



# The J.P. Morgan MOZAIC<sup>SM</sup> Index (USD)

An index designed to achieve consistent, steady growth in a variety of market environments

### A powerful combination for retirement

Nationwide has exclusively licensed the J.P. Morgan MOZAIC<sup>™</sup> Index (USD) for use in the Nationwide New Heights<sup>®</sup> fixed indexed annuities.<sup>1</sup> Nationwide has combined its industry-leading best practices, a commitment to putting people first and J.P. Morgan's index expertise to create one of the most innovative retirement products in the industry.

**Nationwide** is a U.S.-based, Fortune 100 company with a strong and stable financial foundation.2 One of the largest insurance companies in the industry, Nationwide brings a rich history of disciplined investing dating back more than 85 years.

**J.P. Morgan** is a global leader in investment banking and financial services with a proven track record of award-winning index design. J.P. Morgan leverages its deep expertise and best-in-class infrastructure to provide both retail and institutional investors with indices based on their various objectives.

## A new opportunity for growth

The J.P. Morgan MOZAIC<sup>sM</sup> Index (the Index) utilizes some of the same investment philosophies used by the largest institutional investors seeking positive returns in both good and bad market environments. With an established track record of generating consistent returns while managing volatility, the Index is founded upon three core principles:

#### Broad diversification

The Index utilizes a diversified group of asset classes including equities, fixed income and commodities to provide greater opportunities for growth than a single asset class

#### Positive momentum

Each month, the Index selects asset classes with the strongest positive momentum to capitalize on proven and persistent performance

#### Volatility smoothing

The Index proactively rebalances the selected asset classes each month to provide a more stable return

J.P. Morgan, one of the world's leading financial services firms, designed and launched the Index in 2009 to provide a diversified asset allocation with the opportunity to perform in growing and shrinking markets.

<sup>&</sup>lt;sup>1</sup> Fixed indexed annuities are not an investment and do not directly invest in the stock market or any index.

<sup>&</sup>lt;sup>2</sup> Based on revenue, Fortune (June 2014)

### The benefit of a broadly diversified approach

A diversified asset selection strategy provides opportunities for growth through both traditional and alternative asset classes. The J.P. Morgan MOZAIC Index's diversification strategy leverages three essential elements:

- Global opportunities leveraging three of the world's most established markets
- Multiple asset classes across equities, fixed income and commodities
- Non-correlated asset classes including commodities such as precious metals and energy provide additional growth opportunities beyond traditional equity and fixed income options

The Index's 12 asset classes create the flexibility to adapt to a variety of market conditions and help contribute to the Index's consistent positive returns.

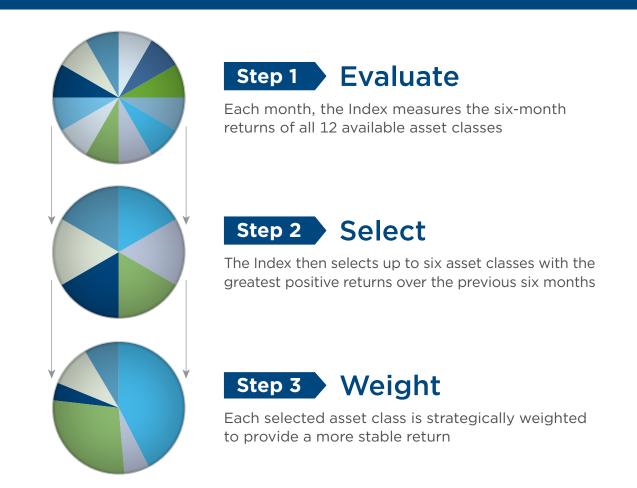


The Index cannot be invested into directly, and past performance is not indicative of future results.

### Harnessing positive momentum

The J.P. Morgan MOZAIC Index's asset selection is based on the historic tendency for asset classes exhibiting positive recent returns to be more likely to continue to deliver performance. Each month the Index chooses up to six asset classes exhibiting the greatest positive returns and strategically allocates to each in order to smooth volatility within the index and create more consistent returns.

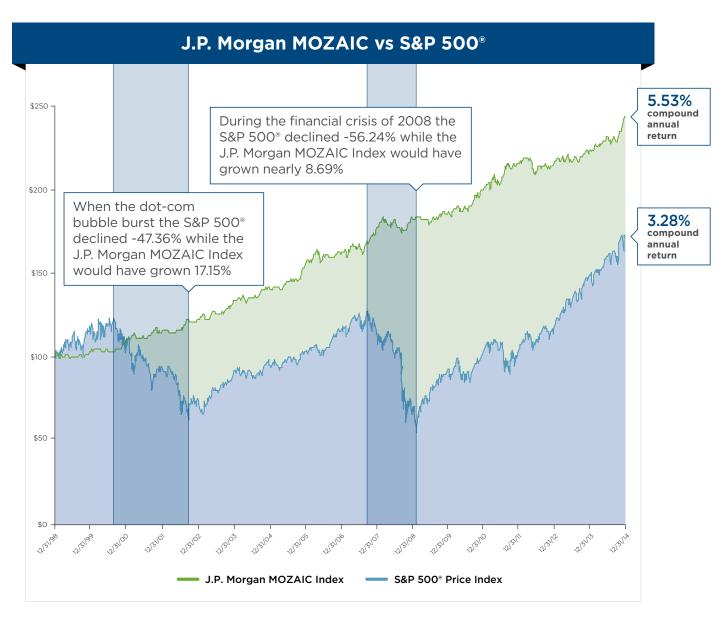
### Monthly rebalancing generates strong growth opportunities



