



COUNTY OF MONTEREY, CALIFORNIA

457(b) Deferred Compensation Plan

Proposed Investment Menu and Mapping – January 2019

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MONTEREY COUNTY, CALIFORNIA

457(b) Deferred Compensation Plan

Proposed Investment Menu

	Asset Class	Fund	Ticker	Expense Ratio	Total
Fixed	Stable Value	Nationwide Fixed Account	-	0.40%	\$83,049,292
	Int.-Term Active	Sterling Capital Total Return Bond R6	strdx	0.35%	\$11,509,288
	Int.-Term Index	Fidelity US Bond Index	fxnax	0.025%	\$6,435,698
Large	Large Value	DFA US Large Cap Value I	dfvx	0.27%	\$7,150,427
	Large Blend	Fidelity 500 Index	fxaix	0.015%	\$27,983,503
	Large Growth	T. Rowe Price Instl Large Cap Growth	trlgx	0.56%	\$8,060,621
Mid	Mid Value	Wells Fargo Special Mid Cap Value R6	wfprx	0.75%	\$21,641,167
	Mid Blend	Fidelity Mid Cap Index	fsmdx	0.025%	\$6,333,471
	Mid Growth	MFS Mid Cap Growth R6	otckx	0.85%	\$4,077,419
Small	Small Value	DFA US Targeted Value I	dffvx	0.37%	\$534,000
	Small Blend	Fidelity Small Cap Index	fssnx	0.025%	\$2,432,774
	Small Growth	Hood River Small-Cap Growth Retirement	hrsix	1.00%	\$4,082,547
Int'l	Int'l Value	Hartford Schrodgers Intl Multi-Cp Val SDR	sidrx	0.76%	\$0
	Int'l Blend	Fidelity Total Intl Index	ftihx	0.06%	\$2,985,816
	Int'l Growth	American Funds Europacific Growth R6	rergx	0.49%	\$10,151,272
Asset Allocation	Income	Vanguard Target Retirement Income Inv	vtinx	0.13%	\$2,271,577
	2015	Vanguard Target Retirement 2015 Inv	vtvx	0.13%	\$2,666,639
	2020	Vanguard Target Retirement 2020 Inv	vtwnx	0.13%	\$451,926
	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%	\$17,407,911
	2030	Vanguard Target Retirement 2030 Inv	vthrx	0.14%	\$52,262
	2035	Vanguard Target Retirement 2035 Inv	vtthx	0.14%	\$8,976,630
	2040	Vanguard Target Retirement 2040 Inv	vforx	0.15%	\$9,159
	2045	Vanguard Target Retirement 2045 Inv	vtivx	0.15%	\$2,377,732
	2050	Vanguard Target Retirement 2050 Inv	vfifx	0.15%	\$61,398
	2055	Vanguard Target Retirement 2055 Inv	vffvx	0.15%	\$461,286
	2060	Vanguard Target Retirement 2060 Inv	vttsx	0.15%	\$8,339,881

Excludes loan and brokerage assets. All assets as of March 31, 2018.

Explicit recordkeeping costs estimated based on five-year contract.

\$239,503,696

Post-RFP

	%
Investment Expenses	0.33%
Explicit Recordkeeping Costs	0.03%
Combined Total Cost	0.36%
Estimated Annual Savings	\$663,484

