# **Investment Performance Report | VANDERBILT 403B**

Compiled as of: December 04, 2019

<u>Understanding investment performance</u>: As you review this update, please remember that the performance data stated represents past performance, which does not guarantee future results. Investment return and principal value of an investigation fluctuate; therefore, you may have a gain or loss when you sell your shares. Current performance may be higher or lower than the performance stated. To learn more or to obtain the most recent month-end performance, call Fidelity or visit www.401k.com (log in, choose plan, select Investment Choices & Research, and then pick investment option.).

## Quarterly Data As Of: 12/31/2018

			Quarterly Average Annual Returns 1	Quarterly Average Annual Returns 5	Quarterly Average Annual Returns 10	Quarterly Average Annual	Inception	Short-term Trading fee	Gross Expense	Gross Expense
Product Name Asset Class: Bond	Fund Code	Ticker	Year	Year	Year	Returns LOF	Date	(%/days)	Ratio	Ratio Date
Morningstar Category: Intermediate Core Bond			-0.50%	2.27%	4.31%				1.05%	10/31/2019
Vanquard Total Bond Market Index Fund Institutional Shares	OQFC	VBTIX	-0.01%	2.47%	3.45%	5.84%	12/11/1986	None	0.035%	04/26/2019
BBgBarc Agg Float Adj			-0.08%	2.50%	N/A	N/A				
Vanguard Spliced Barclays U.S. Aggregate Float Adjusted Index			-0.08%	2.50%	3.49%	N/A				
Morningstar Category: Intermediate Core-Plus Bond									1.17%	10/31/2019
Loomis Sayles Core Plus Bond Fund Class Y	OKE8	NERYX	-0.69%	2.80%	5.94%	7.04%	11/07/1973	None	0.48%	02/01/2019
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	N/A				
Asset Class: Domestic Equities										
Morningstar Category: Large Blend			-6.27%	6.65%	11.99%				1.58%	10/31/2019
Vanguard Dividend Growth Fund Investor Shares	OMCF	VDIGX	0.18%	8.09%	12.26%	8.22%	05/15/1992	None	0.22%	05/30/2019
Russell 1000			-4.78%	8.21%	13.28%	9.33%				
Vanguard FTSE Social Index Fund Institutional Shares	OKWQ	VFTNX	-3.38%	9.20%	14.49%	4.81%	01/14/2003	None	0.12%	12/03/2018
FTSE 4Good US Select ldx			-3.32%	9.33%	14.61%	N/A				
DJ US Total Stk Mkt			-5.30%	7.86%	13.22%	9.02%				
Vanguard Institutional Index Fund Institutional Plus Shares	OMMW	VIIIX	-4.41%	8.48%	13.13%	9.77%	07/31/1990	None	0.02%	04/26/2019
S&P 500			-4.38%	8.49%	13.12%	9.38%				
Morningstar Category: Mid-Cap Growth			-6.65%	5.61%	13.16%				1.59%	10/31/2019
Jackson Square SMID-Cap Growth Fund Institutional Class	OIWV	JSMTX	1.99%	7.91%	18.42%	11.72%	12/01/2003	None	0.99%	02/28/2019
Russell 2500 Growth			-7.47%	6.19%	14.76%	8.63%				
Morningstar Category: Small Blend			-12.72%	3.20%	11.60%				2.21%	10/31/2019
Vanguard Small-Cap Index Fund Institutional Shares	OMZE	VSCIX	-9.32%	5.26%	13.60%	10.70%	10/03/1960	None	0.04%	04/26/2019
CRSP US Sm Cap Index			-9.33%	5.24%	14.07%	N/A				
Vanguard Spliced Small Cap Index			-9.33%	5.24%	13.53%	N/A				
Morningstar Category: Small Value			-15.46%	1.86%	11.00%				1.89%	10/31/2019
DFA U.S. Targeted Value Portfolio Institutional Class	OKRF	DFFVX	-15.78%	2.59%	11.94%	10.18%	02/23/2000	None	0.37%	02/28/2019
Russell 2000 Value			-12.86%	3.61%	10.40%	8.86%				
Asset Class: International/Global										
Morningstar Category: Foreign Large Blend			-14.59%	0.10%	5.89%				1.37%	10/31/2019
Vanguard Total International Stock Index Fund Institutional Shares	OERM	VTSNX	-14.39%	0.97%	6.38%	4.60%	04/29/1996	None	0.08%	02/26/2019

