15	\$12.25	17,415,254	\$197,418,663	1.44%	0.30%	2.00%	(6.73%)	(5.12%)
2017	10.85	12.97	17,806,184	215,128,897	1.38%	0.30%	2.00%	13.62%	15.56%
2016	10.11	11.28	16,916,478	178,894,703	1.45%	0.30%	2.00%	7.01%	8.73%
2015	9.81	10.41	15,387,942	151,177,761	8.99%	0.40%	2.00%	0.39%	0.39%
06/20/2014 - 12/31/2014	10.37	10.37	2,615	27,105	4.74%	0.75%	0.75%	0.51%	0.51%
American Funds IS Blue Chip Income and Growth Class 4									
2018	\$10.75	\$12.03	390,306	\$4,614,962	2.01%	0.30%	1.85%	(10.60%)	(9.19%)
2017	11.89	13.31	288,982	3,803,353	1.71%	0.30%	2.00%	14.57%	15.83%
2016	11.33	11.49	239,306	2,730,442	2.98%	0.75%	2.00%	16.85%	16.85%
12/28/2015 - 12/31/2015	9.76	9.76	959	9,358	0.00%	1.40%	1.40%	(0.65%)	(0.65%)

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units	Net		Lowest	Highest	Lowest	Highest
	Lowest	Highest	Outstanding	Assets					
American Funds IS Bond Class 4									
2018	\$9.84	\$10.22	242,152	\$2,433,875	2.60%	0.30%	1.85%	(2.71%)	(1.18%)
2017	10.12	10.36	161,501	1,658,809	2.63%	0.30%	1.85%	1.40%	2.52%
02/03/2016 - 12/31/2016	9.98	10.11	77,938	783,110	2.38%	0.75%	1.85%	(0.22%)	(0.22%)
American Funds IS Capital Income Builder Class 4									
2018	\$9.75	\$10.26	327,111	\$3,284,034	2.72%	0.75%	1.85%	(8.96%)	(7.95%)
2017	10.71	11.15	276,765	3,029,553	2.58%	0.75%	1.85%	10.59%	11.81%
2016	9.68	9.97	226,220	2,226,355	3.14%	0.75%	1.85%	1.89%	3.01%
2015	9.50	9.68	170,738	1,637,397	2.59%	0.75%	1.85%	(3.50%)	(2.53%)
06/20/2014 - 12/31/2014	9.86	9.93	34,489	341,009	2.97%	0.75%	1.75%	(2.91%)	(2.91%)
American Funds IS Global Balanced Class 4									
2018	\$10.83	\$11.21	206,302	\$2,280,361	1.33%	0.30%	1.85%	(7.90%)	(6.59%)
2017	11.79	12.04	88,034	1,051,289	1.73%	0.30%	1.70%	17.37%	18.49%
2016	10.05	10.16	23,852	241,375	2.38%	0.75%	1.70%	2.97%	2.97%
12/30/2015-12/31/2015	9.82	9.82	1,546	15,174	0.00%	1.20%	1.20%	(0.65%)	(0.65%)
American Funds IS Global Bond Class 4									
2018	\$9.95	\$10.45	62,484	\$633,509	1.21%	0.30%	1.85%	(3.28%)	(2.35%)
2017	10.31	10.55	75,149	782,581	0.43%	0.75%	1.80%	4.73%	5.84%
03/07/2016 - 12/31/2016	9.85	9.97	59,307	586,419	0.84%	0.75%	1.80%	(5.36%)	(5.36%)
American Funds IS Global Growth and Income Class 4									
2018	\$11.22	\$11.62	159,993	\$1,821,983	1.65%	0.30%	1.85%	(11.51%)	(10.57%)
2017	12.70	12.99	123,978	1,588,580	2.32%	0.75%	1.80%	23.59%	24.64%
2016	10.28	10.38	141,828	1,462,576	2.94%	0.95%	1.80%	5.13%	6.03%
11/10/2015 - 12/31/2015	9.77	9.79	13,842	135,364	See Note (5)	0.95%	1.80%	(1.67%)	(1.67%)
American Funds IS Global Growth Class 4									
2018	\$11.92	\$13.03	207,463	\$2,665,032	0.50%	0.30%	1.85%	(10.91%)	(9.92%)
2017	14.07	14.52	223,084	3,200,914	0.70%	0.75%	1.85%	28.72%	30.14%
2016	10.85	11.20	144,630	1,600,837	0.54%	0.75%	2.00%	(1.47%)	(0.38%)
2015	10.91	11.28	177,467	1,985,569	2.05%	0.75%	1.85%	4.79%	5.42%
2014	10.60	10.68	19,016	202,320	2.00%	1.20%	1.80%	0.80%	0.80%
American Funds IS Global Small Capitalization Class 4									
2018	\$10.63	\$11.19	91,069	\$984,226	0.02%	0.30%	1.85%	(12.45%)	(11.48%)
2017	12.15	12.44	66,264	813,505	0.43%	0.75%	1.85%	23.76%	24.69%
2016	9.89	9.98	31,844	315,410	0.33%	0.75%	1.50%	0.74%	0.74%
12/09/2015 - 12/31/2015	9.86	9.86	202	1,995	0.00%	1.10%	1.10%	(0.27%)	(0.27%)
American Funds IS Growth Class 4									
2018	\$12.77	\$15.55	975,971	\$12,908,911	0.26%	0.30%	1.85%	(2.34%)	(0.90%)
2017	13.35	15.75	951,964	12,837,352	0.48%	0.40%	1.85%	25.65%	27.47%
2016	10.62	12.39	825,865	8,821,890	0.57%	0.40%	1.85%	7.22%	8.78%
2015	9.91	11.43	864,241	8,573,852	4.15%	0.40%	1.85%	5.58%	5.58%
07/25/2014 - 12/31/2014	10.79	10.79	1,115	12,037	1.73%	0.95%	0.95%	2.87%	2.87%
American Funds IS Growth-Income Class 4									
2018	\$12.02	\$14.12	1,006,401	\$12,582,866	1.20%	0.30%	1.85%	(3.86%)	(2.45%)
2017	12.82	14.52	1,068,686	13,840,762	1.48%	0.40%	1.85%	19.85%	21.59%
2016	10.69	11.98	835,829	8,987,251	1.38%	0.40%	1.85%	9.22%	10.81%
09/09/2015 - 12/31/2015	9.79	10.85	734,774	7,200,534	7.54%	0.40%	1.85%	3.68%	3.68%
American Funds IS High-Income Bond Class 4									
2018	\$10.54	\$11.28	105,122	\$1,167,043	5.47%	0.30%	1.70%	(4.24%)	(2.93%)
2017	10.86	11.68	98,855	1,141,009	7.13%	0.30%	1.85%	4.94%	5.63%
2016	10.89	11.01	55,618	608,559	11.94%	0.95%	1.85%	15.67%	15.90%
12/24/2015 - 12/31/2015	9.47	9.47	2,561	24,249	0.00%	1.20%	1.40%	0.29%	0.29%
American Funds IS International Class 4									
2018	\$9.93	\$11.38	334,075	\$3,432,023	1.68%	0.30%	1.85%	(15.01%)	(13.76%)
2017	11.69	12.32	242,161	2,895,535	2.01%	0.40%	1.85%	29.68%	31.37%
2016	9.06	9.38	120,107	1,100,946	1.31%	0.40%	1.70%	1.53%	2.81%
2015	8.94	9.13	114,742	1,031,827	2.01%	0.40%	1.70%	(6.26%)	(5.84%)
06/17/2014 - 12/31/2014	9.54	9.57	24,924	238,190	3.17%	1.15%	1.70%	(6.70%)	(6.70%)
American Funds IS International Growth and Income Class 4									
2018	\$9.42	\$11.23	208,927	\$2,044,405	1.75%	0.30%	1.85%	(13.05%)	(12.30%)
2017	10.74	11.28	214,822	2,398,157	2.90%	0.40%	1.80%	22.50%	23.54%
2016	8.70	9.35	86,933	788,486	2.57%	0.40%	1.80%	(0.62%)	0.78%
2015	8.68	9.28	72,547	658,415	2.58%	0.40%	1.80%	(7.50%)	(6.90%)
02/18/2014 - 12/31/2014	9.73	9.80	18,424	180,304	7.69%	1.15%	1.80%	(5.05%)	(5.05%)

