

Summary Prospectus – April 28, 2014

JNL/Mellon Capital JNL Optimized 5 Fund Class A and B

Before you invest, you may want to review the Fund’s Prospectus, which contains more information about the Fund and its risks. You can find the Fund’s Prospectus and other information about the Fund, including the Statement of Additional Information (“SAI”) and most recent reports to shareholders, online at <http://hosted.rightprospectus.com/Jackson/JNLVariableFundLLC>. You can also get this information at no cost by calling 1-800-644-4565 (Annuity and Life Service Center), 1-800-599-5651 (NY Annuity and Life Service Center), 1-800-777-7779 (for contracts purchased through a bank or financial institution) or 1-888-464-7779 (for NY contracts purchased through a bank or financial institution), or by sending an email request to ProspectusRequest@jackson.com. The current Prospectus and SAI, both dated April 28, 2014, are incorporated by reference into (which means they legally are a part of) this Summary Prospectus.

Investment Objective. The investment objective of the Fund is capital appreciation.

Expenses. This table describes the fees and expenses that you may pay if you buy and hold shares of the Fund.

The expenses do not reflect the expenses of the variable insurance contracts or the separate account, whichever may be applicable, and the total expenses would be higher if they were included.

**Shareholder Fees
(fees paid directly from your investment)**

Not Applicable

Annual Fund Operating Expenses (Expenses that you pay each year as a percentage of the value of your investment)	
	Class A
Management Fee	0.29%
Distribution and/or Service (12b-1) Fees	0.20%
Other Expenses ¹	0.19%
Total Annual Fund Operating Expenses	0.68%

Annual Fund Operating Expenses (Expenses that you pay each year as a percentage of the value of your investment)	
	Class B
Management Fee	0.29%
Distribution and/or Service (12b-1) Fees	0.00%
Other Expenses ¹	0.19%
Total Annual Fund Operating Expenses	0.48%

¹ “Other Expenses” include an Administrative Fee of 0.15% which is payable to Jackson National Asset Management, LLC (“JNAM” or “Adviser”).

Expense Example. This example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. Also, this example does not reflect the expenses of the variable insurance contracts or the separate account, whichever may be applicable, and the total expenses would be higher if they were included. The table below shows the expenses you would pay on a \$10,000 investment, assuming (1) 5% annual return and (2) redemption at the end of each time period. The example also assumes that the Fund operating expenses remain the same. Although your actual costs may be higher or lower, based on these

assumptions, your costs would be:

Class A			
1 year	3 years	5 years	10 years
\$69	\$218	\$379	\$847

Class B			
1 year	3 years	5 years	10 years
\$49	\$154	\$269	\$604

Portfolio Turnover (% of average value of portfolio). The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual fund operating expenses or in the expense example, affect the Fund’s performance.

Period	Class A
1/1/2013 – 12/31/2013	65%

Period	Class B
1/1/2013 – 12/31/2013	65%

Principal Investment Strategies. The Fund seeks to achieve its objective by investing in the common stocks of companies that are identified by a model based on five separate specialized strategies:

- 25% in the Nasdaq[®] 25 Strategy;
- 25% in the Value Line[®] 30 Strategy;
- 24% in the European 30 Strategy;
- 14% in the Global 15 Strategy; and
- 12% in the 25 Strategy.

Each of these strategies above is the same as the principal investment strategy of the similarly named Fund or strategy described in the statutory prospectus. The Nasdaq[®] 25 Strategy invests in the common stocks of 25 companies that are expected to have a potential for capital appreciation and are selected from stocks included in the Nasdaq-100 Index[®]. The Value Line[®] 30 Strategy invests in the common stocks of 30 companies that Value Line gives a #1 ranking for “Timeliness[™],” which reflects Value Line’s view of companies’ probable price performance during the next six months relative to the other stocks ranked by Value Line[®]. The European 30 Strategy invests in the common stocks of 30

companies that may be out of favor or undervalued and are selected from the MSCI Europe Index. The Global 15 Strategy invests in the common stocks of certain dividend-paying companies which are components of the Dow Jones Industrial Average, the Financial Times Ordinary Index and the Hang Seng Index. The 25 Strategy invests in the common stocks of 25 dividend-paying companies selected from a subset of the stocks listed on the New York Stock Exchange.