FTSE Glob All Cap xUS (N)			-14.76%	0.87%	N/A	N/A				
MSCI ACWI ex US IMI (N)			-14.76%	0.85%	6.97%	N/A				
Morningstar Category: Foreign Large Growth			-14.08%	1.38%	7.43%				1.64%	10/31/2019
Harding Loevner International Equity Portfolio Institutional Class	OYOJ	HLMIX	-13.96%	2.64%	8.82%	5.69%	05/11/1994	None	0.81%	02/28/2019
MSCI AC Wld ex US (N)			-14.20%	0.68%	6.57%	N/A				
Morningstar Category: World Large Stock			-9.64%	3.72%	9.33%				2.1%	10/31/2019
Dodge & Cox Global Stock Fund	OLLK	DODWX	-12.65%	4.10%	11.45%	4.45%	05/01/2008	None	0.62%	05/01/2019
MSCI World (N)			-8.71%	4.56%	9.67%	4.20%				
Asset Class: Money Market										
Morningstar Category: Prime Money Market			1.58%	0.49%	0.30%				.58%	10/31/2019
Retail Money Market Fund										
Vanguard Prime Money Market Fund Admiral Shares	OQFB	VMRXX	2.01%	0.76%	0.50%	3.14%	10/03/1989	None	0.1%	12/20/2018
7-Day Yield* % as of 12/31/2018: 2.48										
FTSE 3-Mo Treasury Bill			1.86%	0.60%	0.35%	2.85%				
Asset Class: Stable Value										
Morningstar Category: Unclassified										
Principal® Guaranteed Interest Balance Contract	GVUB		N/A	N/A	N/A	N/A	07/01/1998	None	N/A	
Crediting Rate: 1.70% from 01/01/2019 - 12/31/2019										
Asset Class: Target Date										
Morningstar Category: Target-Date 2015			-3.86%	3.36%	7.49%				5.41%	10/31/2019
Vanguard Institutional Target Retirement 2015 Fund Institutional Shares	OV6O	VITVX	-2.91%	N/A	N/A	3.29%	06/26/2015	None	0.09%	01/28/2019
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	2.12%				
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				
Morningstar Category: Target-Date 2020			-4.49%	3.41%	7.73%				2.31%	10/31/2019
Vanguard Institutional Target Retirement 2020 Fund Institutional Shares	OV6P	VITWX	-4.21%	N/A	N/A	3.60%	06/26/2015	None	0.09%	01/28/2019
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	2.12%				
Morningstar Category: Target-Date 2025			-5.34%	3.71%	8.55%				2.22%	10/31/2019
Vanguard Institutional Target Retirement 2025 Fund Institutional Shares	OV6Q	VRIVX	-5.02%	N/A	N/A	3.77%	06/26/2015	None	0.09%	01/28/2019
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	2.12%				
Morningstar Category: Target-Date 2030			-6.25%	3.94%	8.86%				2.04%	10/31/2019
Vanguard Institutional Target Retirement 2030 Fund Institutional Shares	OV6R	VTTWX	-5.82%	N/A	N/A	3.85%	06/26/2015	None	0.09%	01/28/2019
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	2.12%				
Morningstar Category: Target-Date 2035			-7.04%	4.14%	9.44%				2.66%	10/31/2019
Vanguard Institutional Target Retirement 2035 Fund Institutional Shares	OV6S	VITFX	-6.56%	N/A	N/A	3.93%	06/26/2015	None	0.09%	01/28/2019
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				
BBgBarc U.S. Agg Bond			0.01%	2.52%	3.48%	2.12%				
Morningstar Category: Target-Date 2040			-7.74%	4.23%	9.48%				2.55%	10/31/2019
Vanguard Institutional Target Retirement 2040 Fund Institutional Shares	OV6T	VIRSX	-7.31%	N/A	N/A	3.99%	06/26/2015	None	0.09%	01/28/2019
MSCI US Broad Mkt (G)			-5.28%	7.94%	13.28%	6.60%				

