

PORTFOLIO PERFORMANCE

for Investment Options Available with a Pacific Choice® 2 Variable Annuity Optional Living Benefit

All investment options listed are eligible with Investment Guard. * Represent investment options eligible with Core Income Advantage Select.

ALTERNATIVE STRATEGIES	Net Fund Expense (%)	Inception Date	Nonstandardized Performance ¹					Standardized Performance ²				
			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
JPMorgan Hedged Equity*	0.90	5/3/21	-8.95	-8.88	-	-	-2.84	-15.25	-15.18	-	-	-6.76
Neuberger Berman U.S. Equity Index PutWrite Strategy Portfolio	1.06	5/1/14	-12.25	-12.25	3.17	2.87	1.12	-18.55	-18.55	1.45	2.38	1.12
ASSET ALLOCATION/BALANCED FUNDS												
American Funds ® IS Asset Allocation Fund SM *	0.80	8/1/89	-14.61	-14.73	2.50	3.91	5.5	-20.91	-21.03	0.76	3.44	5.50
American Funds ® IS Capital Income Builder Fund SM	0.77	5/1/14	-8.39	-8.24	2.38	2.69	2.67	-14.69	-14.54	0.63	2.20	2.67
American Funds ® IS Global Balanced Fund SM	1.01	5/2/11	-15.66	-15.61	0.15	2.00	3.66	-21.96	-21.91	-1.67	1.50	3.66
American Funds ® IS Managed Risk Asset Allocation Fund SM *	0.90	9/28/12	-14.91	-15.03	-0.26	1.71	4.51	-21.21	-21.33	-2.10	1.20	4.51
Avantis Balanced Allocation*	0.64	5/2/16	-15.92	-15.94	1.26	2.65	4.41	-22.22	-22.24	-0.53	2.16	4.41
BlackRock 60/40 Target Allocation ETF V.I. Fund	0.38	3/31/95	-16.99	-16.99	1.51	2.12	5.30	-22.05	-22.06	0.17	3.15	3.68
BlackRock Global Allocation V.I. Fund	1.00	5/1/14	-15.75	-15.76	1.93	3.62	3.68	-23.29	-23.29	-0.27	1.62	5.30
Delaware Ivy VIP Asset Strategy*	0.87	5/1/95	-15.67	-15.69	1.25	3.17	3.24	-21.97	-21.99	-0.54	2.69	3.24

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PACIFIC LIFE PORTFOLIO PERFORMANCE (cont)

for Investment Options Available with a Pacific Choice® 2 Variable Annuity Optional Living Benefit as of 12/31/22

ASSET ALLOCATION/BALANCED FUNDS	Net Fund Expense (%)	Inception Date	Nonstandardized Performance ¹					Standardized Performance ²				
			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
Fidelity ® VIP FundsManager® 60%*	0.90	8/22/07	-16.18	-16.18	1.94	3.06	3.97	-22.48	-22.48	0.18	2.58	3.97
First Trust/Dorsey Wright Tactical Core Portfolio*	1.30	10/30/15	-17.96	-17.96	0.59	2.00	3.41	-24.26	-24.26	-1.23	1.50	3.41
First Trust Multi Income Allocation Portfolio	1.16	5/1/12	-17.96	-17.96	0.59	2.00	3.41	-14.83	-14.61	-0.60	1.87	2.76
First Trust/Dow Jones Dividend & Income Allocation Portfolio*	1.19	5/1/14	-13.16	-13.01	0.92	2.92	5.57	-19.46	-19.31	-0.88	2.43	5.57
Franklin Allocation VIP Fund*	0.92	7/2/07	-17.11	-17.11	0.35	1.34	2.14	-23.41	-1.47	0.82	4.38	2.14
Franklin Income VIP Fund	0.72	12/31/91	-6.51	-6.40	2.49	3.16	5.73	-12.7	0.75	2.68	4.42	5.73
Invesco V.I. Balanced-Risk Allocation Fund*	1.13	1/23/09	-15.45	-15.61	-0.36	0.83	5.21	-21.91	-2.20	0.30	2.19	5.21
Invesco V.I. Equity and Income Fund	0.80	4/30/03	-8.72	-8.77	5.09	4.19	6.39	-15.07	3.44	3.73	7.05	6.39
Janus Henderson VIT Balanced Portfolio*	0.86	9/13/93	-17.53	-17.67	2.47	5.26	7.75	-23.97	0.73	4.81	7.07	7.75
JPMorgan Insurance Trust Global Allocation Portfolio	1.19	12/9/14	-18.72	-18.72	0.14	1.38	2.92	-25.02	-1.69	0.87	-	2.92
JPMorgan Insurance Trust Income Builder Portfolio	0.89	12/9/14	-13.46	-13.39	-1.19	0.48	1.94	-19.69	-3.07	-0.05	-	1.94
MFS ® Total Return Series*	0.86	1/3/95	-10.82	-10.79	2.86	3.76	6.28	-17.09	1.13	3.29	5.98	6.28
PIMCO VIT All Asset Portfolio	1.34	4/30/03	-12.83	-12.83	2.18	1.99	4.08	-19.13	0.42	1.49	2.03	4.08
PLFA ESG Diversified*	0.82	5/3/21	-17.50	-17.56	-	-	-7.77	-23.86	-	-	-	-11.83
PLFA ESG Diversified Growth	0.80	11/1/21	-18.98	-19.05	-	-	-16.3	-25.35	-	-	-	-21.91
PLFA Pacific Dynamix Conservative-Growth*	0.59	5/1/09	-15.31	-15.34	-0.34	1.45	4.64	-21.64	-2.19	0.94	3.21	4.64
PLFA Pacific Dynamix Moderate-Growth*	0.59	5/1/09	-16.61	-16.67	1.15	2.59	6.22	-22.97	-0.64	2.10	4.77	6.22