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units	Net		Lowest	Highest	Lowest	Highest
	Lowest	Highest	Outstanding	Assets					
American Funds IS Managed Risk Asset Allocation Class P2									
2018	\$10.16	\$11.62	1,106,197	\$12,692,365	1.35%	1.10%	1.85%	(6.65%)	(5.94%)
2017	11.97	12.35	930,355	11,376,512	0.78%	1.10%	1.85%	12.71%	13.55%
2016	10.62	10.88	629,739	6,803,444	1.34%	1.10%	1.85%	5.31%	6.10%
2015	10.09	10.25	483,241	4,930,359	1.57%	1.10%	1.85%	(2.88%)	(2.15%)
2014	10.39	10.48	311,133	3,251,869	0.10%	1.10%	1.85%	1.48%	1.78%
American Funds IS New World Fund Class 4									
2018	\$9.55	\$11.14	209,260	\$2,062,018	0.72%	0.30%	1.85%	(15.70%)	(14.51%)
2017	11.42	13.03	186,093	2,162,319	0.89%	0.30%	1.80%	26.95%	28.55%
2016	8.97	9.38	142,019	1,292,966	0.67%	0.40%	1.80%	3.33%	4.62%
2015	8.72	8.96	136,902	1,201,489	0.55%	0.40%	1.85%	(4.91%)	(3.76%)
2014	9.17	9.31	53,211	490,191	1.60%	0.40%	1.70%	(9.50%)	(9.50%)
American Funds IS U.S. Government/AAA-Rated Securities Class 4									
2018	\$9.82	\$10.25	150,056	\$1,500,443	1.85%	0.50%	1.80%	(1.30%)	0.00%
2017	9.95	10.27	139,941	1,409,467	1.31%	0.50%	1.80%	(0.52%)	0.52%
2016	10.00	10.22	111,378	1,128,363	0.86%	0.75%	2.00%	(0.80%)	(0.16%)
2015	10.07	10.22	170,756	1,739,883	3.01%	1.15%	1.85%	(0.57%)	0.13%
2014	10.13	10.21	20,871	212,576	2.81%	1.15%	1.85%	2.84%	3.20%
BlackRock Capital Appreciation V.I. Class III									
2018	\$19.07	\$25.16	18,238	\$405,551	0.00%	0.75%	1.30%	0.80%	1.36%
2017	18.91	24.82	21,240	466,088	0.00%	0.75%	1.30%	31.23%	31.96%
2016	14.41	18.81	25,852	430,216	0.00%	0.75%	1.30%	(1.42%)	(0.88%)
2015	14.62	18.97	24,858	419,944	0.00%	0.75%	1.30%	5.23%	5.81%
2014	13.89	17.93	23,078	369,803	0.00%	0.75%	1.30%	7.15%	7.74%
BlackRock Global Allocation V.I. Class III									
2018	\$9.75	\$13.54	10,292,964	\$119,103,716	0.82%	0.30%	2.00%	(9.42%)	(7.86%)
2017	10.73	14.76	11,509,569	146,398,560	1.26%	0.30%	2.00%	11.46%	13.26%
2016	10.59	13.08	12,668,996	143,719,505	1.21%	0.40%	2.00%	1.76%	3.39%
2015	10.39	12.56	13,710,464	152,418,269	1.06%	0.40%	2.00%	(2.96%)	(1.40%)
2014	10.68	12.91	12,698,323	145,685,709	2.49%	0.40%	2.00%	(0.09%)	1.53%
BlackRock iShares Dynamic Allocation V.I. Class I									
2018	\$10.49	\$10.76	250,308	\$2,672,552	1.01%	1.10%	1.65%	(6.51%)	(5.99%)
2017	11.22	11.45	232,510	2,645,191	2.48%	1.10%	1.65%	13.23%	13.86%
2016	9.91	10.06	164,272	1,642,979	2.34%	1.10%	1.65%	4.75%	5.33%
2015	9.46	9.55	132,947	1,264,569	2.06%	1.10%	1.80%	(5.31%)	(4.93%)
06/19/2014 - 12/31/2014	10.02	10.04	51,136	512,530	2.78%	1.10%	1.50%	(1.74%)	(1.74%)
Fidelity VIP Contrafund Service Class 2									
2018	\$11.47	\$16.37	1,193,991	\$18,380,807	0.45%	0.30%	1.85%	(8.36%)	(6.92%)
2017	12.35	17.73	1,011,080	16,911,587	0.80%	0.30%	1.85%	19.37%	20.68%
2016	13.64	14.75	963,520	13,472,883	0.77%	0.75%	1.85%	5.76%	6.93%
2015	12.89	13.84	723,581	9,555,177	0.92%	0.75%	1.85%	(1.43%)	(0.53%)
2014	13.07	13.93	565,998	7,583,386	1.31%	0.75%	1.85%	9.61%	10.43%
Fidelity VIP FundsManager 60% Service Class 2									
2018	\$10.16	\$14.33	2,233,979	\$28,289,916	1.08%	0.30%	1.85%	(8.24%)	(6.79%)
2017	11.81	15.39	2,176,116	29,987,745	1.04%	0.30%	1.85%	14.63%	16.30%
2016	11.52	13.23	1,913,261	23,001,510	1.16%	0.40%	1.85%	2.74%	4.23%
2015	11.20	12.70	1,856,573	21,637,629	1.09%	0.40%	1.85%	(1.57%)	(0.13%)
2014	11.36	12.71	1,366,858	16,168,412	1.48%	0.40%	1.85%	3.33%	4.84%
Fidelity VIP Government Money Market Service Class									
2018	\$9.34	\$10.15	2,019,537	\$19,256,958	1.54%	0.30%	1.95%	(0.42%)	1.25%
2017	9.38	10.03	1,647,204	15,722,217	0.62%	0.30%	1.95%	(1.36%)	0.17%
2016	9.50	9.91	771,414	7,440,298	0.11%	0.40%	1.95%	(1.82%)	(0.29%)
2015	9.68	9.94	667,766	6,528,285	0.01%	0.40%	1.95%	(1.92%)	(0.39%)
04/30/2014 - 12/31/2014	9.87	9.97	428,058	4,239,934	0.01%	0.40%	1.95%	(1.29%)	(0.26%)
Fidelity VIP Strategic Income Service Class 2									
2018	\$10.39	\$11.20	623,030	\$6,658,991	4.01%	0.30%	1.85%	(4.61%)	(3.21%)
2017	10.89	11.57	492,779	5,487,848	4.79%	0.40%	1.85%	5.63%	7.12%
2016	10.33	10.80	239,754	2,516,260	3.88%	0.40%	1.85%	6.10%	7.59%
2015	9.73	10.04	203,094	1,999,605	3.25%	0.40%	1.85%	(3.73%)	(2.33%)
2014	10.10	10.28	157,966	1,604,245	5.49%	0.40%	1.85%	1.48%	2.14%

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
First Trust Dorsey Wright Tactical Core Class I									
2018	\$10.24	\$10.46	212,446	\$2,208,536	0.32%	1.10%	1.80%	(9.74%)	(9.10%)
2017	11.34	11.51	158,908	1,820,057	0.79%	1.10%	1.80%	15.57%	16.21%
2016	9.84	9.91	56,694	560,811	0.89%	1.10%	1.65%	(0.55%)	(0.35%)
11/05/2015 - 12/31/2015	9.93	9.93	61,410	609,751	0.00%	1.20%	1.20%	(2.05%)	(2.05%)
First Trust/Dow Jones Dividend & Income Allocation Class I									
2018	\$10.27	\$15.01	3,032,496	\$40,667,962	1.64%	0.30%	2.00%	(6.81%)	(5.20%)
2017	11.45	15.89	2,532,740	36,444,153	1.33%	0.30%	2.00%	11.23%	12.80%
2016	12.22	14.08	1,982,935	25,610,744	1.22%	0.60%	2.00%	9.69%	11.07%
2015	11.12	12.68	885,025	10,356,685	2.28%	0.60%	1.85%	(1.75%)	(0.51%)
2014	11.30	12.74	655,935	7,810,544	0.91%	0.60%	1.85%	8.02%	9.38%
First Trust Multi Income Allocation Class I									
2018	\$10.30	\$10.60	90,409	\$947,819	2.20%	0.30%	1.70%	(6.06%)	(5.58%)
2017	11.02	11.22	86,833	967,522	2.78%	1.20%	1.70%	4.27%	4.79%
2016	10.57	10.71	68,305	727,484	2.33%	1.20%	1.70%	7.46%	7.99%
2015	9.84	9.92	61,019	602,877	2.62%	1.20%	1.70%	(4.67%)	(4.38%)
07/08/2014 - 12/31/2014	10.35	10.37	20,202	209,214	3.64%	1.20%	1.50%	1.04%	1.04%
Franklin Founding Funds Allocation VIP Class 2									
2018	\$13.85	\$14.87	7,050	\$102,361	2.75%	0.75%	1.30%	(10.82%)	(10.33%)
2017	15.53	17.58	13,976	228,817	2.72%	0.75%	1.30%	10.54%	11.14%
2016	14.05	15.82	15,934	235,607	3.88%	0.75%	1.30%	11.72%	12.34%
2015	12.58	14.08	15,205	200,840	2.77%	0.75%	1.30%	(7.42%)	(6.91%)
2014	13.59	15.12	11,430	162,971	3.07%	0.75%	1.30%	1.52%	2.08%
Franklin Founding Funds Allocation VIP Class 4									
2018	\$11.31	\$14.73	859,343	\$10,570,813	2.88%	0.40%	1.95%	(11.25%)	(9.94%)
2017	12.72	16.96	1,000,260	13,823,833	2.55%	0.40%	1.95%	9.63%	11.33%
2016	11.54	15.47	1,032,868	12,964,863	3.66%	0.40%	2.00%	10.75%	12.47%
2015	10.40	13.97	1,127,402	12,739,594	2.74%	0.40%	2.00%	(8.10%)	(6.61%)
2014	11.29	15.19	1,235,531	15,213,374	2.66%	0.40%	2.00%	0.72%	2.34%
Franklin Income VIP Class 2									
2018	\$10.11	\$10.39	891,650	\$9,219,075	4.79%	1.10%	1.85%	(5.93%)	(5.36%)
2017	10.80	10.98	793,586	8,682,982	4.10%	1.10%	1.85%	7.83%	8.48%
2016	10.00	10.12	626,112	6,322,964	3.20%	1.10%	1.85%	11.94%	12.78%
05/11/2015 - 12/31/2015	8.93	8.97	105,412	944,671	3.61%	1.10%	1.85%	(10.19%)	(10.19%)
Franklin Mutual Global Discovery VIP Class 2									
2018	\$11.53	\$16.49	420,931	\$5,282,704	2.40%	0.40%	1.85%	(12.85%)	(11.57%)
2017	13.21	18.71	450,861	6,423,626	1.75%	0.40%	1.85%	6.61%	8.17%
2016	12.33	17.36	393,659	5,249,288	1.70%	0.40%	1.85%	10.13%	11.73%
2015	11.19	15.59	395,268	4,790,355	2.84%	0.40%	1.85%	(5.42%)	(4.03%)
2014	11.83	16.30	324,329	4,116,155	2.10%	0.40%	1.85%	3.77%	5.29%
Franklin Rising Dividends VIP Class 2									
2018	\$11.43	\$16.53	711,971	\$10,793,957	1.26%	0.30%	1.85%	(6.82%)	(5.55%)
2017	12.10	17.61	728,274	11,848,239	1.56%	0.40%	1.85%	18.36%	19.66%
2016	13.35	15.19	712,995	9,790,819	1.39%	0.40%	1.85%	13.92%	15.58%
2015	11.70	13.14	566,746	6,779,646	1.45%	0.40%	1.85%	(5.41%)	(4.03%)
2014	12.35	13.69	311,125	3,927,228	1.30%	0.40%	1.85%	6.73%	8.29%
Templeton Global Bond VIP Class 2									
2018	\$9.26	\$12.52	900,481	\$8,655,798	0.00%	0.30%	1.85%	0.06%	1.53%
2017	9.29	12.37	814,692	7,787,246	0.00%	0.40%	1.85%	0.06%	1.52%
2016	9.27	12.23	705,129	6,692,043	0.00%	0.40%	1.85%	1.06%	2.53%
2015	9.16	11.97	682,261	6,376,877	7.45%	0.40%	1.85%	(6.06%)	(4.69%)
2014	9.74	12.60	425,869	4,236,842	5.09%	0.40%	1.85%	(0.03%)	1.43%
Ivy VIP Asset Strategy Class II									
2018	\$8.99	\$9.27	196,258	\$1,808,207	3.43%	1.15%	1.80%	(7.04%)	(6.57%)
2017	9.72	9.90	48,664	479,573	1.51%	1.10%	1.70%	16.29%	16.87%
2016	8.36	8.49	59,445	502,329	0.58%	1.10%	1.70%	(4.21%)	(3.63%)
2015	8.72	8.81	50,136	440,563	0.36%	1.10%	1.70%	(9.89%)	(9.35%)
05/19/2014 - 12/31/2014	9.68	9.72	40,972	397,977	0.06%	1.10%	1.70%	(2.06%)	(2.06%)
Ivy VIP Energy Class II									
2018	\$5.12	\$5.58	146,296	\$760,664	0.00%	0.50%	1.70%	(35.26%)	(34.47%)
2017	7.90	8.52	117,349	937,828	0.90%	0.50%	1.80%	(14.11%)	(13.60%)
2016	9.19	9.29	78,232	724,006	0.11%	1.10%	1.80%	32.29%	32.95%
06/19/2015 - 12/31/2015	6.96	6.98	20,937	145,967	0.00%	1.15%	1.80%	(25.09%)	(25.09%)