Morningstar Category: Target-Date 2045   -8.14%   4.30%     Vanguard Institutional Target Retirement 2045 Fund Institutional Shares   OV6U   VITLX   -7.87%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date 2050   -8.41%   4.33%     Vanguard Institutional Target Retirement 2050 Fund Institutional Shares   OV6V   VTRLX   -7.87%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date 2055   -8.44%   4.42%     Vanguard Institutional Target Retirement 2055 Fund Institutional Shares   OV6W   VIVLX   -7.84%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date 2060+   -8.52%   4.16%     Vanguard Institutional Target Retirement 2060 Fund Institutional Shares   OV6X   VILVX   -7.88%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Vanguard Institutional Target Retirement 2060 Fund Institutional Shares   OV6X   VILVX   -7.88%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Vanguard Institutional Target Retirement 2065 Fund Institutional Shares   OV6X   VILVX   -7.84%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Vanguard Institutional Target Retirement 2065 Fund Institutional Shares   OV6M   VITRX   -1.98%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Vanguard Institutional Target Retirement 2065 Fund Institutional Shares   OV6M   VITRX   -1.98%   N/A     Vanguard Institutional Target Retirement Income Fund Institutional Shares   OV6M   VITRX   -1.98%   N/A     Vanguard Institutional Target Retirement Income Fund Institutional Shares   OV6M   VITRX   -1.98%   N/A     Vanguard Institutional Target Retirement Income Fund Institutional Shares   OV6M   VITRX   -1.98%   N/A     Vanguard Institutional Paget Retirem	9.78%  N/A 4.03%  13.28% 6.60%  3.48% 2.12%  9.60%  N/A 4.03%  13.28% 6.60%  3.48% 2.12%  10.41%	06/26/2015	None	2.7% 0.09%	10/31/2019 01/28/2019
MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2050         -8.41%         4.33%           Vanguard Institutional Target Retirement 2050 Fund Institutional Shares         OV6V         VTRLX         -7.87%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         -6.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -6.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -6.28%         7.94%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         Ol6R         VSXFX         -7.84%         N/A           Vanguard Institutional Target Retirement 2065 Fund Institutional S	13.28% 6.60% 3.48% 2.12% 9.60% N/A 4.03% 13.28% 6.60% 3.48% 2.12%		None	0.09%	01/28/2019
BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2050         -8.41%         4.33%           Vanguard Institutional Target Retirement 2050 Fund Institutional Shares         OV6V         VTRLX         -7.87%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.44%         4.42%           Morningstar Category: Target-Date 2055         -8.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         -4.16%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         -5.28%         7.94%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         Ol6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond	3.48% 2.12% 9.60% N/A 4.03% 13.28% 6.60% 3.48% 2.12%	06/26/2015			
Morningstar Category: Target-Date 2050   -8.41%   4.33%     Vanguard Institutional Target Retirement 2050 Fund Institutional Shares   OV6V   VTRLX   -7.87%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date 2055   -8.44%   4.42%     Vanguard Institutional Target Retirement 2055 Fund Institutional Shares   OV6W   VIVLX   -7.84%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date 2060+   -8.52%   4.16%     Vanguard Institutional Target Retirement 2060 Fund Institutional Shares   OV6X   VILVX   -7.88%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Vanguard Institutional Target Retirement 2065 Fund Institutional Shares   OI6R   VSXFX   -7.84%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date Retirement 2065 Fund Institutional Shares   OI6R   VSXFX   -7.84%   N/A     MSCI US Broad Mkt (G)   -5.28%   7.94%     BBgBarc U.S. Agg Bond   0.01%   2.52%     Morningstar Category: Target-Date Retirement   -3.16%   2.62%	9.60% N/A 4.03% 13.28% 6.60% 3.48% 2.12%	06/26/2015			
Vanguard Institutional Target Retirement 2050 Fund Institutional Shares         OV6V         VTRLX         -7.87%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2055         -8.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         0.01%         2.52%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%         VILVX         -7.88%         N/A           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OV6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%	N/A 4.03% 13.28% 6.60% 3.48% 2.12%	06/26/2015			
MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2055         -8.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         N/A           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OIGR         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         N/A         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         -5.28%         7.94%           Morningstar Category: Target-Date Retirement         -6.2%         -6.2%         -6.2%	13.28% 6.60% 3.48% 2.12%	06/26/2015		2.31%	10/31/2019
BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2055         -8.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         4.16%         -7.25%         -7.94%         -8.52%         4.16%         -7.88%         N/A         N/A         -8.52%         4.16%         -7.88%         N/A         -7.88%         N/A         -7.88%         N/A         -7.88%         N/A         -7.94%         -8.52%         7.94%         -7.28%         N/A         -7.28%	3.48% 2.12%		None	0.09%	01/28/2019
Morningstar Category: Target-Date 2055         -8.44%         4.42%           Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         Ol6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         7.94%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%					
Vanguard Institutional Target Retirement 2055 Fund Institutional Shares         OV6W         VIVLX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         8BgBarc U.S. Agg Bond         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%         -5.28%         7.94%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	10 /10/				
MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         8BgBarc U.S. Agg Bond         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	10.41%			3.32%	10/31/2019
BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date 2060+         -8.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         -7.84%         N/A           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	N/A 4.04%	06/26/2015	None	0.09%	01/28/2019
Morningstar Category: Target-Date 2060+         -8.52%         4.16%           Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         7.94%         -7.88%         N/A           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         -8.52%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	13.28% 6.60%				
Vanguard Institutional Target Retirement 2060 Fund Institutional Shares         OV6X         VILVX         -7.88%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%         5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	3.48% 2.12%				
MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OI6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%				5.84%	10/31/2019
BBgBarc U.S. Agg Bond         0.01%         2.52%           Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         OIGR         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	N/A 4.01%	06/26/2015	None	0.09%	01/28/2019
Vanguard Institutional Target Retirement 2065 Fund Institutional Shares         Ol6R         VSXFX         -7.84%         N/A           MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	13.28% 6.60%				
MSCI US Broad Mkt (G)         -5.28%         7.94%           BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	3.48% 2.12%				
BBgBarc U.S. Agg Bond         0.01%         2.52%           Morningstar Category: Target-Date Retirement         -3.16%         2.62%	N/A 0.58%	07/12/2017	None	0.09%	01/28/2019
Morningstar Category: Target-Date Retirement -3.16% 2.62%	13.28% 2.98%				
	3.48% 0.81%				
Vanguard Institutional Target Petirement Income Fund Institutional Shares OV6M VITPY 4 099/ N/A	5.74%			3.57%	10/31/2019
vanguaru insuluuonar rarget Neurementi Income Funu insuluulonai Shales Ovoivi VIIIKA -1.90% IVA	N/A 2.91%	06/26/2015	None	0.09%	01/28/2019
BBgBarc U.S. Agg Bond 0.01% 2.52%					
MSCI US Broad Mkt (G) -5.28% 7.94%	3.48% 2.12%				

