

# Investment Performance Report

## October 1, 2016 to December 31, 2016

The results shown represent past performance and do not represent expected future performance or experience. Past performance does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investor's units or shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the data quoted.

Performance data current to the most recent month-end may be obtained by visiting: [MarylandDC.com](http://MarylandDC.com). Please consider the fund's investment objectives, risks, and charges and expenses carefully before investing. The underlying fund prospectuses contain this and other information about the investment company. Prospectuses are available by calling 800-545-4730. Read carefully before investing.

Gross expense ratios represent the fund's total operating expenses expressed as a percentage of the assets held in the fund. For more information about gross expense ratios, read the fund's prospectus. The rates of return do not reflect a maximum

deduction of a 0.14% annual plan asset fee, which, if reflected, would reduce the performance shown. No account will be charged more than \$2,000 for the year. The rates for the Investment Contract Pool are after the deduction of any carrier charges. Please see other important disclosures at the end of this report.

 *Actively managed funds*       *Passively managed funds*

Active funds have managers choose investments to attempt to achieve a goal, like outperforming an index or balancing risks with returns. Because of the management activity, these funds tend to have higher fees than passively managed funds. Passive funds normally carry lower than average fees and track the markets per their selected indices to create a diversified portfolio.

VRU	Investment Option	Morningstar Category	Ticker	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date	Gross Expense Ratio
<b>Target Date Retirement Funds</b>										
715	 <b>T. Rowe Price Retirement 2005 Fund</b> <sup>(a)</sup> If you were born in or before 1942, this fund may be right for you.	Target-Date 2000-2010	TRRFX	6.72%	3.52%	6.27%	4.71%	5.54%	02/27/04	0.60%
		Combined Index Portfolio 2005		5.86%	3.71%	6.07%	4.34%			
716	 <b>T. Rowe Price Retirement 2010 Fund</b> <sup>(a)</sup> If you were born between 1943–1947, this fund may be right for you.	Target-Date 2000-2010	TRRAX	7.11%	3.72%	7.03%	4.76%	7.45%	09/30/02	0.59%
		Combined Index Portfolio 2010		6.26%	3.92%	6.81%	4.46%			
717	 <b>T. Rowe Price Retirement 2015 Fund</b> <sup>(a)</sup> If you were born between 1948–1952, this fund may be right for you.	Target-Date 2011-2015	TRRGX	7.31%	3.98%	8.06%	5.04%	6.17%	02/27/04	0.62%
		Combined Index Portfolio 2015		6.91%	4.26%	7.84%	4.74%			
718	 <b>T. Rowe Price Retirement 2020 Fund</b> <sup>(a)</sup> If you were born between 1953–1957, this fund may be right for you.	Target-Date 2016-2020	TRRBX	7.41%	4.19%	8.96%	5.19%	8.38%	09/30/02	0.64%
		Combined Index Portfolio 2020		7.61%	4.57%	8.73%	4.91%			
719	 <b>T. Rowe Price Retirement 2025 Fund</b> <sup>(a)</sup> If you were born between 1958–1962, this fund may be right for you.	Target-Date 2021-2025	TRRHX	7.55%	4.35%	9.75%	5.32%	6.67%	02/27/04	0.69%
		Combined Index Portfolio 2025		8.21%	4.83%	9.53%	5.06%			
720	 <b>T. Rowe Price Retirement 2030 Fund</b> <sup>(a)</sup> If you were born between 1963–1967, this fund may be right for you.	Target-Date 2026-2030	PRILX	7.69%	4.52%	10.43%	5.45%	9.01%	09/30/02	0.72%
		Combined Index Portfolio 2030		8.79%	5.03%	10.20%	5.18%			
721	 <b>T. Rowe Price Retirement 2035 Fund</b> <sup>(a)</sup> If you were born between 1968–1972, this fund may be right for you.	Target-Date 2031-2035	TRRJX	7.64%	4.56%	10.87%	5.52%	6.95%	02/27/04	0.74%
		Combined Index Portfolio 2035		9.22%	5.15%	10.68%	5.28%			
722	 <b>T. Rowe Price Retirement 2040 Fund</b> <sup>(a)</sup> If you were born between 1973–1977, this fund may be right for you.	Target-Date 2036-2040	TRRDX	7.63%	4.61%	11.12%	5.64%	9.18%	09/30/02	0.76%
		Combined Index Portfolio 2040		9.59%	5.24%	10.96%	5.41%			
723	 <b>T. Rowe Price Retirement 2045 Fund</b> <sup>(a)</sup> If you were born between 1978–1982, this fund may be right for you.	Target-Date 2041-2045	PRILX	7.69%	4.62%	11.14%	5.65%	7.07%	05/31/05	0.76%
		Combined Index Portfolio 2045		9.71%	5.29%	10.99%	5.42%			
728	 <b>T. Rowe Price Retirement 2050 Fund</b> <sup>(a)</sup> If you were born between 1983–1987, this fund may be right for you.	Target-Date 2046-2050	TRRMX	7.71%	4.65%	11.14%	5.65%	5.65%	12/29/06	0.76%
		Combined Index Portfolio 2050		9.71%	5.29%	10.99%	5.42%			
729	 <b>T. Rowe Price Retirement 2055 Fund</b> <sup>(a)</sup> If you were born between 1988–1992, this fund may be right for you.	Target-Date 2051-2055	TRRNX	7.73%	4.64%	11.14%	5.64%	5.64%	12/29/06	0.76%
		Combined Index Portfolio 2055		9.71%	5.29%	10.99%	5.42%			
1152	 <b>T. Rowe Price Retirement 2060 Fund</b> <sup>(a)</sup> If you were born in 1993 or after, this fund may be right for you.	Target-Date 2056-2060	TRRLX	7.63%	N/A	N/A	N/A	3.18%	06/23/14	0.76%
		Combined Index Portfolio 2060		9.71%	N/A	N/A	N/A			