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units	Net		Lowest	Highest	Lowest	Highest
	Lowest	Highest	Outstanding	Assets					
Janus Henderson Balanced Service Shares									
2018	\$11.00	\$15.53	12,958,585	\$182,599,624	1.79%	0.30%	1.85%	(1.42%)	0.13%
2017	11.14	15.53	10,638,675	151,440,849	1.43%	0.30%	1.85%	15.98%	17.78%
2016	10.11	13.20	8,816,782	107,698,475	2.08%	0.30%	2.00%	2.42%	3.91%
2015	11.53	12.70	6,334,178	75,288,709	1.50%	0.40%	1.85%	(1.43%)	0.01%
2014	11.68	12.70	2,535,709	30,438,466	1.67%	0.40%	1.85%	6.25%	7.81%
Janus Henderson Flexible Bond Service Shares									
2018	\$9.73	\$10.16	183,288	\$1,829,603	2.65%	0.30%	1.85%	(3.11%)	(1.58%)
2017	10.04	10.32	185,639	1,900,840	2.64%	0.30%	1.85%	1.46%	2.12%
2016	9.89	10.08	150,761	1,509,985	2.43%	1.15%	2.00%	0.35%	1.06%
2015	9.86	9.98	139,638	1,387,109	1.93%	1.10%	1.85%	(1.75%)	(1.25%)
07/21/2014 - 12/31/2014	10.06	10.09	24,280	244,833	4.09%	1.20%	1.70%	0.22%	0.22%
JPMorgan Insurance Trust Global Allocation Class 2									
2018	\$10.37	\$10.54	55,128	\$578,348	0.00%	1.15%	1.85%	(7.81%)	(7.39%)
2017	11.17	11.38	73,315	826,493	1.59%	1.15%	1.85%	15.00%	15.51%
2016	9.78	9.85	38,573	379,700	2.90%	1.15%	1.60%	4.16%	4.63%
05/14/2015 - 12/31/2015	9.39	9.41	37,163	349,788	2.99%	1.15%	1.60%	(5.39%)	(5.39%)
JPMorgan Insurance Trust Income Builder Class 2									
2018	\$10.21	\$10.40	75,767	\$784,951	0.00%	1.10%	1.60%	(6.43%)	(5.96%)
2017	10.92	11.06	95,748	1,056,138	2.96%	1.10%	1.60%	9.94%	10.49%
2016	9.93	10.01	114,548	1,144,044	4.25%	1.10%	1.70%	4.94%	4.94%
06/24/2015 - 12/31/2015	9.49	9.53	26,990	257,056	8.66%	1.20%	1.70%	(3.55%)	(3.55%)
ClearBridge Variable Aggressive Growth - Class II									
2018	\$9.99	\$10.62	44,316	\$450,158	0.45%	0.30%	1.80%	(10.21%)	(8.84%)
2017	11.13	11.65	24,052	270,438	0.34%	0.30%	1.80%	13.92%	14.72%
2016	9.77	9.85	10,577	103,738	0.57%	1.10%	1.80%	(0.86%)	(0.86%)
11/10/2015 - 12/31/2015	9.85	9.85	3,319	32,695	0.51%	1.80%	1.80%	(1.57%)	(1.57%)
Lord Abbett Bond Debenture Class VC									
2018	\$10.55	\$12.70	299,033	\$3,490,385	4.43%	0.30%	1.85%	(5.74%)	(4.31%)
2017	11.03	13.29	255,851	3,154,381	4.86%	0.30%	1.85%	7.27%	8.78%
2016	11.16	12.22	183,100	2,100,051	3.99%	0.40%	2.00%	10.14%	11.69%
2015	10.12	10.94	170,212	1,767,610	4.07%	0.40%	1.85%	(3.34%)	(1.92%)
2014	10.46	11.15	182,384	1,958,646	7.91%	0.40%	1.85%	2.43%	3.93%
Lord Abbett International Equity Class VC									
2018	\$8.32	\$12.58	101,672	\$964,800	1.71%	0.30%	1.85%	(19.85%)	(18.67%)
2017	10.38	15.52	71,465	868,421	1.78%	0.40%	1.85%	23.81%	25.17%
2016	8.49	12.44	67,757	675,595	2.68%	0.40%	1.50%	(3.20%)	(2.13%)
2015	8.77	12.76	65,474	680,198	1.78%	0.40%	1.50%	(3.05%)	(2.51%)
2014	9.08	13.09	27,904	344,608	1.35%	0.75%	1.30%	(10.64%)	(10.15%)
Lord Abbett Total Return Class VC									
2018	\$10.01	\$12.65	584,543	\$6,235,400	3.24%	0.30%	1.85%	(2.85%)	(1.77%)
2017	10.31	12.88	533,530	5,834,530	3.25%	0.40%	1.85%	1.97%	3.09%
2016	10.11	12.49	334,309	3,612,585	2.89%	0.40%	1.85%	2.36%	3.85%
2015	9.88	12.07	263,437	2,807,528	2.69%	0.40%	1.85%	(2.48%)	(1.40%)
2014	10.13	12.24	200,655	2,194,570	2.48%	0.75%	1.85%	4.71%	5.29%
MFS Total Return Series - Service Class									
2018	\$9.98	\$15.28	2,267,268	\$29,731,199	1.94%	0.40%	1.85%	(7.61%)	(6.25%)
2017	11.28	16.36	2,477,766	35,321,067	2.23%	0.40%	1.85%	9.98%	11.58%
2016	12.05	14.84	2,342,213	30,299,909	2.73%	0.40%	1.85%	6.83%	8.38%
2015	11.26	13.86	2,037,216	24,728,536	2.47%	0.40%	1.85%	(2.40%)	(0.98%)
2014	11.52	14.16	1,687,542	21,055,013	1.89%	0.40%	1.85%	6.25%	7.80%
MFS Utilities Series - Service Class									
2018	\$11.75	\$14.20	319,407	\$3,929,868	0.85%	0.40%	1.85%	(1.05%)	0.41%
2017	11.87	14.14	306,656	3,816,485	4.22%	0.40%	1.85%	12.40%	14.04%
2016	10.60	12.40	353,829	3,890,641	4.10%	0.40%	1.85%	9.20%	10.79%
2015	9.69	11.19	255,467	2,549,881	4.17%	0.40%	1.85%	(16.32%)	(15.10%)
2014	11.56	13.18	184,688	2,192,512	2.64%	0.40%	1.85%	10.40%	11.18%