"Stop-loss" feature: Asset classes are evaluated, selected and weighted monthly. If on any day the overall index's weekly return is less than -3%, all allocations are removed for one week (the index is effectively uninvested). After one week, the Index re-establishes allocations based on the monthly selection and weighting described above. To the extent the week following the triggering of the "stop-loss" feature sees an additional 3% decline, allocations will be removed for an additional week. This may reduce the risk of potential short-term loss in the index during a period of significant market distress, but may also cause the index to miss a potential recovery in the underlying asset classes.

## Smoothing volatility to create stable returns

The J.P. Morgan MOZAIC Index generated steady, positive growth through a variety of market environments due in part to a monthly allocation process that adapts to market changes and mitigates potential risks. The graph below shows actual and back-tested performance in which the index experienced a 69% higher compound annual return than the S&P 500® with 79% less volatility.



Note: The J.P. Morgan MOZAIC Index was established on April 17, 2009. Performance shown before this date is back-tested by applying the index strategy to historical financial data. Back-tested performance is hypothetical and has been provided for informational purposes only. The S&P 500\* Price Index results are actual performance for the full period. Past performance is not indicative of nor does it guarantee future performance. The hypothetical data above does not take index fees or transaction costs into account.

## Seeking consistent positive returns in uncertain times

Leveraging broad diversification, positive momentum and volatility smoothing, the J.P. Morgan MOZAIC Index back-tested performance demonstrated the ability to deliver positive returns during historical periods of decline for the S&P 500°. The chart below illustrates calendar year-end returns for the Index and the S&P 500°.

| _           |                                       |  |
|-------------|---------------------------------------|--|
| Date        | S&P 500° Price<br>Index annual growth | J.P. Morgan MOZAIC Index annual growth |
| 12/31/1999  | 19.53%                                | 3.04%                                  |
| 12/31/2000  | -10.14%                               | 5.23%                                  |
| 12/31/2001  | -13.04%                               | 4.90%                                  |
| 12/31/2002  | -23.37%                               | 7.18%                                  |
| 12/31/2003  | 26.38%                                | 8.06%                                  |
| 12/31/2004  | 8.99%                                 | 6.47%                                  |
| 12/31/2005  | 3.00%                                 | 8.34%                                  |
| 12/31/2006  | 13.62%                                | 6.39%                                  |
| 12/31/2007  | 3.53%                                 | 6.64%                                  |
| 12/31/2008  | -38.49%                               | 5.22%                                  |
| 12/31/2009  | 23.45%                                | 1.29%                                  |
| 12/31/2010  | 12.78%                                | 8.46%                                  |
| 12/31/2011  | 0.00%                                 | 7.48%                                  |
| 12/31/2012  | 13.41%                                | 0.13%                                  |
| 12/31/2013  | 29.60%                                | 4.21%                                  |
| 12/31/2014  | 11.39%                                | 5.92%                                  |
| Full Period | 3.28%                                 | 5.53%                                  |

From 2000 to 2002, the S&P 500® suffered significant losses each year, while **the Index would have provided consistent positive returns.** 

In 2008, the S&P 500° declined 38.49%. This same year the **Index would have produced a 5.22% positive return.** 

Consistent positive performance every year resulted in the J.P. Morgan MOZAIC Index outperforming the S&P 500°.

Note: The J.P. Morgan MOZAIC Index was established on April 17, 2009. Performance shown before this date is back-tested by applying the index strategy to historical financial data. Back-tested performance is hypothetical and has been provided for informational purposes only. The S&P 500\* Price Index results are actual performance for the full period. Past performance is not indicative of nor does it guarantee future performance. The hypothetical data above does not take index fees or transaction costs into account.



## Ask your financial professional how Nationwide New Heights and the J.P. Morgan MOZAIC Index can help you face retirement with confidence.



• Not a deposit • Not FDIC or NCUSIF insured • Not guaranteed by the institution • Not insured by any federal government agency • May lose value

Nationwide New Heights, an individual, single purchase payment, deferred fixed index annuity is issued by Nationwide Life and Annuity Insurance Company, Columbus, Ohio. Please note, the contract does not directly participate in the stock market or any index. Withdrawals are subject to income tax, and withdrawals before age 59½ may be subject to a 10% federal tax penalty.

Annuities have limitations. They are long-term vehicles designed for retirement purposes. They are not intended to replace emergency funds, to be used as income for day-to-day expenses or to fund short-term savings goals. Please read the contract for complete details.

#### Guarantees and protections are subject to the claims-paying ability of Nationwide Life and Annuity Insurance Company.