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CURRENT INVESTMENT MENU					PROPOSED MENU			
Fund Name	Ticker	\$	Total Cost	Map To	Asset Class	Fund Name	Ticker	Expense
Monterey County Stable Value Fund	n/a	\$87,992,979	0.42%	➡	Stable Value	Nationwide Fixed Account	-	0.40%
BlackRock US Debt Index Fund Coll F	n/a	\$6,435,698	0.32%	➡	Int.-Term Index	Fidelity US Bond Index	fxnax	0.03%
Loomis Sayles Bond Instl	lsbdx	\$2,036,638	0.78%	➡	Int.-Term Active	Sterling Capital Total Return Bond R6	strdx	0.35%
PIMCO Total Return Instl	pttrx	\$4,528,963	0.58%	➡	Int.-Term Active	Sterling Capital Total Return Bond R6	strdx	0.35%
Janus Henderson Balanced T	jabax	\$6,441,113	0.95%	➡	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%
American Beacon Large Cap Value A	alvax	\$7,150,427	1.10%	➡	Large Value	DFA US Large Cap Value I	dflvx	0.27%
Parnassus Core Equity - Inv	prblx	\$1,489,225	0.99%	➡	Large Blend	Fidelity 500 Index	fxaix	0.02%
BlackRock Equity Index - Collective F	n/a	\$18,294,171	0.30%	➡	Large Blend	Fidelity 500 Index	fxaix	0.02%
Hartford Capital Appreciation Y	hcayx	\$8,200,107	0.84%	➡	Large Blend	Fidelity 500 Index	fxaix	0.02%
Janus Henderson Forty T	jactx	\$5,323,932	1.03%	➡	Large Growth	T. Rowe Price Instl Large Cap Growth	trlgx	0.56%
American Funds Growth Fund of Amer R4	rgaex	\$2,736,689	0.80%	➡	Large Growth	T. Rowe Price Instl Large Cap Growth	trlgx	0.56%
AllianzGI NFJ Mid-Cap Value A	pqnax	\$9,655,623	1.11%	➡	Mid Value	Wells Fargo Special Mid Cap Value R6	wfprx	0.75%
American Century Mid Cap Value R6	amdvx	\$7,429,326	0.73%	➡	Mid Value	Wells Fargo Special Mid Cap Value R6	wfprx	0.75%
Wells Fargo Spec Mid Cap Value A	wfpax	\$987,950	1.30%	➡	Mid Value	Wells Fargo Special Mid Cap Value R6	wfprx	0.75%
Ariel Fund	argfx	\$3,568,268	1.13%	➡	Mid Value	Wells Fargo Special Mid Cap Value R6	wfprx	0.75%
BlackRock Mid Cap Equity Index - Coll F	n/a	\$3,848,650	0.38%	➡	Mid Blend	Fidelity Mid Cap Index	fsmdx	0.03%
Eaton Vance Atlanta Capital SMID-Cap A	eaasx	\$4,077,419	1.31%	➡	Mid Growth	MFS Mid Cap Growth R6	otckx	0.85%
AllianzGI NFJ Small-Cap Value R	pnvrx	\$534,000	1.56%	➡	Small Value	DFA US Targeted Value I	dffvx	0.37%
BlackRock Russell 2000 Index Coll F	n/a	\$2,432,774	0.37%	➡	Small Blend	Fidelity Small Cap Index	fsnax	0.03%
T. Rowe Price QM US Small-Cap Gr Eq I	tqaix	\$4,082,547	0.78%	➡	Small Growth	Hood River Small-Cap Growth Retirement	hrsix	1.00%
T. Rowe Price Real Estate	trrex	\$2,484,821	0.86%	➡	Mid Blend	Fidelity Mid Cap Index	fsmdx	0.03%
BlackRock EAFE Equity Index Coll F	n/a	\$2,985,816	0.32%	➡	Int'l Blend	Fidelity Total Intl Index	ftihx	0.06%
American Funds EuroPacific Gr R5	refx	\$5,227,164	0.66%	➡	Int'l Growth	American Funds Europacific Growth R6	regrx	0.49%
American Funds New Perspective R2E	rpebx	\$4,924,108	1.36%	➡	Int'l Growth	American Funds Europacific Growth R6	regrx	0.49%
Great-West Aggressive Profile Fund Instl	mxgtx	\$8,339,881	0.94%	➡	2060	Vanguard Target Retirement 2060 Inv	vttsx	0.15%
Great-West Mod Aggressive Profile Fund Instl	mxhrx	\$5,898,069	0.80%	➡	2035	Vanguard Target Retirement 2035 Inv	vtthx	0.14%
Great-West Mod Profile Fund Instl	mxitx	\$6,990,227	0.71%	➡	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%
Great-West Mod Conservative Profile Fund Instl	mxjux	\$1,930,336	0.62%	➡	2015	Vanguard Target Retirement 2015 Inv	vtvx	0.13%
Great-West Conservative Profile Fund Instl	mxkvx	\$2,271,577	0.57%	➡	Income	Vanguard Target Retirement Income Inv	vtinx	0.13%
Great-West Lifetime 2015 Fund Instl	mxnyx	\$96,630	0.64%	➡	2015	Vanguard Target Retirement 2015 Inv	vtvx	0.13%
Great-West Lifetime 2025 Fund Instl	mxqbx	\$2,753,671	0.68%	➡	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%
Great-West Lifetime 2035 Fund Instl	mxtbx	\$2,821,269	0.71%	➡	2035	Vanguard Target Retirement 2035 Inv	vtthx	0.14%
Great-West Lifetime 2045 Fund Instl	mxwex	\$2,193,538	0.73%	➡	2045	Vanguard Target Retirement 2045 Inv	vtivx	0.15%
Great-West Lifetime 2055 Fund Instl	mxzbx	\$450,669	0.73%	➡	2055	Vanguard Target Retirement 2055 Inv	vffvx	0.15%
Great-West SecureFoundation Bal Instl	mxcjx	\$1,006,896	1.30%	➡	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%
Great-West SecureFoundation LT 2015 Inv	mxsjx	\$639,673	1.67%	➡	2015	Vanguard Target Retirement 2015 Inv	vtvx	0.13%
Great-West SecureFoundation LT 2020 Inv	mxsmx	\$451,926	1.67%	➡	2020	Vanguard Target Retirement 2020 Inv	vtwnx	0.13%
Great-West SecureFoundation LT 2025 Inv	mxsnx	\$216,004	1.67%	➡	2025	Vanguard Target Retirement 2025 Inv	vttvx	0.14%
Great-West SecureFoundation LT 2030 Inv	mxsqx	\$52,262	1.69%	➡	2030	Vanguard Target Retirement 2030 Inv	vtthx	0.14%
Great-West SecureFoundation LT 2035 Inv	mxsrx	\$257,292	1.71%	➡	2035	Vanguard Target Retirement 2035 Inv	vtthx	0.14%
Great-West SecureFoundation LT 2040 Inv	mxdsx	\$9,159	1.72%	➡	2040	Vanguard Target Retirement 2040 Inv	vforx	0.15%
Great-West SecureFoundation LT 2045 Inv	mxstx	\$184,194	1.73%	➡	2045	Vanguard Target Retirement 2045 Inv	vtivx	0.15%
Great-West SecureFoundation LT 2050 Inv	mxfsx	\$61,398	1.73%	➡	2050	Vanguard Target Retirement 2050 Inv	vfifx	0.15%
Great-West SecureFoundation LT 2055 Inv	mxsyx	\$10,617	1.73%	➡	2055	Vanguard Target Retirement 2055 Inv	vffvx	0.15%