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year or Period	At the End of Each Year or Period				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
MFS Value Series - Service Class									
2018	\$18.24	\$22.29	44,709	\$863,397	1.33%	0.75%	1.30%	(11.52%)	(11.03%)
2017	20.61	25.05	47,175	1,024,561	1.81%	0.75%	1.30%	15.84%	16.47%
2016	17.80	21.51	42,717	799,271	1.90%	0.75%	1.30%	12.31%	12.93%
2015	15.85	19.05	42,304	707,212	2.14%	0.75%	1.30%	(2.21%)	(1.67%)
2014	16.20	19.37	40,541	691,324	1.38%	0.75%	1.30%	8.78%	9.38%
MFS Massachusetts Investors Growth Stock - Service Class									
2018	\$12.94	\$13.04	43,971	\$572,076	0.33%	0.75%	0.95%	(0.38%)	(0.18%)
2017	12.99	13.06	50,414	657,490	0.41%	0.75%	0.95%	26.89%	27.15%
2016	10.24	10.28	53,261	546,751	0.38%	0.75%	0.95%	4.84%	5.05%
03/27/2015 - 12/31/2015	9.77	9.78	56,536	552,798	0.69%	0.75%	0.95%	(2.34%)	(2.19%)
Neuberger Berman U.S. Equity Index PutWrite Strategy Class S									
2018	\$9.26	\$9.32	14,517	\$135,201	0.00%	1.20%	1.40%	(8.09%)	(7.90%)
2017	10.08	10.12	5,065	51,168	0.00%	1.20%	1.40%	5.20%	5.20%
03/22/2016 - 12/31/2016	9.58	9.58	2,180	20,888	0.00%	1.40%	1.40%	1.08%	1.08%
Oppenheimer Global Fund/VA Service Shares									
2018	\$10.85	\$11.85	128,226	\$1,412,270	0.87%	0.30%	1.85%	(14.99%)	(13.65%)
2017	12.76	13.72	240,744	3,098,476	0.62%	0.30%	1.85%	34.03%	34.83%
2016	9.55	9.62	9,893	94,774	0.13%	1.10%	1.70%	(1.84%)	(1.25%)
11/03/2015 - 12/31/2015	9.73	9.74	5,045	49,091	0.00%	1.10%	1.70%	(4.24%)	(4.24%)
Oppenheimer International Growth Fund/VA Service Shares									
2018	\$9.27	\$9.65	59,998	\$563,366	0.66%	0.40%	1.65%	(20.88%)	(19.87%)
2017	11.72	12.04	22,773	269,199	0.93%	0.40%	1.65%	24.69%	25.00%
03/18/2016 - 12/31/2016	9.45	9.47	5,412	51,180	0.77%	1.15%	1.65%	(2.92%)	(2.92%)
PIMCO All Asset All Authority - Advisor Class									
2018	\$9.04	\$9.17	8,996	\$82,389	3.27%	1.20%	1.50%	(8.09%)	(7.82%)
2017	9.84	9.94	9,124	90,597	4.83%	1.20%	1.80%	9.33%	9.66%
2016	8.93	9.07	10,255	92,719	1.48%	1.15%	1.80%	11.86%	12.20%
2015	8.04	8.08	4,033	32,560	4.10%	1.20%	1.50%	(13.45%)	(13.45%)
06/19/2014 - 12/31/2014	9.32	9.34	474	4,425	7.64%	1.20%	1.50%	(8.64%)	(8.64%)
PIMCO CommodityRealReturn Strategy - Advisor Class									
2018	\$4.63	\$5.10	49,491	\$248,874	1.93%	1.10%	1.85%	(15.78%)	(15.15%)
2017	5.50	6.01	51,362	303,518	11.43%	0.40%	1.85%	0.18%	0.93%
2016	5.49	5.96	57,257	336,066	1.05%	0.40%	1.85%	12.77%	14.41%
2015	4.87	5.25	55,074	283,348	4.06%	0.40%	1.85%	(27.03%)	(25.96%)
2014	6.67	7.15	38,325	267,824	0.29%	0.40%	1.85%	(20.11%)	(18.94%)
Schwab VIT Balanced									
2018	\$11.95	\$11.95	249,889	\$2,985,903	1.37%	0.60%	0.60%	(5.21%)	(5.21%)
2017	12.61	12.61	256,452	3,232,698	1.17%	0.60%	0.60%	9.35%	9.35%
2016	11.53	11.53	314,338	3,623,672	1.07%	0.60%	0.60%	4.15%	4.15%
2015	11.07	11.07	325,670	3,604,551	0.99%	0.60%	0.60%	(2.59%)	(2.59%)
2014	11.36	11.36	317,530	3,607,823	0.60%	0.60%	0.60%	3.53%	3.53%
Schwab VIT Balanced with Growth									
2018	\$12.83	\$12.83	581,801	\$7,464,217	1.51%	0.60%	0.60%	(7.26%)	(7.26%)
2017	13.83	13.83	606,042	8,384,234	1.38%	0.60%	0.60%	13.02%	13.02%
2016	12.24	12.24	611,058	7,479,818	1.35%	0.60%	0.60%	5.74%	5.74%
2015	11.58	11.58	602,907	6,979,354	1.31%	0.60%	0.60%	(3.06%)	(3.06%)
2014	11.94	11.94	497,873	5,945,202	0.78%	0.60%	0.60%	3.53%	3.53%
Schwab VIT Growth									
2018	\$13.87	\$13.87	334,031	\$4,632,531	2.17%	0.60%	0.60%	(8.91%)	(8.91%)
2017	15.22	15.22	369,064	5,618,767	1.35%	0.60%	0.60%	16.44%	16.44%
2016	13.07	13.07	352,526	4,609,237	1.34%	0.60%	0.60%	7.02%	7.02%
2015	12.22	12.22	341,795	4,175,654	1.28%	0.60%	0.60%	(3.43%)	(3.43%)
2014	12.65	12.65	313,177	3,961,960	0.80%	0.60%	0.60%	3.35%	3.35%
State Street Total Return V.I.S. Class 3									
2018	\$10.09	\$19.66	1,287,844	\$18,863,671	1.80%	0.30%	2.00%	(8.47%)	(6.98%)
2017	12.58	21.13	1,462,507	23,731,917	1.68%	0.40%	2.00%	12.99%	14.81%
2016	11.11	18.41	1,727,445	24,454,172	1.63%	0.40%	2.00%	3.99%	5.66%
2015	10.67	17.42	1,806,397	24,725,965	1.51%	0.40%	2.00%	(3.30%)	(1.74%)
2014	11.01	17.73	1,768,189	25,633,781	1.62%	0.40%	2.00%	2.99%	4.65%

SEPARATE ACCOUNT A
FINANCIAL HIGHLIGHTS (Continued)

Variable Accounts For Each Year	At the End of Each Year				Investment Income Ratios (2)	Expense Ratios (3)		Total Returns (4)	
	AUV (1)		Units Outstanding	Net Assets		Lowest	Highest	Lowest	Highest
	Lowest	Highest							
VanEck VIP Global Hard Assets Class S									
2018	\$5.26	\$6.78	143,414	\$811,546	0.00%	0.30%	1.70%	(29.64%)	(28.64%)
2017	7.47	9.50	155,453	1,245,028	0.00%	0.30%	1.80%	(3.62%)	(2.90%)
2016	7.70	8.40	169,080	1,396,159	0.39%	0.95%	1.85%	41.00%	42.06%
2015	5.44	5.93	148,490	870,235	0.02%	0.95%	1.85%	(34.75%)	(34.25%)
2014	8.27	9.04	57,926	513,157	0.00%	0.95%	1.70%	(20.71%)	(20.23%)

- (1) The AUV is presented as a range from lowest to highest based on the ending AUV for all product groupings as of December 31 of each year or period ended. The lowest and highest AUV may be the same for a variable account if there is only one product which had investments at the end of the year or period.
- (2) The investment income ratios represent the dividends, excluding distributions of capital gains, received by the variable accounts from the underlying portfolios/funds, divided by the average daily net assets (See Note 3 in Notes to Financial Statements for information on dividends and distributions). These ratios exclude those expenses, such as as mortality and expense risk ("M&E") fees, administrative fees, and additional death benefit rider charges, if any, that are assessed against contract owner accounts, either through reductions in the unit values or the redemption of units. The recognition of investment income by the variable accounts is affected by the timing of the declaration of dividends by the underlying portfolios/funds in which the variable accounts invest. The investment income ratios for periods of less than one full year are annualized.
- (3) The expense ratios represent annualized contract fees and expenses of the Separate Account divided by the average daily net assets for each period indicated. These ratios include only those expenses that result in a direct reduction of unit values. Excluded are expenses of the underlying portfolios/funds in which the variable accounts invest and charges made directly to contract owner accounts through the redemption of units (See Note 4 in Notes to Financial Statements). The expense ratios are presented as a range of lowest to highest based on the product groupings. The expense ratios for periods of less than one full year are annualized.
- (4) Total returns reflect changes in unit values of the underlying portfolios/funds and deductions for M&E fees, administrative fees, and additional death benefit rider charges, if any, assessed through the daily AUV calculation. These fees and charges are assessed at annual rates ranging from 0.30% to 2.00% based on the average daily net assets of each variable account as discussed in Note 4 in Notes to Financial Statements. Total returns do not include deductions at the separate account or contract level for any premium loads, maintenance fees, premium tax charges, withdrawal and surrender charges, charges for other optional benefit riders, or other charges that may be incurred under a contract which, if incurred, would have resulted in lower returns. Total returns are presented as a range from lowest to highest values based on the product grouping representing the minimum to maximum expense ratio amounts. Total returns for those contracts which commenced operations subsequent to the beginning of the year or period indicated for each variable account may not be within the ranges presented, and these contracts are excluded when calculating the total returns from lowest to highest as presented in the table. Total returns are calculated for each period indicated and are not annualized for periods of less than one full year.
- (5) Subsequent to commencement of operations, the American Funds IS Global Growth and Income Class 4 Variable Account received its annual distribution. The annualized investment income ratio was 11.59%. Prior to annualization, the ratio was 1.19%.

SEPARATE ACCOUNT A NOTES TO FINANCIAL STATEMENTS

1. ORGANIZATION

The Separate Account A (the "Separate Account") of Pacific Life & Annuity Company ("PL&A") is registered as a unit investment trust under the Investment Company Act of 1940, as amended. The Separate Account consists of subaccounts (each, a "Variable Account" and collectively, the "Variable Accounts") which invest in shares of corresponding portfolios or funds (each, a "Portfolio" and collectively, the "Portfolios") of registered investment management companies (each, a "Fund" and collectively, the "Funds"). As of December 31, 2018, the Fund investment options are Pacific Select Fund (See Note 4), AIM Variable Insurance Funds (Invesco Variable Insurance Funds), American Century Variable Portfolios, Inc., American Funds Insurance Series®, BlackRock Variable Series Funds, Inc., Fidelity Variable Insurance Products Funds, First Trust Variable Insurance Trust, Franklin Templeton Variable Insurance Products Trust, Ivy Variable Insurance Portfolios, Janus Aspen Series, JPMorgan Insurance Trust, Legg Mason Partners Variable Equity Trust, Lord Abbett Series Fund, Inc., MFS Variable Insurance Trust, Neuberger Berman Advisers Management Trust, Oppenheimer Variable Account Funds, PIMCO Variable Insurance Trust, Schwab Annuity Portfolios, State Street Variable Insurance Series Funds, Inc., and VanEck VIP Trust. The Variable Accounts which have not commenced operations as of December 31, 2018 are not presented in this annual report.