VRU	Investment Option	Morningstar Category	Ticker	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date	Gross Expense Ratio	
<b>Short-Term Investments</b>											
283	 <b>Investment Contract Pool</b> (Available for 457(b), 401(k) and 401(a) plans only.) Investment contracts with fixed-income managers/underwriters and insurance companies. Some have a fixed interest rate while others reset the interest rate on a regular basis. The interest rate is based on earnings of the underlying investments at that time. Accounts are credited with a monthly blended rate.	Stable Value	N/A								
		Jan '17	Dec '16	Nov '16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		1.69%	1.73%	1.72%							
1340	 <b>Vanguard Federal Money Market Inv</b> (Available only for the 403(b) plan.) Seeks to provide current income, while maintaining a stable \$1 NAV and a very short average maturity. Invests in a combination of high-quality commercial paper, certificates of deposit, bankers' acceptances, and U.S. government securities. Average maturity typically ranges from 30–70 days. <b>Current Yield:</b> 0.44%	Money Market	VMRXX	0.30%	0.12%	0.08%	0.83%	4.35%	7/13/81	0.11%	
		INDEX Citigroup 3-month T-bill		0.27%	0.11%	0.09%	0.73%				
<b>Bonds</b>											
654	 <b>PIMCO Total Return Fund Inst <sup>(b)</sup></b> This fund is not open to new participants.	Intermediate-Term Bond	PTTRX	2.61%	2.66%	3.21%	5.62%	7.40%	05/11/87	0.47%	
		INTERMEDIATE TERM BOND INDEX Barclays Capital US Aggregate Bond		2.65%	3.03%	2.23%	4.34%				
1641	 <b>TCW Core Fixed Income I</b> Invests primarily in debt securities, such as U.S. Government and corporate obligations, bonds, notes, debentures, mortgage-backed securities, assetbacked securities, and in U.S. dollar denominated foreign securities (government and corporate).	Intermediate-Term Bond	TGCFX	2.28%	2.62%	2.67%	5.65%	5.59%	02/26/93	0.50%	
		INTERMEDIATE TERM BOND INDEX Barclays Capital US Aggregate Bond		2.65%	3.03%	2.23%	4.34%				
786	 <b>Vanguard Total Bond Market Index Inst</b> Seeks to track the performance of a broad, market-weighted bond index. The fund employs a passive management, or indexing investment, approach designed to track the performance of the Barclays Capital U.S. Aggregate Float Adjusted Index. It invests by sampling the index and investing at least 80% of assets in bonds held in the index. The fund maintains a dollar-weighted average maturity consistent with that of the index, ranging between 5 and 10 years.	Intermediate-Term Bond	VBTIX	2.61%	2.95%	2.15%	4.32%	5.28%	09/18/95	0.05%	
		INTERMEDIATE TERM BOND INDEX Barclays Capital Intermediate Government Bond		1.05%	1.58%	1.04%	3.42%				
<b>Balanced</b>											