Black = fund change

Blue = share class change

Excludes loan and brokerage assets. All assets as of March 31, 2018.

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COUNTY OF MONTEREY, CALIFORNIA

457(b) Deferred Compensation Plan - Proposed Lineup

PERFORMANCE REVIEW

Fourth Quarter 2018

	QTR	YTD	1Yr	<i>Annualized</i>			2017	2016	2015	2014	2013	2012
				3Yr	5Yr	10Yr						
Sterling Capital Total Return Bond R6	1.06	0.27	0.27	2.59	2.84	4.52	4.33	3.75	0.54	5.99	0.97	6.14
BBgBarc Capital US Aggregate Bond Index	1.64	0.01	0.01	2.06	2.52	3.48	3.54	2.65	0.55	5.97	-2.02	4.21
+/- Index	(0.57)	(0.28)	(0.28)	0.53	0.32	1.05	0.79	1.10	(0.01)	0.02	1.05	1.93
US Fund Intermediate-Term Bond	48	40	40	26	18	43	28	31	21	28	30	60
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Fidelity US Bond Index	1.70	0.01	0.01	2.00	2.51	3.49	3.50	2.52	0.63	5.99	2.19	4.23
BBgBarc Capital US Aggregate Bond Index	1.64	0.01	0.01	2.06	2.52	3.48	3.54	2.65	0.55	5.97	-2.02	4.21
+/- Index	0.06	0.00	0.00	(0.06)	(0.01)	0.01	(0.04)	(0.13)	0.08	0.02	(0.17)	0.02
US Fund Intermediate-Term Bond	11	29	29	56	35	75	57	66	18	26	69	82
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
DFA US Large Cap Value I	14.72	11.65	11.65	7.71	5.83	13.17	18.97	18.89	3.49	10.07	40.32	22.05
Russell 1000 Value Index	-11.72	-8.27	-8.27	6.95	5.95	11.18	13.66	17.34	-3.83	13.45	32.53	17.51
+/- Index	(3.00)	(3.38)	(3.38)	0.76	(0.12)	1.99	5.30	1.55	0.33	(3.39)	7.80	4.54
US Fund Large Value	80	83	83	31	40	7	20	14	46	60	3	1
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Fidelity 500 Index	13.53	4.40	4.40	9.25	8.48	13.10	21.81	11.97	1.38	13.66	32.37	15.99
S&P 500 Index	-13.52	-4.38	-4.38	9.26	8.49	13.12	21.83	11.96	1.38	13.69	32.39	16.00
+/- Index	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	0.01	0.00	(0.03)	(0.01)	(0.01)
US Fund Large Blend	43	25	25	14	9	19	28	26	20	18	41	35
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
T. Rowe Price Instl Large Cap Growth	12.85	4.32	4.32	13.93	12.09	18.12	37.82	2.85	10.08	8.72	44.44	17.55
Russell 1000 Growth Index	-15.89	-1.51	-1.51	11.15	10.40	15.29	30.21	7.08	5.67	13.05	33.48	15.26
+/- Index	3.04	5.83	5.83	2.78	1.69	2.83	7.61	(4.22)	4.41	(4.33)	10.95	2.30
US Fund Large Growth	13	7	7	3	4	4	3	52	7	66	3	25