Each of the Portfolios pursues different investment objectives and policies. The financial statements of the Funds, including the schedules of investments, are provided separately and should be read in conjunction with the Separate Account's financial statements.

On March 29, 2018, the BlackRock iShares Dynamic Fixed Income V.I. Class I and BlackRock iShares Equity Appreciation V.I. Class I Variable Accounts were liquidated. On August 31, 2018, the BlackRock iShares Alternative Strategies V.I. Class I Variable Account was liquidated. Any units that remained in each of these three BlackRock Variable Accounts (the "Liquidated BlackRock Variable Accounts") after the close of business on the liquidation dates were transferred to the Fidelity VIP Government Money Market Service Class Variable Account. Such transfers were based on the applicable Variable Accounts' accumulation unit values and the relative net asset values of the respective Portfolios as of the close of the business of the liquidation dates. Because the Liquidated BlackRock Variable Accounts were liquidated prior to December 31, 2018, no other information for the Liquidated BlackRock Variable Accounts are included in this annual report.

On June 28, 2018, the net assets of the Pacific Select Fund's Long/Short Large-Cap Portfolio Class I, the underlying Portfolio for the Long/Short Large-Cap Variable Account, were transferred to the Pacific Select Fund Main Street Core Portfolio Class I, the underlying Portfolio for the Main Street Core Variable Account through a reorganization (the "Reorganization"). In connection with the Reorganization, any units that remained in the Long/Short Large-Cap Variable Account after the close of business on June 28, 2018 were transferred to the Main Street Core Variable Account. Such transfers were based on the applicable Variable Account accumulation unit values and the relative net asset values of the respective Portfolios, as of the close of business on June 28, 2018. The Long/Short Large-Cap Variable Account is not included in this annual report.

Under applicable insurance law, the assets and liabilities of the Separate Account are clearly identified and distinguished from the other assets and liabilities of PL&A. The assets of the Separate Account will not be charged with any liabilities arising out of any other business conducted by PL&A, but the obligations of the Separate Account, including benefits related to variable annuity contracts, are obligations of PL&A.

The Separate Account funds individual flexible premium deferred variable annuity contracts (the "Contracts"). The investments of the Separate Account are carried at fair value.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of the significant accounting policies followed by the Separate Account in the preparation of its financial statements in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"), which may require management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates. The Separate Account qualifies as an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to Investment Companies Topic of U.S. GAAP.

A. Valuation of Investments

Investments in shares of the Portfolios are valued at the reported net asset values of the respective Portfolios. Valuation of securities held by the Funds is discussed in the notes to their financial statements.

B. Security Transactions and Income

Transactions are recorded on the trade date. Realized gains and losses on sales of investments are determined on the basis of identified cost. Dividends and capital gains distributions, if any, from mutual fund investments are recorded on the ex-dividend date.

C. Federal Income Taxes

The operations of the Separate Account are included within the total operations of PL&A, which files income tax returns as part of the Pacific Mutual Holding Company consolidated federal income tax return. Under the current tax law, no federal income taxes are expected to be paid with respect to the operations of the Separate Account and no changes were made as a result of the enactment of the Tax Cuts and Jobs Act. PL&A will periodically review the status of this policy in the event of changes in the tax law.

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

D. Contracts in Payout Period

Net assets allocated to Contracts in payout period are computed, on a current basis, according to the Annuity 2000 Mortality Table or 2012 IAR Mortality Table depending on the year of annuitization. The assumed investment return is 4.0 percent. The mortality risk is fully borne by PL&A and may result in additional amounts being transferred into the Variable Accounts by PL&A to cover greater longevity of annuitants than expected. Conversely, if amounts allocated exceed the amounts required, transfers may be made to PL&A. These transfers, if any, are shown as adjustments to net assets allocated to contracts in payout (annuitization) period in the accompanying Statements of Changes in Net Assets.

3. DIVIDENDS AND DISTRIBUTIONS FROM MUTUAL FUND INVESTMENTS

All dividend and capital gain distributions, if any, received from the Portfolios are reinvested in additional full and fractional shares of the related Portfolios and are recorded by the Variable Accounts on the ex-dividend date.

Each of the Portfolios in the Pacific Select Fund is treated as a partnership for federal income tax purposes only (the "Partnership Portfolios"). The Partnership Portfolios are not required to distribute taxable income and capital gains for federal income tax purposes. Therefore, no dividend or capital gain distributions were received from any Portfolios in the Pacific Select Fund nor were they recorded by the applicable Variable Accounts in the Statements of Operations for the year ended December 31, 2018.

4. CHARGES AND EXPENSES AND RELATED PARTY TRANSACTIONS

PL&A deducts from the Separate Account daily charges for mortality and expense risks ("M&E") and administrative fees PL&A assumes, and any additional death benefit rider charges, if applicable. Contracts funded by the Separate Account currently being sold or administered, along with the total annual expense ratios, are summarized in the following table. The mortality risk assumed by PL&A is the risk that the annuitant will live longer than predicted and will receive more annuity payments than anticipated. PL&A also assumes mortality risk in connection with any death benefit paid under the Contracts. The expense risk assumed is that expenses incurred in administering the Contracts and the Separate Account will exceed the amounts realized from fees and charges assessed against the Contracts. These charges are assessed daily at the following annual rates based on the average daily net assets of each Variable Account and result in a direct reduction in unit values. M&E fees and administrative fees are included in the Statements of Operations.

Death Benefit Options

Pacific Choice Contracts (Without Stepped-Up Death Benefit II Rider Charge)	Standard Death Benefit With 5 Year Option	Standard Death Benefit With 3 Year Option	Standard Death Benefit With 0 Year Option	
M&E Charge	0.95%	1.25%	1.35%	
Administrative Fee	0.25%	0.25%	0.25%	
Total Annual Expenses	1.20%	1.50%	1.60%	
Pacific Choice Contracts (With Stepped-Up Death Benefit II Rider Charge)	Stepped-Up Death Benefit With 5 Year Option	Stepped-Up Death Benefit With 3 Year Option	Stepped-Up Death Benefit With 0 Year Option	
M&E Charge	0.95%	1.25%	1.35%	
Administrative Fee	0.25%	0.25%	0.25%	
Death Benefit Rider Charge	0.20%	0.20%	0.20%	
Total Annual Expenses	1.40%	1.70%	1.80%	
Pacific Destinations and Pacific Destination - O Series Contracts	Standard Death Benefit	With Stepped-Up Death Benefit Rider	With Stepped-Up Death Benefit II Rider	
M&E Charge	0.60%	0.60%	0.60%	
Administrative Fee	0.15%	0.15%	0.15%	
Death Benefit Rider Charge	None	0.20%	0.20%	
Total Annual Expenses	0.75%	0.95%	0.95%	
Pacific Journey Select Contracts	Without Stepped-Up Death Benefit Rider and Four Year Withdrawal Charge Option	With Stepped-Up Death Benefit Rider Only	With Four Year Withdrawal Charge Option Only	With Stepped-Up Death Benefit Rider and Four Year Withdrawal Charge Option
M&E Charge	0.95%	0.95%	0.95%	0.95%
Administrative Fee	0.15%	0.15%	0.15%	0.15%
Death Benefit Rider Charge	None	0.20%	None	0.20%
Four Year Withdrawal Charge	None	None	0.35%	0.35%
Total Annual Expenses	1.10%	1.30%	1.45%	1.65%

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

Death Benefit Options

Pacific Navigator Contracts	Without Stepped-Up Death Benefit Rider II and Four Year Withdrawal Charge Option	With Stepped-Up Death Benefit Rider II Only	With Four Year Withdrawal Charge Option Only	With Stepped-Up Death Benefit Rider II and Four Year Withdrawal Charge Option
M&E Charge	1.05%	1.05%	1.05%	1.05%
Administrative Fee	0.25%	0.25%	0.25%	0.25%
Death Benefit Rider II Charge	None	0.20%	None	0.20%
Four Year Withdrawal Charge	None	None	0.45%	0.45%
Total Annual Expenses	1.30%	1.50%	1.75%	1.95%
Pacific Destinations B Contracts	Standard Death Benefit	With Stepped-Up Death Benefit Rider		
M&E Charge	1.15%	1.15%		
Administrative Fee	0.15%	0.15%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	1.30%	1.50%		
Pacific Odyssey Contracts (issued on or after 12/1/2016)				
M&E Charge	0.15%	0.15%		
Administrative Fee	0.15%	0.15%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	0.30%	0.50%		
Pacific Odyssey Contracts (issued prior to 12/1/2016)				
M&E Charge	0.15%	0.15%		
Administrative Fee	0.25%	0.25%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	0.40%	0.60%		
Pacific One Select Contracts				
M&E Charge	1.50%	1.50%		
Administrative Fee	0.25%	0.25%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	1.75%	1.95%		
Pacific Portfolios Contracts				
M&E Charge	1.25%	1.25%		
Administrative Fee	0.15%	0.15%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	1.40%	1.60%		
Pacific Value and Pacific Innovations Select Contracts				
M&E Charge	1.40%	1.40%		
Administrative Fee	0.25%	0.25%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	1.65%	1.85%		
Pacific Value Edge Contracts				
M&E Charge	1.55%	1.55%		
Administrative Fee	0.25%	0.25%		
Death Benefit Rider Charge	None	0.20%		
Total Annual Expenses	1.80%	2.00%		

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

Death Benefit Options			
Pacific Value Select Contracts	Standard Death Benefit	With Stepped-Up Death Benefit Rider	
M&E Charge	1.45%	1.45%	
Administrative Fee	0.15%	0.15%	
Death Benefit Rider Charge	None	0.20%	
Total Annual Expenses	1.60%	1.80%	
Pacific Voyages Contracts			
M&E Charge	1.00%	1.00%	
Administrative Fee	0.15%	0.15%	
Death Benefit Rider Charge	None	0.20%	
Total Annual Expenses	1.15%	1.35%	
Schwab Retirement Income Variable Annuity Contracts	Standard Death Benefit	With Return of Purchase Payments Death Benefit Rider	With Stepped-Up Death Benefit Rider
M&E Charge	0.35%	0.35%	0.35%
Administrative Fee	0.25%	0.25%	0.25%
Death Benefit Rider Charge	None	0.20%	0.40%
Total Annual Expenses	0.60%	0.80%	1.00%

Under the Contracts, PL&A makes certain deductions from the net assets of each Variable Account through a redemption of units for maintenance fees, any other optional riders, any state premium taxes, and any withdrawal and surrender charges, and are shown as a decrease in net assets from contract owner transactions in the accompanying Statements of Changes in Net Assets. For some Contracts, a surrender charge is imposed if the Contract is partially or fully surrendered within the specified surrender charge period and charges will vary depending on the individual Contract. Most Contracts offer optional benefits that can be added to the Contract by rider. The charges for riders can range depending on the individual contract. These fees and charges are assessed directly to each Contract owner account through a redemption of units. Withdrawal and surrender charges are included in contract benefits and terminations; and maintenance fees, any other optional benefit riders and state premium taxes are included in contract charges and deductions in the accompanying Statements of Changes in Net Assets. The operating expenses of the Separate Account are paid by PL&A and are not reflected in the accompanying financial statements.