724	 <b>T. Rowe Price Retirement Balanced Fund <sup>(a)</sup></b> Invests in a diversified portfolio of other T. Rowe Price stock and bond funds that represent various asset classes and sectors. The fund's "neutral allocations," which are what T. Rowe Price considers broadly appropriate for investors seeking a static asset allocation during their retirement years, are 40% stock funds and 60% bond funds.	Allocation - 30% - 50% Equity	TRRIX	6.48%	3.17%	5.70%	4.53%	6.18%	09/30/02	0.57%	
		COMBINED INDEX Portfolio Income		6.02%	3.42%	5.63%	4.09%				
199	 <b>Fidelity Puritan Fund <sup>(a)</sup></b> Invests approximately 60% of assets in stocks and other equity securities and the remainder in bonds and other debt securities, including lower-quality debt securities, when its outlook is neutral. Invests at least 25% of total assets in fixed-income senior securities (including debt securities and preferred stock). Invests in domestic and foreign issuers.	Allocation - 50% - 70% Equity	FPURX	5.03%	5.78%	10.14%	5.89%	10.87%	04/16/47	0.56%	
		BALANCED INDEX 60% S&P 500/40% Barclays Capital Aggregate Bond		8.31%	6.66%	9.69%	6.21%				
<b>Large-Cap Stocks</b>											
740	 <b>Vanguard Instl Index Fund Plus</b> Holds all 500 stocks that make up the Standard & Poor's 500 Index in proportion to their weighting in the index. Attempts to match the performance of the index, a widely recognized benchmark of U.S. stock market performance, and remains fully invested in stocks at all times. Passive management doesn't speculate on the direction of the index. Performance typically can be expected to fall short by a small percentage, representing operating costs.	Large Blend	VIII	11.95%	8.87%	14.65%	6.97%	6.75%	07/07/97	0.02%	
		LARGE CAP BLEND INDEX Standard & Poor's 500 Index		11.96%	8.87%	14.66%	6.95%				
856	 <b>Parnassus Core Equity Fund Inst <sup>(a)</sup></b> A diversified, fundamental, domestic, large-cap, core equity fund with a value bias. The Fund invests principally in undervalued equity securities of larger capitalization-companies. At least 75% of the Fund's total assets will normally be invested in equity securities that pay dividends. The remaining 25% may be invested in non-dividend-paying equity securities. The Fund also takes environmental, social and governance factors into account in making investment decisions.	Large Blend	PRILX	10.61%	8.14%	14.42%	9.69%	10.55%	08/31/92	0.67%	
		LARGE CAP BLEND INDEX Standard & Poor's 500 Index		11.96%	8.87%	14.66%	6.95%				
959	 <b>American Century Equity Growth Inst</b> Seeks long-term capital growth and invests at least 80% of the fund's assets in equity securities. It invests primarily in large capitalization, publicly-traded U.S. companies. The fund considers large capitalization companies to be those with a market capitalization greater than \$2 billion.	Large Blend	AMEIX	10.20%	6.31%	13.28%	6.20%	6.26%	01/02/98	0.47%	
		LARGE CAP BLEND INDEX Standard & Poor's 500 Index		11.96%	8.87%	14.66%	6.95%				