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	QTR	YTD	1Yr	<i>Annualized</i>			2017	2016	2015	2014	2013	2012
				3Yr	5Yr	10Yr						
Wells Fargo Special Mid Cap Value R6	13.74	13.02	13.02	5.60	5.15	12.95	11.27	21.68	2.65	12.12	39.13	18.91
Russell Mid Cap Value Index	-14.95	-12.29	-12.29	6.06	5.44	13.03	13.34	20.00	-4.78	14.75	33.46	18.51
+/- Index	1.21	(0.74)	(0.74)	(0.45)	(0.29)	(0.08)	(2.07)	1.69	2.13	(2.63)	5.68	0.41
US Fund Mid-Cap Value	26	50	50	45	26	22	71	20	24	25	16	21
Fidelity Mid Cap Index	15.32	9.05	9.05	7.05	6.25		18.47	13.86	2.44	13.11	34.78	17.22
Russell Mid Cap Index	-15.37	-9.06	-9.06	7.04	6.26	14.03	18.52	13.80	-2.44	13.22	34.76	17.28
+/- Index	0.06	0.01	0.01	0.01	(0.01)	-	(0.05)	0.07	0.00	(0.10)	0.02	(0.06)
US Fund Mid-Cap Blend	35	29	29	40	14	-	24	59	27	7	45	41
MFS Mid Cap Growth R6	15.70	1.28	1.28	10.27	8.85	15.35	26.39	4.75	4.60	8.95	37.27	16.18
Russell Mid Cap Growth Index	-15.99	-4.75	-4.75	8.59	7.42	15.12	25.27	7.33	-0.20	11.90	35.74	15.81
+/- Index	0.29	6.03	6.03	1.68	1.43	0.23	1.12	(2.58)	4.80	(2.95)	1.53	0.38
US Fund Mid-Cap Growth	28	9	9	14	10	11	31	55	9	32	28	25
DFA US Targeted Value I	20.00	15.78	15.78	5.40	2.59	11.94	9.59	26.86	5.72	2.94	43.03	19.19
Russell 2000 Value Index	-18.67	-12.86	-12.86	7.37	3.61	10.40	7.84	31.74	-7.47	4.22	34.52	18.05
+/- Index	(1.33)	(2.92)	(2.92)	(1.97)	(1.02)	1.54	1.75	(4.88)	1.75	(1.28)	8.50	1.14
US Fund Small Value	59	55	55	44	44	32	40	40	46	65	10	23
Fidelity Small Cap Index	20.17	10.88	10.88	7.58	4.63		14.85	21.63	4.24	5.19	39.02	16.38
Russell 2000 Index	-20.20	-11.01	-11.01	7.36	4.41	11.97	14.65	21.31	-4.41	4.89	38.82	16.35
+/- Index	0.03	0.14	0.14	0.21	0.22	-	0.20	0.32	0.17	0.30	0.20	0.03
US Fund Small Blend	65	33	33	25	21	-	22	40	44	40	33	34