In addition to charges and expenses described above, the Variable Accounts also indirectly bear a portion of the operating expenses of the applicable Portfolios in which they invest.

PL&A is a wholly-owned subsidiary of Pacific Life Insurance Company ("Pacific Life"). The assets of certain Variable Accounts invest in Class I or Class D shares of the corresponding Portfolios of the Pacific Select Fund ("PSF"). Each Portfolio of PSF pays an advisory fee to Pacific Life Fund Advisors LLC ("PLFA"), a wholly-owned subsidiary of Pacific Life, pursuant to PSF's Investment Advisory Agreement and pays a class-specific non-12b-1 service fee for class I shares and a class-specific 12b-1 distribution and service fee for class D shares to Pacific Select Distributors, LLC ("PSD"), also a wholly-owned subsidiary of Pacific Life, for providing shareholder servicing activities under PSF's non-12b-1 Service Plan and 12b-1 Distribution and Service Plan. Each Portfolio of PSF also compensates Pacific Life and PLFA on an approximate cost basis pursuant to PSF's Agreement for Support Services for providing services to PSF that are outside the scope of the Investment Adviser's responsibilities under the Investment Advisory Agreement. The advisory fee and distribution and/or service fee rates are disclosed in the Notes to Financial Statements of PSF, which are provided separately. For the year ended December 31, 2018, PLFA received net advisory fees from the corresponding Portfolios of PSF at effective annual rates ranging from 0.05% to 1.00%, and PSD received a non-12b-1 service fee of 0.20% on Class I shares only and a 12b-1 service fee of 0.20% and a distribution fee of 0.05% on Class D shares only, all of which are based on the average daily net assets of each Portfolio.

5. RELATED PARTY AGREEMENT

PSD serves as principal underwriter of the Contracts funded by interests in the Separate Account, without remuneration from the Separate Account.

6. FAIR VALUE MEASUREMENTS

The Variable Accounts characterize their holdings in the Portfolios as Level 1, Level 2, or Level 3 based upon the various inputs or methodologies used to value the holdings. The three-tier hierarchy of inputs is summarized in the three broad levels listed below:

Level 1 – Quoted prices (unadjusted) in active markets for identical holdings

Level 2 – Significant observable market-based inputs, other than Level 1 quoted prices, or unobservable inputs that are corroborated by market data

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

Level 3 – Significant unobservable inputs that are not corroborated by observable market data

The inputs or methodologies used for valuing the Variable Accounts' holdings are not necessarily an indication of risks associated with investing in those holdings. As of December 31, 2018, the Variable Accounts' holdings as presented in the Investments section were all categorized as Level 1 under the three-tier hierarchy of inputs.

7. CHANGES IN UNITS OUTSTANDING

The changes in units outstanding for the years ended December 31, 2018 and 2017 were as follows:

Variable Accounts	2018			2017		
	Units Issued	Units Redeemed	Net Increase (Decrease)	Units Issued	Units Redeemed	Net Increase (Decrease)
Core Income	45,903	(549)	45,354	8,624	(754)	7,870
Diversified Bond	132,578	(77,593)	54,985	202,390	(141,178)	61,212
Floating Rate Income	386,249	(207,789)	178,460	55,434	(47,731)	7,703
Floating Rate Loan	277,421	(214,359)	63,062	151,445	(147,828)	3,617
High Yield Bond	97,719	(87,478)	10,241	93,247	(148,578)	(55,331)
Inflation Managed	65,000	(82,616)	(17,616)	167,153	(90,831)	76,322
Inflation Strategy	28,238	(5,863)	22,375	32,889	(62,331)	(29,442)
Managed Bond	148,584	(115,040)	33,544	245,245	(189,562)	55,683
Short Duration Bond	356,376	(321,267)	35,109	512,058	(562,138)	(50,080)
Emerging Markets Debt	41,183	(65,237)	(24,054)	50,465	(43,010)	7,455
Comstock	32,640	(43,038)	(10,398)	23,225	(48,037)	(24,812)
Developing Growth	128,749	(39,169)	89,580	9,741	(32,237)	(22,496)
Dividend Growth	221,197	(148,316)	72,881	210,699	(257,480)	(46,781)
Equity Index	1,261,810	(453,712)	808,098	1,539,538	(614,989)	924,549
Focused Growth	158,056	(117,683)	40,373	181,914	(37,604)	144,310
Growth	168,175	(117,670)	50,505	58,744	(22,759)	35,985
Large-Cap Growth	155,118	(101,958)	53,160	153,813	(42,148)	111,665
Large-Cap Value	94,484	(73,203)	21,281	64,939	(65,994)	(1,055)
Main Street Core	146,076	(56,712)	89,364	52,381	(35,730)	16,651
Mid-Cap Equity	46,880	(190,307)	(143,427)	170,902	(79,758)	91,144
Mid-Cap Growth	237,468	(84,292)	153,176	149,788	(145,962)	3,826
Mid-Cap Value	44,179	(19,719)	24,460	38,919	(15,902)	23,017
Small-Cap Equity	48,422	(57,988)	(9,566)	47,014	(31,711)	15,303
Small-Cap Index	151,145	(70,149)	80,996	243,379	(41,419)	201,960
Small-Cap Value	39,880	(51,143)	(11,263)	175,420	(181,771)	(6,351)
Value Advantage	23,260	(5,014)	18,246	143,428	(134,467)	8,961
Emerging Markets	177,912	(135,668)	42,244	186,282	(105,327)	80,955
International Large-Cap	66,220	(35,482)	30,738	48,986	(64,511)	(15,525)
International Small-Cap	25,282	(13,739)	11,543	19,342	(79,095)	(59,753)
International Value	86,070	(41,068)	45,002	42,059	(61,194)	(19,135)
Health Sciences	242,021	(119,483)	122,538	153,114	(198,975)	(45,861)
Real Estate	47,769	(69,781)	(22,012)	107,792	(218,489)	(110,697)
Technology	298,559	(117,492)	181,067	205,297	(128,243)	77,054
Currency Strategies	49,564	(9,650)	39,914	3,673	(696)	2,977
Diversified Alternatives	2,369	(32)	2,337	2,138	-	2,138
Equity Long/Short	33,615	(24,537)	9,078	65,689	(51,241)	14,448
Global Absolute Return	23,761	(5,434)	18,327	15,345	(7,246)	8,099
Pacific Dynamix - Conservative Growth	417,191	(373,494)	43,697	437,870	(406,852)	31,018
Pacific Dynamix - Moderate Growth	1,633,418	(1,259,006)	374,412	1,800,977	(1,111,153)	689,824
Pacific Dynamix - Growth	522,303	(363,829)	158,474	351,986	(225,658)	126,328
Portfolio Optimization Conservative	711,723	(1,484,769)	(773,046)	726,483	(1,776,522)	(1,050,039)
Portfolio Optimization Moderate-Conservative	523,423	(2,294,517)	(1,771,094)	716,470	(2,247,220)	(1,530,750)
Portfolio Optimization Moderate	1,624,615	(6,365,093)	(4,740,478)	2,171,473	(6,095,480)	(3,924,007)
Portfolio Optimization Growth	752,072	(4,210,257)	(3,458,185)	915,258	(5,215,915)	(4,300,657)
Portfolio Optimization Aggressive-Growth	213,604	(967,538)	(753,934)	219,654	(1,241,367)	(1,021,713)
PSF DFA Balanced Allocation	332,186	(111,441)	220,745	434,902	(37,163)	397,739
Invesco V.I. Balanced-Risk Allocation Series II	205,317	(207,734)	(2,417)	277,611	(218,580)	59,031
Invesco V.I. Equity and Income Series II	15,405	(111,493)	(96,088)	130,699	(12,242)	118,457
Invesco V.I. Global Real Estate Series II	41,484	(57,103)	(15,619)	125,647	(10,575)	115,072