¹Nonstandardized reflects performance after the deduction of product fees. Withdrawal charges, if deducted, would further reduce performance.

²Standardized reflects performance after the deduction of all product fees and withdrawal charges. Withdrawal charges, which apply to each investment (purchase payment): age 1, 7%; age 2, 7%; age 3, 6%; age 4, 5%; age 5, 3%; age 6, 0%.

PACIFIC LIFE PORTFOLIO PERFORMANCE (cont)

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ASSET ALLOCATION/BALANCED FUNDS	Net Fund Expense (%)	Inception Date	Nonstandardized Performance ¹					Standardized Performance ²				
			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
PLFA Pacific Dynamix Growth	0.59	5/1/09	-17.60	-17.67	2.25	3.54	7.70	-23.97	0.50	3.06	6.27	7.7
PLFA Portfolio Optimization Conservative*	0.82	5/2/11	-14.61	-14.60	-2.72	-0.47	1.60	-20.9	-4.66	-1.03	1.15	1.60
PLFA Portfolio Optimization Moderate-Conservative*	0.86	5/2/11	-15.83	-15.84	-1.27	0.61	2.75	-22.14	-3.15	0.08	2.66	2.75
PLFA Portfolio Optimization Moderate*	0.87	5/2/11	-16.64	-16.66	-0.12	1.52	3.71	-22.96	-1.96	1.00	3.99	3.71
PLFA Portfolio Optimization Growth	0.91	5/2/11	-17.79	-17.83	0.89	2.30	4.61	-24.13	-0.91	1.80	5.26	4.61
PLFA Portfolio Optimization Aggressive-Growth	0.96	5/2/11	-18.41	-18.46	1.33	2.64	5.00	-24.76	-0.46	2.15	5.97	5.00
State Street Total Return V.I.S. Fund*	0.92	7/1/85	-17.63	-17.68	-1.05	0.44	6.43	-23.98	-2.93	-0.10	3.56	6.43
U.S. FIXED-INCOME FUNDS												
American Funds ® IS The Bond Fund of America SM	0.70	1/2/96	-10.52	-10.44	0.64	1.75	6.46	-20.00	-20.00	-4.82	-1.15	2.40
American Funds ® IS US Government Securities Fund SM	0.72	12/2/85	-13.70	-13.70	-2.87	-0.59	2.40	-18.47	-18.39	-4.57	-1.48	2.07
Fidelity ® VIP Government Money Market Portfolio	0.33	4/1/82	-12.17	-12.09	-2.64	-0.91	2.07	-6.04	-6.05	-2.40	-0.63	0.83
Fidelity ® VIP Strategic Income	0.91	12/23/03	0.26	0.25	-0.55	-0.08	0.83	-18.79	-18.71	-3.60	-0.57	3.32
Janus Henderson VIT Flexible Bond	0.82	9/13/93	-12.49	-12.41	-1.70	-0.02	3.32	-21.14	-21.14	-5.2	-1.41	3.89
JPMorgan Intermediate Bond	0.63	10/21/20	-14.84	-14.84	-3.23	-0.85	3.89	-20.23	-20.21	-	-	-10.00
Lord Abbett Total Return Portfolio VC	0.71	4/30/10	-14.99	-14.89	-3.82	-1.33	1.33	-21.29	-21.19	-5.81	-1.90	1.33
Pacific Asset Management Core Income	0.74	5/1/15	-13.36	-13.34	-2.63	-0.32	0.34	-19.66	-19.64	-4.57	-0.87	0.34
Pacific Asset Management Floating Rate Income	0.91	5/1/13	-2.62	-2.59	1.44	1.99	2.08	-8.92	-8.89	-0.34	1.48	2.08
PIMCO Inflation Managed	0.67	8/28/92	-12.83	-12.91	0.11	0.87	3.82	-19.13	-19.21	-1.72	0.34	3.82