### **Footnotes**

Fund line-up as of 12/04/2019

Last categorization update date 10/31/2019

Total returns are historical and include change in share value and reinvestment of dividends and capital gains, if any. Cumulative total returns are reported as of the period indicated. Life of Fund figures are reported as of the inception date to the period indicated. These figures do not include the effect of sales charges, if any, as these charges are waived for contributions made through your company's employee benefit plans. If sales charges were included, returns would have been lower.

Indices are unmanaged and you cannot invest directly in an index.

Morningstar, Inc., provided data on the non-Fidelity mutual funds. Although the data is gathered from reliable sources, accuracy and completeness cannot be guaranteed by Morningstar.

The Morningstar Category Average is the average return for the peer group based on the returns of each individual fund within the group, for the period shown. This average assumes reinvestment of dividends and capital gains, if any, and excludes sales charges.

\*The current yield of the money market mutual fund listed above reflects the current earnings of the fund, while the total return refers to a specific past holding period.

Principal® Guaranteed Interest Balance Contract: This investment option is not a mutual fund.

Principal® Guaranteed Interest Balance Contract: The name of this fund changed from Principal Fixed Account. Fidelity systems, including NetBenefits, reflected this change on September 15, 2017.

Vanguard FTSE Social Index Fund Institutional Shares: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 01/14/2003. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 01/14/2003, adjusted to reflect the fees and expenses of this share class (when this share class's fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanquard Institutional Index Fund Institutional Plus Shares: The analysis on these pages may be based in part on adjusted historical returns for periods prior to the class's actual invention of 07/07/1997. These calculated returns reflect the historical