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

Variable Accounts	2018			2017		
	Units Issued	Units Redeemed	Net Increase (Decrease)	Units Issued	Units Redeemed	Net Increase (Decrease)
American Century VP Mid Cap Value Class II	37,527	(82,841)	(45,314)	127,815	(200,176)	(72,361)
American Funds IS Asset Allocation Class 4	1,709,556	(2,100,486)	(390,930)	2,449,159	(1,559,453)	889,706
American Funds IS Blue Chip Income and Growth Class 4	128,238	(26,914)	101,324	292,257	(242,581)	49,676
American Funds IS Bond Class 4	103,263	(22,612)	80,651	92,139	(8,576)	83,563
American Funds IS Capital Income Builder Class 4	81,463	(31,117)	50,346	66,232	(15,687)	50,545
American Funds IS Global Balanced Class 4	161,376	(43,108)	118,268	65,013	(831)	64,182
American Funds IS Global Bond Class 4	74,248	(86,913)	(12,665)	37,941	(22,099)	15,842
American Funds IS Global Growth and Income Class 4	47,431	(11,416)	36,015	75,555	(93,405)	(17,850)
American Funds IS Global Growth Class 4	73,835	(89,456)	(15,621)	102,201	(23,747)	78,454
American Funds IS Global Small Capitalization Class 4	26,905	(2,100)	24,805	34,927	(507)	34,420
American Funds IS Growth Class 4	271,663	(247,656)	24,007	305,353	(179,254)	126,099
American Funds IS Growth-Income Class 4	178,801	(241,086)	(62,285)	359,226	(126,369)	232,857
American Funds IS High-Income Bond Class 4	23,752	(17,485)	6,267	68,835	(25,598)	43,237
American Funds IS International Class 4	119,077	(27,163)	91,914	144,174	(22,120)	122,054
American Funds IS International Growth and Income Class 4	89,514	(95,409)	(5,895)	139,854	(11,965)	127,889
American Funds IS Managed Risk Asset Allocation Class P2	303,980	(128,138)	175,842	469,779	(169,163)	300,616
American Funds IS New World Fund Class 4	74,968	(51,801)	23,167	56,243	(12,169)	44,074
American Funds IS U.S. Government/AAA-Rated Securities Class 4	81,657	(71,542)	10,115	78,817	(50,254)	28,563
BlackRock Capital Appreciation V.I. Class III	476	(3,478)	(3,002)	652	(5,264)	(4,612)
BlackRock Global Allocation V.I. Class III	507,142	(1,723,747)	(1,216,605)	754,431	(1,913,858)	(1,159,427)
BlackRock iShares Dynamic Allocation V.I. Class I	24,571	(6,773)	17,798	81,399	(13,161)	68,238
Fidelity VIP Contrafund Service Class 2	320,998	(138,087)	182,911	368,670	(321,110)	47,560
Fidelity VIP FundsManager 60% Service Class 2	557,313	(499,450)	57,863	554,685	(291,830)	262,855
Fidelity VIP Government Money Market Service Class	1,861,368	(1,489,035)	372,333	1,642,422	(766,632)	875,790
Fidelity VIP Strategic Income Service Class 2	226,869	(96,618)	130,251	301,096	(48,071)	253,025
First Trust Dorsey Wright Tactical Core Class I	75,648	(22,110)	53,538	119,219	(17,005)	102,214
First Trust/Dow Jones Dividend & Income Allocation Class I	992,630	(492,874)	499,756	992,671	(442,866)	549,805
First Trust Multi Income Allocation Class I	23,515	(19,939)	3,576	20,930	(2,402)	18,528
Franklin Founding Funds Allocation VIP Class 2	820	(7,746)	(6,926)	556	(2,514)	(1,958)
Franklin Founding Funds Allocation VIP Class 4	42,718	(183,635)	(140,917)	120,374	(152,982)	(32,608)
Franklin Income VIP Class 2	186,542	(88,478)	98,064	210,066	(42,592)	167,474
Franklin Mutual Global Discovery VIP Class 2	47,692	(77,622)	(29,930)	126,940	(69,738)	57,202
Franklin Rising Dividends VIP Class 2	96,883	(113,186)	(16,303)	230,595	(215,316)	15,279
Templeton Global Bond VIP Class 2	179,716	(93,927)	85,789	182,061	(72,498)	109,563
Ivy VIP Asset Strategy Class II	162,750	(15,156)	147,594	1,249	(12,030)	(10,781)
Ivy VIP Energy Class II	44,341	(15,394)	28,947	119,602	(80,485)	39,117
Janus Henderson Balanced Service Shares	3,634,934	(1,315,024)	2,319,910	2,722,743	(900,850)	1,821,893
Janus Henderson Flexible Bond Service Shares	29,553	(31,904)	(2,351)	60,589	(25,711)	34,878
JPMorgan Insurance Trust Global Allocation Class 2	17,524	(35,711)	(18,187)	35,919	(1,177)	34,742
JPMorgan Insurance Trust Income Builder Class 2	24,245	(44,226)	(19,981)	21,805	(40,605)	(18,800)
ClearBridge Variable Aggressive Growth - Class II	45,201	(24,937)	20,264	13,724	(249)	13,475
Lord Abbett Bond Debenture Class VC	90,228	(47,046)	43,182	112,814	(40,063)	72,751
Lord Abbett International Equity Class VC	35,248	(5,041)	30,207	27,993	(24,285)	3,708
Lord Abbett Total Return Class VC	123,317	(72,304)	51,013	223,989	(24,768)	199,221
MFS Total Return Series - Service Class	339,845	(550,343)	(210,498)	614,318	(478,765)	135,553
MFS Utilities Series - Service Class	93,843	(81,092)	12,751	82,433	(129,606)	(47,173)
MFS Value Series - Service Class	2,587	(5,053)	(2,466)	7,617	(3,159)	4,458
MFS Massachusetts Investors Growth Stock - Service Class	425	(6,868)	(6,443)	3,318	(6,165)	(2,847)
Neuberger Berman U.S. Equity Index PutWrite Strategy Class S	9,603	(151)	9,452	2,885	-	2,885
Oppenheimer Global Fund/VA Service Shares	57,467	(169,985)	(112,518)	275,491	(44,640)	230,851
Oppenheimer International Growth Fund/VA Service Shares	40,458	(3,233)	37,225	18,230	(869)	17,361
PIMCO All Asset All Authority - Advisor Class	857	(985)	(128)	311	(1,442)	(1,131)
PIMCO CommodityRealReturn Strategy - Advisor Class	19,175	(21,046)	(1,871)	17,984	(23,879)	(5,895)
Schwab VIT Balanced	13,964	(20,527)	(6,563)	345	(58,231)	(57,886)
Schwab VIT Balanced with Growth	22,682	(46,923)	(24,241)	27,585	(32,601)	(5,016)

SEPARATE ACCOUNT A
NOTES TO FINANCIAL STATEMENTS (Continued)

Variable Accounts	2018			2017		
	Units Issued	Units Redeemed	Net Increase (Decrease)	Units Issued	Units Redeemed	Net Increase (Decrease)
Schwab VIT Growth	208,612	(243,645)	(35,033)	29,409	(12,871)	16,538
State Street Total Return V.I.S. Class 3	102,741	(277,404)	(174,663)	69,997	(334,935)	(264,938)
VanEck VIP Global Hard Assets Class S	12,933	(24,972)	(12,039)	46,612	(60,239)	(13,627)

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors of
Pacific Life & Annuity Company:

Opinion on the Financial Statements and Financial Highlights

We have audited the accompanying statements of assets and liabilities of Separate Account A of Pacific Life & Annuity Company (the "Separate Account") comprising the Core Income, Diversified Bond, Floating Rate Income, Floating Rate Loan, High Yield Bond, Inflation Managed, Inflation Strategy, Managed Bond, Short Duration Bond, Emerging Markets Debt, Comstock, Developing Growth, Dividend Growth, Equity Index, Focused Growth, Growth, Large-Cap Growth, Large-Cap Value, Main Street® Core, Mid-Cap Equity, Mid-Cap Growth, Mid-Cap Value, Small-Cap Equity, Small-Cap Index, Small-Cap Value, Value Advantage, Emerging Markets, International Large-Cap, International Small-Cap, International Value, Health Sciences, Real Estate, Technology, Currency Strategies, Diversified Alternatives, Equity Long/Short, Global Absolute Return, Pacific Dynamix - Conservative Growth, Pacific Dynamix - Moderate Growth, Pacific Dynamix - Growth, Portfolio Optimization Conservative, Portfolio Optimization Moderate-Conservative, Portfolio Optimization Moderate, Portfolio Optimization Growth, Portfolio Optimization Aggressive-Growth, PSF DFA Balanced Allocation, Invesco V.I. Balanced-Risk Allocation Series II, Invesco V.I. Equity and Income Series II, Invesco V.I. Global Real Estate Series II, American Century VP Mid Cap Value Class II, American Funds IS Asset Allocation Class 4, American Funds IS Blue Chip Income and Growth Class 4, American Funds IS Bond Class 4, American Funds IS Capital Income Builder® Class 4, American Funds IS Global Balanced Class 4, American Funds IS Global Bond Class 4, American Funds IS Global Growth and Income Class 4, American Funds IS Global Growth Class 4, American Funds IS Global Small Capitalization Class 4, American Funds IS Growth Class 4, American Funds IS Growth-Income Class 4, American Funds IS High-Income Bond Class 4, American Funds IS International Class 4, American Funds IS International Growth and Income Class 4, American Funds IS Managed Risk Asset Allocation Class P2, American Funds IS New World Fund® Class 4, American Funds IS U.S. Government/AAA-Rated Securities Class 4, BlackRock® Capital Appreciation V.I. Class III, BlackRock Global Allocation V.I. Class III, BlackRock iShares® Dynamic Allocation V.I. Class I, Fidelity VIP Contrafund® Service Class 2, Fidelity VIP FundsManager® 60% Service Class 2, Fidelity VIP Government Money Market Service Class, Fidelity VIP Strategic Income Service Class 2, First Trust Dorsey Wright Tactical Core Class I, First Trust/Dow Jones Dividend & Income Allocation Class I, First Trust Multi Income Allocation Class I, Franklin Founding Funds Allocation VIP Class 2, Franklin Founding Funds Allocation VIP Class 4, Franklin Income VIP Class 2, Franklin Mutual Global Discovery VIP Class 2, Franklin Rising Dividends VIP Class 2, Templeton Global Bond VIP Class 2, Ivy VIP Asset Strategy Class II, Ivy VIP Energy Class II, Janus Henderson Balanced Service Shares, Janus Henderson Flexible Bond Service Shares, JPMorgan Insurance Trust Global Allocation Class 2, JPMorgan Insurance Trust Income Builder Class 2, ClearBridge Variable Aggressive Growth - Class II, Lord Abnett Bond Debenture Class VC, Lord Abnett International Equity Class VC, Lord Abnett Total Return Class VC, MFS® Total Return Series - Service Class, MFS Utilities Series - Service Class, MFS Value Series - Service Class, MFS Massachusetts Investors Growth Stock - Service Class, Neuberger Berman U.S. Equity Index PutWrite Strategy Class S, Oppenheimer Global Fund/VA Service Shares, Oppenheimer International Growth Fund/VA Service Shares, PIMCO All Asset All Authority - Advisor Class, PIMCO CommodityRealReturn® Strategy - Advisor Class, Schwab VIT Balanced, Schwab VIT Balanced with Growth, Schwab VIT Growth, State Street Total Return V.I.S. Class 3 and VanEck VIP Global Hard Assets Class S, (collectively, the "Variable Accounts") including the schedules of investments as of December 31, 2018; the related statements of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended for Diversified Bond, Floating Rate Income, Floating Rate Loan, High Yield Bond, Inflation Managed, Inflation Strategy, Managed Bond, Short Duration Bond, Emerging Markets Debt, Comstock, Developing Growth, Dividend Growth, Equity Index, Focused Growth, Growth, Large-Cap Growth, Large-Cap Value, Main Street Core, Mid-Cap Equity, Mid-Cap Growth, Mid-Cap Value, Small-Cap Equity, Small-Cap Index, Small-Cap Value, Value Advantage, Emerging Markets, International Large-Cap, International Small-Cap, International Value, Health Sciences, Real Estate, Technology, Currency Strategies, Global Absolute Return, Pacific Dynamix - Conservative Growth, Pacific Dynamix - Moderate Growth, Pacific Dynamix - Growth, Portfolio Optimization Conservative, Portfolio Optimization Moderate-Conservative, Portfolio Optimization Moderate, Portfolio Optimization Growth, Portfolio Optimization Aggressive-Growth, Invesco V.I. Balanced-Risk Allocation Series II, American Century VP Mid Cap Value Class II, American Funds IS Global Growth Class 4, American Funds IS Managed Risk Asset Allocation Class P2, American Funds IS New World Fund Class 4, American Funds IS U.S. Government/AAA-Rated Securities Class 4, BlackRock Capital Appreciation V.I. Class III, BlackRock Global Allocation V.I. Class III, Fidelity VIP Contrafund Service Class 2, Fidelity VIP Funds Manager 60% Service Class 2, Fidelity VIP Strategic Income Service Class 2, First Trust/Dow Jones Dividend & Income Allocation Class I, Franklin Founding Funds Allocation VIP Class 2, Franklin Founding Funds Allocation VIP Class 4, Franklin Mutual Global Discovery VIP Class 2, Franklin Rising Dividends VIP Class 2, Templeton Global Bond VIP Class 2, Janus Henderson Balanced Service Shares, Lord Abnett Bond Debenture Class VC, Lord Abnett International Equity Class VC, Lord Abnett Total Return Class VC, MFS Total Return Series - Service Class, MFS Utilities Series - Service Class, MFS Value Series - Service Class, PIMCO CommodityRealReturn Strategy - Advisor Class, Schwab VIT Balanced, Schwab VIT Balanced with Growth, Schwab VIT Growth, State Street Total Return V.I.S. Class 3 and VanEck VIP Global Hard Assets Class S; the related statements of operations, changes in net assets, and the financial highlights for the periods indicated in the table below for Core Income, Diversified Alternatives, Equity Long/Short, PSF DFA Balanced Allocation, Invesco V.I. Equity and