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PACIFIC LIFE PORTFOLIO PERFORMANCE (cont)

for Investment Options Available with a Pacific Choice® 2 Variable Annuity Optional Living Benefit as of 12/31/22

U.S. FIXED-INCOME FUNDS	Net Fund Expense (%)	Inception Date	Nonstandardized Performance ¹					Standardized Performance ²				
			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
PIMCO Managed Bond	0.62	8/28/92	-14.96	-14.93	-3.84	-1.23	3.98	-21.26	-21.23	-5.83	-1.81	3.98
PIMCO VIT Income Portfolio	0.92	4/29/16	-8.80	-8.70	-1.02	0.57	1.87	-15.10	-15.00	-2.90	0.04	1.87
T. Rowe Price Short Duration Bond	0.63	5/1/03	-5.62	-5.63	-1.58	-0.34	0.47	-11.92	-11.93	-3.48	-0.89	0.47
Western Asset Management Diversified Bond	0.64	5/1/06	-19.51	-19.42	-5.25	-1.46	1.92	-25.81	-25.72	-7.30	-2.04	1.92
NON-U.S. FIXED-INCOME FUNDS												
American Funds ® IS Capital World Bond Fund SM	1.00	10/4/06	-18.74	-18.60	-6.14	-3.08	0.80	-25.04	-24.90	-8.23	-3.70	0.80
Templeton Global Bond VIP Fund	0.76	12/31/91	-5.99	-6.06	-5.96	-3.38	3.89	-12.29	-12.36	-8.04	-4.01	3.89
U.S. EQUITY FUNDS												
AB Small-Cap Value	0.98	5/1/03	-25.04	-24.90	-8.23	-3.70	0.80	-24.02	-23.81	2.56	2.04	8.79
American Century Value	0.86	10/2/00	-12.29	-12.36	-8.04	-4.01	3.89	-7.92	-8.02	1.28	2.61	4.23
American Century VP Mid Cap Value	1.00	10/29/04	-13.93	-8.04	3.70	3.72	7.91	-8.76	-8.69	4.33	5.00	8.54
American Funds ® IS Growth Fund SM	0.85	2/8/84	-32.33	-27.33	11.33	10.41	10.08	-37.18	-37.66	6.19	9.27	10.07
American Funds ® IS Growth-Income Fund SM	0.79	2/8/84	-25.13	-19.05	3.69	5.45	7.82	-23.92	-24.11	2.56	5.95	8.03
American Funds ® IS Washington Mutual Investors Fund SM	0.77	7/5/01	-19.13	-9.81	6.05	4.75	4.82	-15.98	-15.99	5.42	5.24	5.30
BlackRock Equity Index	0.27	8/28/92	-24.61	-16.56	6.72	7.74	8.06	-25.5	-25.71	4.71	7.52	8.24
BlackRock Large-Cap Growth	0.89	1/2/01	-39.08	-35.50	2.71	7.01	2.71	-44.88	-45.22	-1.79	5.25	2.72
BlackRock Small-Cap Index	0.54	1/4/99	-26.02	-24.76	2.55	1.82	8.28	-28.03	-28.15	-0.30	1.89	8.44
Boston Partners Mid-Cap Value	0.93	1/2/09	-18.80	-12.75	4.11	3.86	9.18	-14.58	-14.42	4.85	4.99	9.96

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PACIFIC LIFE PORTFOLIO PERFORMANCE (cont)