variguated institutional index 1 und institutional rips solitates. The analysis of intese pages in page because, in part, or adjusted institution for performance of the oldest share class of the fund, with an inception date of 07/31/1999, adjusted to reflect the fees and expenses of this share class (when this share class is fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanguard Small-Cap Index Fund Institutional Shares: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inæption of 07/07/1997. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 10/03/1960, adjusted to reflect the fees and expenses of this share class (when this share class's fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanguard Total Bond Market Index Fund Institutional Shares: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inc eption of 09/18/1995. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 12/11/1986, adjusted to reflect the fees and expenses of this share class is fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Jackson Square SMID-Cap Growth Fund Institutional Class: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 09/19/2016. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 12/01/2003, adjusted to reflect the fees and expenses of this share class (when this share class is fees and expenses are higher.) Please refer to a fund's prospectus for information reparding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanguard Total International Stock Index Fund Institutional Shares: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 11/29/2010. These calculated returns reflect the historical performance of the lodest share class of the fund, with an inception date of 04/29/1996, adjusted to reflect the fees and expenses of this share class (when this share class is fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Loomis Sayles Core Plus Bond Fund Class Y: The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 12/30/1994. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 11/07/1973, adjusted to reflect the fees and expenses of this share class (when this share class is fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

DFA U.S. Targeted Value Portfolio Institutional Class: Additional Risk Information: Short positions pose a risk because they lose value as a security's price increases; therefore, the loss on a short sale is theoretically unlimited.

#### **Expense Ratio Footnotes**

For a mutual fund, the expense ratio is the total annual fund or class operating expenses (before waivers or reimbursements) paid by the fund and stated as a percent of the fund's total net assets. Where the investment option is not a mutual fund, the figure displayed in the expense ratio field is intended to reflect similar information. However, it may have been calculated using methodologies that differ from those used for mutual funds. Mutual fund data has been drawn from the most recent prospectus. For non-mutual fund investment options, the information has been provided by the trustee or plan sponsor. When no ratio is shown for these options it is due to the fact that none was available. Nevertheless, there may be fees and expenses associated with the investment option.

Morningstar Category Gross Expense Ratio: This figure represents average gross expense ratio paid by the funds in the Morningstar category. The information is based on the gross expense ratio as reported in each fund's most current prospectus and is provided by Morningstar.

#### Investment Risk

Stock markets, especially foreign markets, are volatile and can decline significantly in response to adverse issuer, political, regulatory, market or economic developments.

Foreign investments, especially those in emerging markets, involve greater risk and may offer greater potential returns than U.S. investments. This risk includes political and economic uncertainties of foreign countries, as well as the risk of currency fluctuation.

In general the bond market is volatile and bonds entail interest rate risk (as interest rates rise bond prices usually fall and vice versa). This effect is usually pronounced for longer-term securities. Bonds also entail the risk of issuer default, issuer credit risk and inflation risk.

Target date investments are generally designed for investors expecting to retire around the year indicated in each investment's name. The investments are managed to gradually become more conservative over time. The investment risks of each target date investment change over time as its asset allocation changes. They are subject to the volatility of the financial markets, including equity and fixed income investments in the U.S. and abroad and may be subject to risk associated with investing in high yield, small cap and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates.

A fixed return annuity contract is an annuity contract is an annuity contract issued by an insurance company. It is not a mutual fund. The amount invested in the contract is guaranteed by the issuing insurance company. Guarantees of an insurance company are subject to its long-term financial strength and claims-paying ability and are solely its responsibility. Information about the fixed return annuity contract was furnished by the issuing insurance company, which is not affiliated with any Fidelity Investments company.

Investments in mid-sized companies may involve greater risk than those of larger, more well known companies, but may be less volatile than investments in smaller companies.

Investments in smaller companies may involve greater risk than those in larger, more well known companies.

Non-Fidelity Retail Mutual Fund Money Market: You could lose money by investing in a money market fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. The Fund may impose a fee upon the sale of your shares or may temporarily suspend your ability to sell shares if the Fund's liquidity falls below required minimums because of market conditions or other factors. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund and you should not expect that the sponsor will provide financial support to the fund at any time.

### Index Definitions

FTSE 4Good US Select Index is the FTSE 4Good US Select Index since December 16th, 2005 and the Calvert Social Index prior. The FTSE4Good US Select Index is composed of companies that have been screened for certain social and environmental criteria by the index sponsor.