Income Series II, Invesco V.I. Global Real Estate Series II, American Funds IS Asset Allocation Class 4, American Funds IS Blue Chip Income and Growth Class 4, American Funds IS Bond Class 4, American Funds IS Capital Income Builder Class 4, American Funds IS Global Balanced Class 4, American Funds IS Global Bond Class 4, American Funds IS Global Growth and Income Class 4, American Funds IS Global Small Capitalization Class 4, American Funds IS Growth Class 4, American Funds IS Growth-Income Class 4, American Funds IS High-Income Bond Class 4, American Funds IS International Class 4, American Funds IS International Growth and Income Class 4, BlackRock iShares Dynamic Allocation V.I. Class I, Fidelity VIP Government Money Market Service Class, First Trust Dorsey Wright Tactical Core Class I, First Trust Multi Income Allocation Class I, Franklin Income VIP Class 2 , Ivy VIP Asset Strategy Class II, Ivy VIP Energy Class II, Janus Henderson Flexible Bond Service Shares, JPMorgan Insurance Trust Global Allocation Class 2 , JPMorgan Insurance Trust Income Builder Class 2, ClearBridge Variable Aggressive Growth - Class II, MFS Massachusetts Investors Growth Stock - Service Class , Neuberger Berman U.S. Equity Index PutWrite Strategy Class S, Oppenheimer Global Fund/VA Service Shares, Oppenheimer International Growth Fund/VA Service Shares and PIMCO All Asset All Authority - Advisor Class; and the related notes. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of each of the Variable Accounts constituting the Separate Account A of Pacific Life & Annuity Company as of December 31, 2018, and the results of their operations for the year then ended (or for the period listed in the table below), the changes in their net assets for each of the two years in the period then ended (or for the period listed in the table below), and the financial highlights for each of the five years in the period then ended (or for the period listed in the table below), in conformity with accounting principles generally accepted in the United States of America.

Variable Account comprising the Separate Account	Statement of Operations	Statement of Changes in Net Assets	Financial Highlights
Core Income	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from August 6, 2015 (commencement of operations) through December 31, 2015
Diversified Alternatives	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017 and the period from June 27, 2016 (commencement of operations) through December 31, 2016
Equity Long/Short	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from July 15, 2015 (commencement of operations) through December 31, 2015
PSF DFA Balanced Allocation	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018 and 2017 and the period from July 7, 2016 (commencement of operations) through December 31, 2016
Invesco V.I. Equity and Income Series II	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 18, 2014 (commencement of operations) through December 31, 2014
Invesco V.I. Global Real Estate Series II	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from June 1, 2015 (commencement of operations) through December 31, 2015
American Funds IS Asset Allocation Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 20, 2014 (commencement of operations) through December 31, 2014
American Funds IS Blue Chip Income and Growth Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from December 28, 2015 (commencement of operations) through December 31, 2015
American Funds IS Bond Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017 and the period from February 3, 2016 (commencement of operations) through December 31, 2016
American Funds IS Capital Income Builder® Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 20, 2014 (commencement of operations) through December 31, 2014
American Funds IS Global Balanced Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from December 30, 2015 (commencement of operations) through December 31, 2015
American Funds IS Global Bond Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018 and 2017 and the period from March 7, 2016 (commencement of operations) through December 31, 2016
American Funds IS Global Growth and Income Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from November 10, 2015 (commencement of operations) through December 31, 2015

Variable Account comprising the Separate Account	Statement of Operations	Statement of Changes in Net Assets	Financial Highlights
American Funds IS Global Small Capitalization Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from December 9, 2015 (commencement of operations) through December 31, 2015
American Funds IS Growth Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from July 25, 2014 (commencement of operations) through December 31, 2014
American Funds IS Growth-Income Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from September 9, 2015 (commencement of operations) through December 31, 2015
American Funds IS High-Income Bond Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from December 24, 2015 (commencement of operations) through December 31, 2015
American Funds IS International Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 17, 2014 (commencement of operations) through December 31, 2014
American Funds IS International Growth and Income Class 4	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from February 18, 2014 (commencement of operations) through December 31, 2014
BlackRock iShares® Dynamic Allocation V.I. Class I	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 19, 2014 (commencement of operations) through December 31, 2014
Fidelity VIP Government Money Market Service Class	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from April 30, 2014 (commencement of operations) through December 31, 2014
First Trust Dorsey Wright Tactical Core Class I	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from November 5, 2015 (commencement of operations) through December 31, 2015
First Trust Multi Income Allocation Class I	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from July 8, 2014 (commencement of operations) through December 31, 2014
Franklin Income VIP Class 2	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from May 11, 2015 (commencement of operations) through December 31, 2015
Ivy VIP Asset Strategy Class II	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from May 19, 2014 (commencement of operations) through December 31, 2014
Ivy VIP Energy Class II	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from June 19, 2015 (commencement of operations) through December 31, 2015
Janus Henderson Flexible Bond Service Shares	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from July 21, 2014 (commencement of operations) through December 31, 2014
JPMorgan Insurance Trust Global Allocation Class 2	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from May 14, 2015 (commencement of operations) through December 31, 2015
JPMorgan Insurance Trust Income Builder Class 2	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from June 24, 2015 (commencement of operations) through December 31, 2015
ClearBridge Variable Aggressive Growth - Class II	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from November 10, 2015 (commencement of operations) through December 31, 2015
MFS Massachusetts Investors Growth Stock - Service Class	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from March 27, 2015 (commencement of operations) through December 31, 2015

Variable Account comprising the Separate Account	Statement of Operations	Statement of Changes in Net Assets	Financial Highlights
Neuberger Berman U.S. Equity Index PutWrite Strategy Class S	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017 and the period from March 22, 2016 (commencement of operations) through December 31, 2016
Oppenheimer Global Fund/VA Service Shares	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016 and the period from November 3, 2015 (commencement of operations) through December 31, 2015
Oppenheimer International Growth Fund/VA Service Shares	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018 and 2017 and the period from March 18, 2016 (commencement of operations) through December 31, 2016
PIMCO All Asset All Authority - Advisor Class	For the year ended December 31, 2018	For the years ended December 31, 2018 and 2017	For the years ended December 31, 2018, 2017, 2016, 2015 and the period from June 19, 2014 (commencement of operations) through December 31, 2014

Basis for Opinion

These financial statements and financial highlights are the responsibility of the Separate Account's management. Our responsibility is to express an opinion on the Separate Account's financial statements and financial highlights based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Separate Account in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement, whether due to error or fraud. The Separate Account is not required to have, nor were we engaged to perform, an audit of their internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Separate Account's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements and financial highlights, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements and financial highlights. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements and financial highlights. Our procedures included confirmation of investments owned as of December 31, 2018, by correspondence with the transfer agents. We believe that our audits provide a reasonable basis for our opinion.

Deloitte & Touche LLP

Costa Mesa, California
February 25, 2019

We have served as the auditor of Separate Account A of Pacific Life & Annuity Company since 2002.

Pacific Life & Annuity Company

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