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	QTR	YTD	1Yr	<i>Annualized</i>			2017	2016	2015	2014	2013	2012
				3Yr	5Yr	10Yr						
Hood River Small Cap Growth Ret	24.27	6.78	6.78	8.52	6.94	15.33	20.78	13.50	0.80	8.56	43.94	23.06
Russell 2000 Growth Index	-21.65	-9.31	-9.31	7.24	5.13	13.52	22.17	11.32	-1.38	5.60	43.30	14.59
+/- Index	(2.62)	2.53	2.53	1.28	1.80	1.81	(1.38)	2.18	2.18	2.96	0.64	8.47
US Fund Small Growth	93	59	59	48	19	17	51	30	20	7	35	1
Hartford Schoders Intl Multi Cap Value SDR	12.44	15.23	15.23	4.41	0.84	8.62	23.27	8.94	4.56	4.04	18.57	19.45
MSCI ACWI Ex-USA Value (Net) Index	-10.71	-13.97	-13.97	4.75	-0.38	5.95	22.66	8.92	-10.06	-5.10	15.04	16.97
+/- Index	(1.74)	(1.26)	(1.26)	(0.34)	1.22	2.67	0.61	0.02	5.50	1.06	3.53	2.48
US Fund Foreign Large Value	43	43	43	17	11	7	41	13	66	26	73	27
Fidelity Total International Index	11.71	14.38	14.38				27.63					
MSCI ACWI Ex-USA IMI (Net) Index	-11.88	-14.76	-14.76	4.39	0.85	6.97	27.81	4.41	-4.60	-3.89	15.82	17.04
+/- Index	0.17	0.37	0.37	-	-	-	(0.18)	-	-	-	-	-
US Fund Foreign Large Blend	27	49	49	-	-	-	22	-	-	-	-	-
American Funds EuroPacific Growth R6	12.59	14.91	14.91	4.08	1.86	7.69	31.17	1.01	0.48	2.29	20.58	19.64
MSCI AC World Ex-USA Growth (Net) Index	-12.20	-14.43	-14.43	4.19	1.69	7.15	32.01	0.12	-1.25	-2.65	15.49	16.67
+/- Index	(0.39)	(0.48)	(0.48)	(0.11)	0.17	0.54	(0.84)	0.89	0.77	0.36	5.09	2.97
US Fund Foreign Large Growth	33	58	58	33	36	42	44	20	66	27	36	34
Vanguard Target Retirement Income Inv	3.20	1.99	1.99	3.82	3.35	5.92	8.47	5.25	0.17	5.54	5.87	8.23
Vanguard Retirement Income Index	-3.24	-1.98	-1.98	3.92	3.51	6.05	8.67	5.35	0.12	5.76	6.03	8.42
+/- Index	0.04	(0.01)	(0.01)	(0.10)	(0.16)	(0.13)	(0.19)	(0.10)	(0.30)	(0.23)	(0.15)	(0.19)
US Fund Target-Date Retirement	28	21	21	32	18	49	62	41	7	19	56	67

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	QTR	YTD	1Yr	<i>Annualized</i>			2017	2016	2015	2014	2013	2012
				3Yr	5Yr	10Yr						
Vanguard Target Retirement 2015 Inv	4.65	2.97	2.97	4.72	4.03	7.84	11.50	6.16	0.46	6.56	13.00	11.37
Vanguard Retirement 2015 Index	-4.66	-2.88	-2.88	4.87	4.21	7.95	11.61	6.40	-0.22	6.77	13.27	11.46
+/- Index	0.01	(0.09)	(0.09)	(0.15)	(0.18)	(0.11)	(0.11)	(0.24)	(0.24)	(0.21)	(0.27)	(0.09)
US Fund Target-Date 2015	25	20	20	38	17	39	44	56	11	3	21	34
Vanguard Target Retirement 2020 Inv	6.50	4.24	4.24	5.32	4.44	8.53	14.08	6.95	0.68	7.11	15.85	12.35
Vanguard Retirement 2020 Index	-6.47	-4.14	-4.14	5.47	4.64	8.75	14.22	7.17	-0.40	7.37	16.21	12.47
+/- Index	(0.03)	(0.10)	(0.10)	(0.15)	(0.20)	(0.22)	(0.14)	(0.22)	(0.28)	(0.26)	(0.36)	(0.12)
US Fund Target-Date 2020	59	42	42	18	4	23	17	29	23	1	18	36
Vanguard Target Retirement 2025 Inv	7.74	5.15	5.15	5.73	4.66	9.06	15.94	7.48	0.85	7.17	18.14	13.29
Vanguard Retirement 2025 Index	-7.73	-5.01	-5.01	5.89	4.87	9.29	16.08	7.66	-0.58	7.45	18.52	13.39
+/- Index	(0.01)	(0.14)	(0.14)	(0.15)	(0.20)	(0.24)	(0.14)	(0.18)	(0.27)	(0.28)	(0.38)	(0.10)
US Fund Target-Date 2025	61	42	42	18	5	24	21	23	24	4	24	43
Vanguard Target Retirement 2030 Inv	8.86	5.86	5.86	6.07	4.82	9.57	17.52	7.85	1.03	7.17	20.49	14.24
Vanguard Retirement 2030 Index	-8.82	-5.74	-5.74	6.24	5.04	9.81	17.65	8.11	-0.80	7.51	20.88	14.31
+/- Index	(0.04)	(0.12)	(0.12)	(0.17)	(0.22)	(0.24)	(0.13)	(0.26)	(0.23)	(0.34)	(0.39)	(0.07)
US Fund Target-Date 2030	48	37	37	25	11	22	34	32	31	5	25	38
Vanguard Target Retirement 2035 Inv	9.93	6.58	6.58	6.41	4.99	10.04	19.12	8.26	1.26	7.24	22.82	15.16
Vanguard Retirement 2035 Index	-9.91	-6.48	-6.48	6.57	5.21	10.29	19.24	8.55	-1.02	7.57	23.27	15.23
+/- Index	(0.02)	(0.10)	(0.10)	(0.17)	(0.21)	(0.25)	(0.12)	(0.29)	(0.24)	(0.33)	(0.45)	(0.07)
US Fund Target-Date 2035	41	32	32	24	12	21	35	32	37	10	23	41