MSCI AC WId ex US (N): MSCI All Country World ex USA Index is a market capitalization-weighted index of stocks traded in global developed and emerging markets, excluding the United States. The Index is designed to measure equity market performance in global developed and emerging markets, excluding the United States and excludes certain market segments unavailable to U.S. based investors

BBgBarc U.S. Agg Bond: The Bloomberg Barclays U.S. Aggregate Bond Index is an unmanaged market value-weighted index for U.S. dollar denominated investment-grade fixed-rate debt issues, including government, corporate, asset-backed, and mortgage-backed securities with maturities of at least one year.

Russell 2000 Value: The Russell 2000® Value Index is an unmanaged market capitalization-weighted index of value-oriented stocks of U.S. domiciled companies that are included in the Russell 2000 Index. Value-oriented stocks tend to have lower price-to-book ratios and lower forecasted growth values.

FTSE 3-Mo Treasury Bill: The FTSE 3-Month Treasury Bill Index is an unmanaged index designed to represent the average of T-bill rates for each of the prior three months, adjusted to a bond-equivalent basis.

S&P 500: S&P 500 Index is a market capitalization-weighted index of 500 common stocks chosen for market size, liquidity, and industry group representation to represent U.S. equity performance.

MSCI US Broad Mkt (G): The MSCI US Broad Market Index represents approximately 99.5% of the capitalization of the US equity market. It is the aggregation of the MSCI US Investable Market 2500 and the Micro Cap Indices. The MSCI US Broad Market Index represents a greater proportion of the US equity market cap than the most commonly used broad market indices.

BBgBarc Agg Float Adj: The Bloomberg Barclays U.S. Aggregate Float Adjusted Index measures the total universe of public, investment-grade, taxable, fixed income securities in the United States-including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities-all with maturities of more than 1 year.

MSCI ACWI ex US IMI (N): The MSCI ACWI ex-US Investable Market Index represents approximately 99% of the world's total market capitalization outside the US. The ACWI ex US IMI defines the non-US equity asset class and covers 22 developed markets and 26 emerging markets. The IMI (Investable Market Index) combines large, mid &small capitalization equity offerings and thus, provides the broadest international exposure available. The index is unmanaged and should not be considered an investment. It is not possible to invest directly in an index.

CRSP US Sm Cap Index: The CRSP US Small Cap Index includes U.S. companies that fall between the bottom 2%-15% of the investable market capitalization. There is no lower limit in market capitalization, other than what is specified by investability screens. The historical performance statistics of the CRSP US Small Cap Index are based upon eleven years of backtest data from January 1, 2001 through March 31, 2011. Subsequent backtest was run with June 29, 2001 as the start date in order to align with the value and growth style indexes. As is common industry practice, CRSP backtest data does not include float shares. Backtest results are not indicative of future performance.

Russell 1000: Russell 1000 Index is a market capitalization-weighted index designed to measure the performance of the large-cap segment of the U.S. equity market.

Russell 2500 Growth: Russell 2500 Growth Index is a market capitalization-weighted index designed to measure the performance of the small to mid-cap growth segment of the U.S. equity market. It includes those Russell 2500 Index companies with higher price-to-book ratios and higher forecasted growth rates.

DJ US Total Stk Mkt: Dow Jones U.S. Total Stock Market Index SM is a float-adjusted market capitalization-weighted index of all equity securities of U.S. headquartered companies with readily available price data.

Vanguard Spliced Small Cap Index: The Vanguard Spliced Small Cap Index is an index that reflects performance of the Russell 2000 Index through May 16, 2003; MSCI US Small Cap 1750 Index through January 30, 2013; and CRSP US Small Cap Index thereafter.

Vanguard Spliced Barclays U.S. Aggregate Float Adjusted Index: The Vanguard Spliced Bloomberg Barclays U.S. Aggregate Float Adjusted Index is an index that reflects performance of the Bloomberg Barclays U.S. Aggregate Bond Index through December 31, 2009; and Bloomberg Barclays U.S. Aggregate Float Adjusted Index thereafter.

FTSE Glob All Cap xUS (N): FTSE Global All Cap ex US Index is a free-float-adjusted market-capitalization-weighted index designed to measure equity market performance of companies located in developed and emerging markets, excluding the United States.

MSCI World (N): The MSCI World Index (Net) is an unmanaged market capitalization-weighted index that is designed to represent the performance of developed stock markets throughout the world and assumes the highest possible withholding taxes are applicable.

Before investing, consider the funds' investment objectives, risks, charges, and expenses. Contact Fidelity for a prospectus or, if available, a summary prospectus containing this information. Read it carefully.

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