While each of these specialized strategies seeks to provide an above average total return or capital appreciation, each specialized strategy follows a different principal investment strategy. The allocation is intended to optimize each strategy.

The securities for each strategy are selected only once annually on each Stock Selection Date. The Stock Selection Date will be on or about January 1 of each year.

The Sub-Adviser generally uses a buy and hold strategy, trading only around each Stock Selection Date, when cash flow activity occurs, and for dividend reinvestment. The Sub-Adviser may also trade for mergers if the original stock is not the surviving company.

The Fund is “non-diversified” under the 1940 Act, as amended, and may invest more of its assets in fewer issuers than “diversified” mutual funds.

Principal Risks of Investing in the Fund. An investment in the Fund is not guaranteed. As with any mutual fund, the value of the Fund’s shares will change, and you could lose money by investing in the Fund.

- *Foreign regulatory risk* – The Adviser is an indirect wholly-owned subsidiary of Prudential plc, a publicly traded company incorporated in the United Kingdom and is not affiliated in any manner with Prudential Financial Inc., a company whose principal place of business is in the United States of America. Through its ownership structure, the Adviser has a number of global financial industry affiliated entities. As a result of this structure, and the asset management and financial industry business activities of the Adviser and its affiliates, the Adviser and the Fund may be prohibited or limited in effecting

Performance. The information provides some indication of the risks of investing in the Fund by showing changes in the Fund’s performance from year to year and by showing how the Fund’s average annual returns compared with those of a broad measure of market performance. The Fund’s past performance is not necessarily an indication of how the Fund will perform in the future.

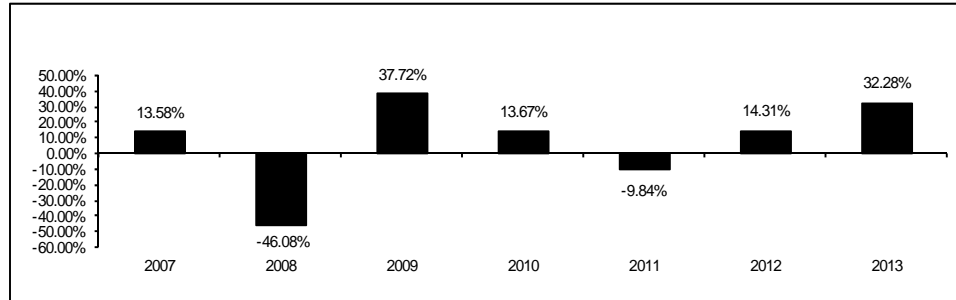
The returns shown in the bar chart and table do not include charges that will be imposed by variable insurance products. If these amounts were reflected, returns would be less than those shown.

transactions in certain securities. The Adviser and the Fund may encounter trading limitations or restrictions because of aggregation issues or other foreign regulatory requirements. Foreign regulators or foreign laws may impose position limits on securities held by the Fund, and the Fund may be limited as to which securities it may purchase or sell, as well as the timing of such purchases or sales. These foreign regulatory limits may increase the Fund’s expenses and may limit the Fund’s performance.

- *Foreign securities risk* – Investments in foreign securities involve risks not typically associated with U.S. investments. These risks include, among others, adverse fluctuations in foreign currency values as well as adverse political, social and economic developments and possible imposition of foreign withholding taxes on income payable on the securities. In addition, there may be less publicly available information and more volatile or less liquid markets and foreign issuers may not be subject to the same accounting, auditing and financial recordkeeping standards and requirements as domestic issuers.
- *Limited management, trading cost and rebalance risk* – Investing according to specific, mechanical criteria applied on a specific date each year may prevent a Fund from responding to market fluctuations or changes in the financial condition or business prospects of the selected companies during the year.
- *Market risk* – All forms of securities may decline in value due to factors affecting securities markets generally, such as real or perceived adverse economic, political, or regulatory conditions, inflation, changes in interest or currency rates or adverse investor sentiment. Adverse market conditions may be prolonged and may not have the same impact on all types of securities. The values of securities may fall due to factors affecting a particular issuer, industry or the securities market as a whole.
- *Non-diversification risk* – The Fund is considered non-diversified. As such, the Fund may invest in a limited number of issuers. With a smaller number of different issuers, there is more risk than holding a larger number of issuers, since changes in the financial condition or market status of a single issuer may cause greater fluctuation of total return and share price of a non-diversified portfolio.