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Fourth Quarter 2018

	QTR	YTD	1Yr	<i>Annualized</i>			2017	2016	2015	2014	2013	2012
				3Yr	5Yr	10Yr						
Vanguard Target Retirement 2040 Inv	11.03	7.32	7.32	6.75	5.10	10.26	20.71	8.73	1.59	7.15	24.37	15.56
Vanguard Retirement 2040 Index	-10.98	-7.22	-7.22	6.92	5.37	10.53	20.87	8.98	-1.25	7.61	24.79	15.58
+/- Index	(0.05)	(0.11)	(0.11)	(0.17)	(0.26)	(0.27)	(0.16)	(0.25)	(0.34)	(0.46)	(0.42)	(0.02)
US Fund Target-Date 2040	51	37	37	18	11	17	25	27	43	12	16	31
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Vanguard Target Retirement 2045 Inv	11.78	7.90	7.90	6.78	5.13	10.26	21.42	8.87	1.57	7.16	24.37	15.58
Vanguard Retirement 2045 Index	-11.73	-7.77	-7.77	6.95	5.39	10.54	21.54	9.13	-1.25	7.61	24.79	15.58
+/- Index	(0.05)	(0.13)	(0.13)	(0.17)	(0.26)	(0.27)	(0.11)	(0.26)	(0.32)	(0.45)	(0.42)	0.00
US Fund Target-Date 2045	50	43	43	21	12	23	26	28	42	12	27	43
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Vanguard Target Retirement 2050 Inv	11.79	7.90	7.90	6.77	5.12	10.27	21.39	8.85	1.58	7.18	24.34	15.58
Vanguard Retirement 2050 Index	-11.73	-7.77	-7.77	6.95	5.39	10.54	21.54	9.13	-1.25	7.61	24.79	15.58
+/- Index	(0.06)	(0.13)	(0.13)	(0.18)	(0.26)	(0.27)	(0.14)	(0.28)	(0.32)	(0.43)	(0.45)	0.01
US Fund Target-Date 2050	47	37	37	22	14	19	38	29	45	16	30	44
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Vanguard Target Retirement 2055 Inv	11.76	7.89	7.89	6.77	5.10		21.38	8.88	1.72	7.19	24.33	15.58
Vanguard Retirement 2055 Index	-11.73	-7.77	-7.77	6.95	5.39	-	21.54	9.13	-1.25	7.61	24.79	15.58
+/- Index	(0.03)	(0.12)	(0.12)	(0.18)	(0.28)	-	(0.16)	(0.25)	(0.46)	(0.42)	(0.46)	0.01
US Fund Target-Date 2055	41	37	37	24	17	-	48	27	53	16	36	48
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2017	2016	2015	2014	2013	2012
Vanguard Target Retirement 2060 Inv	11.77	7.87	7.87	6.76	5.10		21.36	8.84	1.68	7.16	24.35	
Vanguard Retirement 2060 Index	-11.73	-7.77	-7.77	6.95	5.39	-	21.54	9.13	-1.25	7.61	24.79	15.58
+/- Index	(0.04)	(0.10)	(0.10)	(0.18)	(0.29)	-	(0.18)	(0.28)	(0.43)	(0.45)	(0.44)	-
US Fund Target-Date 2060+	34	34	34	32	1	-	53	21	46	8	1	-