VRU	Investment Option	Morningstar Category	Ticker	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date	Gross Expense Ratio
834	 <b>American Funds Growth Fund of America R6</b> Seeks to provide long-term growth of capital through a diversified portfolio of common & preferred stocks, convertibles, U.S. government securities, bonds and cash. Emphasizes companies that appear to offer long-term growth, and may invest in cyclical companies, turnarounds and value situations. May invest up to 15% of assets in securities of issuers domiciled outside the U.S. and not included in the S&P 500 and up to 10% of assets in debt securities rated below investment grade.	Large Growth	RGAGX	8.82%	8.04%	15.42%	7.30%	13.76%	11/30/73	0.33%
		LARGE CAP GROWTH INDEX Russell 1000 Growth		7.08%	8.55%	14.50%	8.33%			
942	 <b>Delaware Value Inst</b> <sup>(a)</sup> The Fund invests in large-capitalization companies, seeking consistent long-term performance. The Fund follows a traditional value-oriented investment philosophy using a research-intensive approach.	Large Value	DDVIX	14.78%	9.15%	14.72%	6.81%	7.80%	09/15/98	0.72%
		LARGE CAP VALUE INDEX CRSP US Large Value		16.93%	9.51%	15.37	6.25%			
776	 <b>Goldman Sachs Large Cap Value Inst</b> <sup>(a)</sup> This fund is not open to new participants	Large Value	GSLIX	11.69%	6.41%	13.93%	5.07%	6.37%	12/15/99	0.80%
		LARGE CAP VALUE INDEX Russell 1000 Value		17.34%	8.59%	14.80%	5.72%			
<b>Mid-Cap Stocks</b>				1	3	5	10			
899	 <b>Vanguard Midcap Index Inst Plus</b> Seeks to match the performance of the CRSP US Mid Cap Index, a broadly diversified index of the stocks of medium-sized U.S. companies. It attempts to replicate the target index by investing all, or substantially all, of assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.	Mid Cap Blend	VMCPX	11.24%	7.70%	14.41%	N/A	11.82%	12/15/10	0.05%
		MID CAP BLEND INDEX S&P 400 Midcap Index		20.74%	9.04%	15.33%	9.16%			
1291	 <b>Janus Enterprise Fund</b> The fund pursues its investment objective by investing primarily in common stocks selected for their growth potential, and normally invests at least 50% of its equity assets in medium-sized companies. Medium-sized companies are those whose market capitalization falls within the range of companies in the Russell Midcap® Growth Index. It may also invest in foreign securities, which may include investments in emerging markets.	Mid Cap Growth	JDMNX	12.18%	9.24%	15.00%	9.47%	10.63%	09/01/92	0.67%
		MID CAP GROWTH INDEX Russell Midcap Growth		7.33%	6.23%	13.51%	7.83%			
802	 <b>T. Rowe Price Midcap Value</b> <sup>(a)</sup> Invests in mid cap stocks that are potentially less volatile than a portfolio of small cap stocks. The fund focuses on established, mid-size companies with solid business fundamentals that have the potential to be future industry leaders.	Mid Cap Value	TRMCX	24.32%	9.92%	15.88%	8.38%	11.77%	06/28/96	0.80%
		MID CAP VALUE INDEX Russell Midcap Value		20.00%	9.45%	15.70%	7.59%			
<b>Small-Cap Stocks</b>				1	3	5	10			
1533	 <b>T. Rowe Price Inst Small Cap Stock Fund</b> <sup>(a)</sup> Ordinarily invests at least 65% of total assets in stocks and equity-related securities of small companies. A small company is defined as having market capitalization that falls within the range of companies in the Russell 2000 Index, a widely used benchmark for small-cap stock performance. Stock selection may reflect either a growth or value approach.	Small Cap Growth	OTCFX	19.00%	7.41%	15.46%	9.59%	9.90%	3/31/00	0.67%
		SMALL CAP GROWTH INDEX CRSP US Small Cap Growth		10.62%	3.86%	12.35%	7.77%			
891	 <b>Vanguard Small Cap Index Fund Inst</b> Seeks to track the performance of a benchmark index that measures the investment return of small-capitalization stocks. The fund employs a passive management (or indexing) investment approach designed to track the performance of the CRSP US Small Cap Index.	Small Cap Blend	VSCIX	18.32%	7.03%	14.85%	8.21%	8.82%	07/07/97	0.07%
		SMALL CAP BLEND INDEX Russell 2000 Blend		21.31%	6.74%	14.46%	7.07%			
<b>International Stocks</b>				1	3	5	10			
835	 <b>American Funds Euro Pacific Growth R6</b> Invests in strong, growing companies based chiefly in Europe and the Pacific Basin, ranging from small firms to large corporations. Invests primarily in common and preferred stocks, convertibles, American Depositary Receipts, European Depositary Receipts, bonds and cash. All holdings are non-U.S. except a nominal portion that, for liquidity purposes, may be held in U.S. dollars and/or equivalents. Normally, at least 80% of assets must be invested in securities of issuers domiciled in Europe or the Pacific Basin.	Foreign Large Growth	RERGX	1.01%	-0.60%	7.22%	2.96%	10.80%	04/16/84	0.50%
		FOREIGN LARGE GROWTH FTSE Developed ex North America		1.43%	-1.39%	6.57%	1.05%			
883	 <b>Vanguard Total International Stock Index Inst</b> Vanguard Total International Stock Index Fund seeks to track the investment performance of the FTSE Global All Cap ex US Index, an index designed to measure equity market performance in developed and emerging markets, excluding the United States. The fund invests substantially all of its assets in the common stocks included in its target index. The fund allocates its assets based on each region's weighting in the index.	Foreign Large Blend	VTSNX	4.70%	-1.32%	5.53%	N/A	3.02%	11/29/10	0.10%
		INTERNATIONAL INDEX FTSE Global All Cap ex US		5.04%	-0.78%	5.95%	1.81%			