The J.P. Morgan MOZAIC<sup>SM</sup> Index (USD) ("JPMorgan Index") has been licensed to Nationwide Life and Annuity Insurance Company (the "Licensee") for the Licensee's benefit. Neither the Licensee nor Nationwide New Heights\* Fixed Indexed Annuity (the "Product") is sponsored, operated, endorsed, sold or promoted by J.P. Morgan Securities LLC ("JPMS") or any of its affiliates (together and individually, "JPMorgan"). JPMorgan makes no representation and no warranty, express or implied, to investors in or owners of the Product (or any person taking exposure to it) or any member of the public in any other circumstances (each a "Contract Owner"): (a) regarding the advisability of investing in securities or other financial or insurance products generally or in the Product particularly; or (b) the suitability or appropriateness of an exposure to the JPMorgan Index in seeking to achieve any particular objective. It is for those taking an exposure to the Product and/or the JPMorgan Index to satisfy themselves of these matters and such persons should seek appropriate professional advice before making any investment. JPMorgan index to satisfy themselves of these matters and such persons should seek appropriate professional advice before making any investment. JPMorgan index to responsible for and does not have any obligation or liability in connection with the issuance, administration, marketing or trading of the Product. The publication of the JPMorgan Index and the referencing of any asset or other factor of any kind in the JPMorgan Index do not constitute any form of investment recommendation or advice in respect of any such asset or other factor by JPMorgan and no person should rely upon it as such. JPMorgan does not act as an investment adviser or investment manager in respect of the JPMorgan Index or the Product and does not accept any fiduciary duties in relation to the JPMorgan Index, the Licensee, the Product or any Contract Owner.

The JPMorgan Index has been designed and is compiled, calculated, maintained and sponsored by JPMorgan without regard to the Licensee, the Product or any Contract Owner. The ability of the Licensee to make use of the JPMorgan Index may be terminated on short notice and it is the responsibility of the Licensee to provide for the consequences of that in the design of the Product. JPMorgan does not accept any legal obligation to take the needs of any person who may invest in a Product into account in designing, compiling, calculating, maintaining or sponsoring the JPMorgan Index or in any decision to cease doing so.

JPMorgan does not give any representation, warranty or undertaking, of any type (whether express or implied, statutory or otherwise) in relation to the JPMorgan Index, as to condition, satisfactory quality, performance or fitness for purpose or as to the results to be achieved by an investment in the Product or any data included in or omissions from the JPMorgan Index, or the use of the JPMorgan Index in connection with the Product or the veracity, currency, completeness or accuracy of the information on which the JPMorgan Index is based (and without limitation, JPMorgan accepts no liability to any Contract Owner for any errors or omissions in that information or the results of any interruption to it and JPMorgan shall be under no obligation to advise any person of any such error, omission or interruption). To the extent any such representation, warranty or undertaking could be deemed to have been given by JPMorgan, it is excluded save to the extent that such exclusion is prohibited by law. To the fullest extent permitted by law, JPMorgan shall have no liability or responsibility to any person or entity (including, without limitation, to any Contract Owners) for any losses, damages, costs, charges, expenses or other liabilities howsoever arising, including, without limitation, liability for any special, punitive, indirect or consequential damages (including loss of business or loss of profit, loss of time and loss of goodwill), even if notified of the possibility of the same, arising in connection with the design, compilation, calculation, maintenance or sponsoring of the JPMorgan Index or in connection with the Product.

The JPMorgan Index is the exclusive property of JPMorgan. JPMorgan is under no obligation to continue compiling, calculating, maintaining or sponsoring the JPMorgan Index and may delegate or transfer to a third party some or all of its functions in relation to the JPMorgan Index.

JPMorgan may independently issue or sponsor other indices or products that are similar to and may compete with the JPMorgan Index and the Product.

JPMorgan may also transact in assets referenced in the JPMorgan Index (or in financial instruments such as derivatives that reference those assets). It is possible that these activities could have an effect (positive or negative) on the value of the JPMorgan Index and the Product.

Each of the above paragraphs is severable. If the contents of any such paragraph is held to be or becomes invalid or unenforceable in any respect in any jurisdiction, it shall have no effect in that respect, but without prejudice to the remainder of this notice.

The "S&P 500" is a product of S&P Dow Jones Indices LLC ("SPDJI"), and has been licensed for use by Nationwide Life and Annuity Insurance Company ("Nationwide"). Standard & Poor's ", S&P" and S&P 500" are registered trademarks of Standard & Poor's Financial Services LLC ("S&P"); DJIA", The Dow\*, Dow Jones and Dow Jones Industrial Average are trademarks of Dow Jones Trademarks Holdings LLC ("Dow Jones"); and these trademarks have been licensed for use by SPDJI and sublicensed for certain purposes by Nationwide. Nationwide New Heights Fixed Indexed Annuity is not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, their respective affiliates, and none of such parties make any representation regarding the advisability of investing in such product(s) nor do they have any liability for any errors, omissions, or interruptions of the S&P 500".

Nationwide, the Nationwide N and Eagle, Nationwide is on your side and Nationwide New Heights are service marks of Nationwide Mutual Insurance Company. © 2015 Nationwide

FAM-0476AO (06/15)