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U.S. EQUITY FUNDS	Net Fund Expense (%)	Inception Date	Nonstandardized Performance ¹					Standardized Performance ²				
			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
ClearBridge Large-Cap Value	0.83	1/4/99	-7.65	-7.66	6.52	6.56	8.18	-13.95	-13.96	4.91	6.14	8.18
ClearBridge Variable Aggressive Growth Portfolio	1.08	11/1/99	-27.39	-27.79	-2.73	0.53	5.09	-33.69	-34.09	-4.68	-0.01	5.09
Delaware Mid-Cap Growth	0.90	1/2/01	-31.48	-31.66	5.58	9.75	5.44	-37.78	-37.96	3.94	9.38	5.44
Fidelity ® VIP Contrafund®	0.85	1/3/95	-27.29	-27.62	5.78	7.20	9.23	-33.59	-33.92	4.15	6.79	9.23
Franklin Rising Dividends VIP Fund	0.88	1/27/92	-11.55	-11.50	8.42	8.83	8.34	-17.85	-17.80	6.87	8.44	8.34
Franklin/BlackRock Small-Cap Equity	0.90	5/2/05	-13.87	-13.77	3.99	3.47	7.33	-20.17	-20.07	2.30	3.00	7.33
Janus Focused Growth	0.95	10/2/00	-34.52	-34.94	2.09	8.10	7.96	-40.82	-41.24	0.33	7.70	7.96
JPMorgan Large-Cap Core	0.67	8/28/92	-21.48	-21.65	3.87	5.92	6.89	-27.78	-27.95	2.17	5.49	6.89
JPMorgan Value Advantage	0.89	5/1/13	-5.11	-5.12	5.20	5.55	8.01	-11.41	-11.42	3.55	5.11	8.01
MFS ® Growth	0.77	1/3/94	-31.96	-32.35	2.70	8.38	9.02	-38.26	-38.65	0.96	7.99	9.02
Scout Investments Mid-Cap Equity	0.88	1/4/99	-18.16	-18.09	6.01	4.87	11.63	-36.99	-37.27	0.67	7.47	4.20
T. Rowe Price Dividend Growth	0.87	1/3/00	-11.47	-11.45	7.40	9.29	7.65	-24.46	-24.39	4.38	4.42	11.63
NON-U.S. EQUITY FUNDS												
American Funds ® IS Capital World Growth and Income Fund SM	0.92	5/1/06	-18.47	-18.43	-0.20	2.69	4.73	-24.77	-24.73	-2.04	2.20	4.73
American Funds ® IS Global Growth Fund SM	0.92	4/30/97	-25.74	-25.92	3.26	5.63	7.85	-32.04	-32.22	1.54	5.19	7.85
American Funds ® IS Global Small Capitalization Fund SM	1.15	4/30/98	-30.46	-30.46	-2.03	1.41	6.68	-36.76	-36.76	-3.94	0.90	6.68
American Funds ® IS International Fund SM	1.04	5/1/90	-21.88	-21.71	-5.06	-2.37	4.84	-28.18	-28.01	-7.10	-2.97	4.84
American Funds ® IS International Growth and Income Fund SM	1.03	11/18/08	-16.45	-16.23	-3.02	-0.75	5.23	-22.75	-22.53	-4.97	-1.31	5.23

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			YTD	1-Year	3-Year	5-Year	Since Inception	YTD	1-Year	3-Year	5-Year	Since Inclusion
American Funds ® IS New World Fund	1.07	6/17/99	-23.10	-22.96	-0.95	0.95	5.75	-29.40	-29.26	-2.82	0.43	5.75
ClearBridge International Growth	1.04	11/1/21	-22.40	-22.26	-	-	-21.03	-28.70	-28.56	-	-	-26.69
FIAM LLC International Small-Cap	1.09	5/1/06	-17.99	-17.61	-0.22	-1.97	1.99	-24.29	-23.91	-2.06	-2.56	1.99
Franklin Mutual Global Discovery VIP Fund	1.23	11/8/96	-5.79	-5.84	1.68	2.53	6.54	-12.09	-12.14	-0.10	2.03	6.54
Invesco Emerging Markets	1.05	4/1/96	-26.09	-26.15	-8.11	-3.40	4.60	-32.39	-32.45	-10.30	-4.03	4.60
Invesco V.I. Global Fund	1.03	11/12/90	-32.68	-32.81	-1.08	1.47	6.49	-38.98	-39.11	-2.96	0.95	6.49
Invesco Oppenheimer V.I. International Growth Fund	1.25	5/13/92	-27.96	-27.96	-1.94	-1.11	5.04	-34.26	-34.26	-3.85	-1.68	5.04
MFS ® International Large-Cap	0.98	1/3/00	-16.12	-15.93	1.53	2.87	3.40	-22.42	-22.23	-0.25	2.38	3.40
Wellington International Value	0.90	8/28/92	-2.34	-2.00	2.33	0.70	2.86	-8.64	-8.30	0.58	0.17	2.86

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Pacific Choice 2 is not available in New York.