<sup>(a)</sup> Part of the MSRP Mutual Fund Savings (reimbursement) Program.

<sup>(b)</sup> Voluntary fee waiver that can be changed at anytime.

Ticker symbols are provided to help you research mutual funds. Information related to pricing or performance of these funds published in publicly available media such as newspapers and websites may be different than performance data and pricing specific to MSRP. To find pricing or performance related information specific to your account visit the Investment Info tab at MarylandDC.com.

### Nationwide Fixed Annuity [457(b) plan only] Average Quarterly Annualized Crediting

This option is closed to deferrals and transfers from other investment options.

1st Qtr 17	4th Qtr 16	3rd Qtr 16	2nd Qtr 16
3.50%	3.50%	3.50%	3.50%

Note: The above yields were supplied by Nationwide. They are a weighted average of all money held in this investment option, which consists of seven separate pools. The yields do not reflect the deduction of the annual asset fee. The annual asset fee is 0.14%. No account will be charged more than \$2,000 in 2017. The actual yield credited to your account may be higher or lower than the yield reflected above. The Nationwide Fixed Group Annuity is issued by Nationwide Life Insurance Company, Columbus, OH. Contract #Life 2183. The 2017 minimum guaranteed yield is 3.50%. Guarantees and protections are subject to the claims paying ability of Nationwide Life Insurance Company.

### Great West Certificates [403(b) plan only] Quarterly Effective Gross Annual Rates

This option is closed to deferrals and transfers from other investment options.