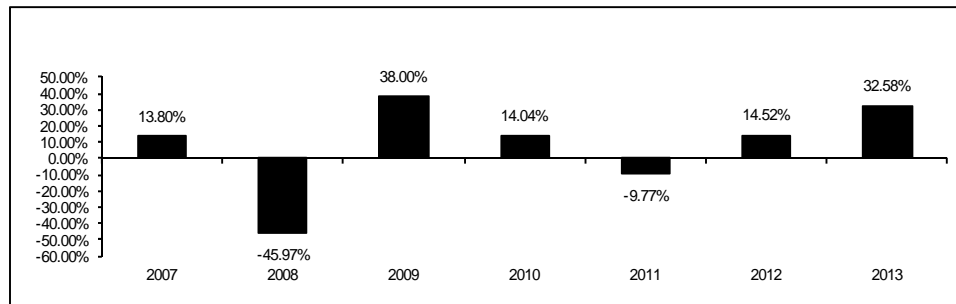
Annual Total Returns as of December 31

Class A



Best Quarter (ended 6/30/2009): 22.31%; Worst Quarter (ended 12/31/2008): -26.87%

Class B



Best Quarter (ended 6/30/2009): 22.20%; Worst Quarter (ended 12/31/2008): -26.87%

Average Annual Total Returns as of December 31, 2013

	1 year	5 year	Life of Fund (May 1, 2006)
JNL/Mellon Capital JNL Optimized 5 Fund (Class A)	32.28%	16.37%	4.64%
S&P 500 Index	32.39%	17.94%	6.91%

Average Annual Total Returns as of December 31, 2013

	1 year	5 year	Life of Class (May 1, 2006)
JNL/Mellon Capital JNL Optimized 5 Fund (Class B)	32.58%	16.61%	4.85%
S&P 500 Index	32.39%	17.94%	6.91%

Portfolio Management.

Investment Adviser:

Jackson National Asset Management, LLC

Sub-Adviser:

Mellon Capital Management Corporation

Portfolio Managers:

Name:	Joined Fund Management Team In:	Title:
Karen Q. Wong	2004	Portfolio Manager
Richard A. Brown	2004	Portfolio Manager
Thomas Durante	2010	Portfolio Manager

Purchase and Sale of Fund Shares

Only separate accounts, registered investment companies, and qualified and non-qualified plans of Jackson National Life Insurance Company ("Jackson") or Jackson National Life Insurance Company of New York ("Jackson NY") may purchase shares of the Fund. You may invest indirectly in the Fund through your purchase of a variable annuity or life contract issued by a separate account of Jackson or Jackson NY, or through a Jackson or Jackson NY fund of funds that invests in this Fund and directly through a qualified or

non-qualified plan. Any minimum initial or subsequent investment requirements and redemption procedures are governed by the applicable separate account, registered investment company or plan through which you invest indirectly.

This Fund serves as an underlying investment by insurance companies, affiliated investment companies, and retirement plans for funding variable insurance contracts and retirement plans.

Tax Information

Because the Fund's shareholders are the separate accounts, registered investment companies, and qualified and non-qualified plans of Jackson or Jackson NY, the tax treatment of dividends and distributions will depend on the tax status of Jackson or Jackson NY, the investment companies, and the qualified and non-qualified plans. Accordingly, no discussion is included about the Federal personal income tax consequences to you, the contract owner or plan participant. For this information, you should consult the prospectus of the appropriate separate account or description of the plan and read the discussion of the Federal income tax consequences to variable insurance contract owners and plan participants.

Payments to Financial Intermediaries

If you invest in the Fund under a variable insurance contract or a plan that offers a variable insurance contract as a plan option through a broker-dealer or other financial intermediary (such as a bank), the Fund and its related companies may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary's Website for more information.