Performance data quoted represents past performance, which does not guarantee future results. Current performance may be lower or higher than the performance quoted. The investment return and principal value of an investment will fluctuate so that shares, when redeemed, may be worth more or less than the original cost. Visit PacificLife.com for returns as of the most recent month-end.

These returns are based on a sample \$100,000 Pacific Choice 2 variable annuity contract allocated to the respective investment portfolio. Annualized charges deducted were 0.85% mortality and expense risk charge (contract value death benefit) and 0.25% administrative charge; \$50 contract fee waived since net contract value \geq \$50,000 on contract anniversary. Optional rider charges, if deducted, would further reduce performance. Your actual performance may vary. The inclusion date is when the investment option was first available in a Pacific Life variable product. The inception date is when the fund became available from the investment manager and may predate when the investment option was available in the Pacific Life variable product.

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This material must be preceded or accompanied by the product prospectus. Contact your financial professional or visit PacificLife.com for more information, including product and underlying fund prospectuses that contain more complete information about Pacific Life and a variable annuity's risks, charges, limitations, and expenses, as well as the risks, charges, expenses, and investment goals of the underlying investment options. Read them carefully before investing.

Net expense ratios are as of the most recent fund prospectus (adjusted for any fee waivers/reimbursements). For more information, including the gross expense ratios, waivers, and/or expense reimbursements, see the applicable fund prospectus. Expenses are subject to change, and there is no guarantee that the investment adviser will continue to waive and/or reimburse fund fees beyond their current terms as outlined in each fund prospectus. In addition, please refer to the variable annuity product prospectus for additional product fees and charges.

Core Income Advantage Select is named "Guaranteed Withdrawal Benefit X Rider—Single Life" and "Guaranteed Withdrawal Benefit X Rider—Joint Life" in the contract rider.

Investment Guard is named "Guaranteed Minimum Accumulation Benefit" in the contract rider.

Although some funds may have names or investment goals that resemble retail mutual funds managed by the same money manager, these funds may not have the same underlying holdings or performance as the retail mutual funds. Investment results may be higher or lower.

Pacific Life and Pacific Select Distributors, LLC, are not affiliated with American Funds Distributors, Inc., BlackRock Distributors, Inc., Delaware Distributors, L.P., Fidelity Distributors Company LLC, First Trust Portfolios L.P., Franklin Templeton Distributors, Inc., Invesco Distributors, Inc., Janus Henderson Distributors LLC, MFS Fund Distributors, Inc., State Street Global Markets, LLC, Dimensional Fund Advisors LP, Milliman Financial Risk Management, and Morningstar Investment Management LLC, or the products each distributes (where applicable).

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Pacific Life Fund Advisors LLC (PLFA), a wholly owned subsidiary of Pacific Life Insurance Company, is the investment adviser to the Pacific Select Fund (PSF). PLFA directly manages the PSF funds-of-funds.

Insurance product and rider guarantees, including optional benefits and any fixed crediting rates or annuity payout rates, are backed by the financial strength and claims-paying ability of the issuing insurance company and do not protect the value of the variable investment options. They are not backed by the broker/dealer from which this annuity is purchased, by the insurance agency from which this annuity is purchased, or any affiliates of those entities, and none makes any representations or guarantees regarding the claims-paying ability of the issuing insurance company.

Pacific Life Insurance Company (Newport Beach, CA) is licensed to issue insurance products in all states except New York. Product availability and features may vary by state.

Contract Form Series: ICC12:10-1352

Rider Series: ICC13:20-1258, ICC13:20-1259, ICC22:20-1356-A, ICC22:20-1357-A, ICC22:20-1358-A, ICC22:20-1359-A, ICC22:20-1360-A, ICC22:20-1361-A

State variations to contract form series and rider series may apply.

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