	1st Qtr 17	4th Qtr 16	3rd Qtr 16
Dig Fund	4.00%	4.00%	4.00%
36-Mo. Certificate	4.00%	4.00%	4.00%
60-Mo. Certificate	4.00%	4.00%	4.00%
84-Mo. Certificate	4.00%	4.00%	4.00%

Note: The rates do not reflect the deduction of the annual asset fee. The annual asset fee is 0.14%. No account will be charged more than \$2,000 for the year.

## Contact us

### Enrollment and Information Hotline

**800-545-4730**

For information about the match, to enroll in the 457(b), 401(k) and 403(b) plans, or to change your contribution amount

### Nationwide Web Site **MarylandDC.com**

For information about the 457(b), 401(k), 403(b), and 401(a) plans, to enroll, to change your contribution amount, to get 24-hour account information, to make investment option exchanges and allocation changes

### Nationwide Hunt Valley Office **(443) 886-9402 or 800-966-6355**

To enroll in the 457(b), 401(k) and 403(b) plans, to change your deferral amount, for mutual fund prospectuses or annual reports, for investment option booklets, or to arrange a meeting with a representative

### Nationwide Customer Service Center **800-545-4730**

For account information, to make investment option exchanges and allocation changes, to change address, name or beneficiary, for payout calculations in the 457(b), 401(k) and 403(b) and 401(a) plans, and for financial hardship inquiries

### Maryland Teachers & State Employees Supplemental Retirement Plans **410-767-8740 or 800-543-5605**

For information about the Maryland Supplemental Retirement Plans, for booklets, to arrange educational seminars and for other general information

### MSRP Web Site **MSRP.maryland.gov**

For the latest MSRP news, information available on the Board of Trustees and staff, newsletters, booklets, legislation updates, and more



**Enroll online  
MarylandDC.com**

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## RISK DISCLOSURES

**Money market funds: Investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other federal government agency. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the fund.**

The money market current yield is the annualized historical yield for the 7-day period ending on the last day of the calendar quarter. Yield quotation more closely reflects the current earnings of the money market fund than the total return quotation.

**T. Rowe Price Retirement Income Funds:** Target Maturity Funds are designed to provide diversification and asset allocation across several types of investments and asset classes, primarily by investing in underlying funds. Therefore, in addition to the expenses of the Target Maturity Funds, an investor is indirectly paying a proportionate share of the applicable fees and expenses of the underlying funds.

Target Maturity Funds are designed for people who plan to withdrawal funds during or near a specific year. These funds use a strategy that reallocates equity exposure to a higher percentage of fixed investments over time. Like other funds, target date funds are subject to market risk and loss. Loss of principal can occur at any time, including before, at or after the target date. There is no guarantee that target date funds will provide enough income for retirement.

**International/emerging markets funds:** Investing internationally involves risks not associated with investing solely in the U.S., such as currency fluctuation, political risk, differences in accounting and the limited availability of information.

**Small company funds:** Stocks of small or emerging companies may have less liquidity than those of larger, established companies and may be subject to greater price volatility and risk than the overall stock market.

**Bond funds:** Bond funds have the same interest rate, inflation and credit risks that are associated with the underlying bonds owned by the fund.

Some mutual funds may impose a short term trade fee. Please read the underlying prospectuses carefully.

### IMPORTANT DISCLOSURES

**Investment Contract Pool** available for 457(b), 401(k) and 401(a) plans only.

**Vanguard Federal Money Market Fund** available for 403(b) plan only.

Investing involves market risk, including the possible loss of principal.

Inception Date is the date the underlying fund was established. Some mutual funds may impose a short term trade fee. Some funds may be subject to a trade restriction policy. Please read the underlying prospectus carefully.

**Market indices have been provided for comparison purposes only; they are unmanaged and no fees and expenses have been reflected here. Individuals cannot invest directly in an index.**

This document was created to help educate participants on the Maryland Supplemental Retirement Plan and is intended only to provide a general summary of the Plan and its features. In the event there are any inconsistencies between this document and the Plan Document, the Plan Document will govern.

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