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PORTLAND, OR 97223

Item 10

DATE: March 8, 2018

TO: Deferred Compensation Management Council

FROM: Brent Petty, NWCM, Inc.

SUBJECT: Fourth Quarter Investment Performance Report (Executive Summary)

Capital Markets

Name	YTD (as of 1/31/2018)	Q4 2017	1 Year (as of 1/31/2018)
S&P 500 TR USD	5.73	6.64	26.30
S&P MidCap 400 TR	2.87	6.25	17.94
S&P SmallCap 600 TR USD	2.53	3.96	17.56
MSCI EAFE NR USD	5.02	4.23	27.75
MSCI EM NR USD	8.33	7.44	40.41
BBgBarc US Agg Bond TR USD	-1.15	0.39	2.29

	1/31/2018	9/30/2017	1/31/2017
10-Year Treasury Yield	2.72%	2.33%	2.45%

Fourth Quarter (Complete Quarterly Investment Report is provided as Exhibit A)

Equity markets continued to deliver strong results in the fourth quarter of 2017 with emerging market, international developed market and domestic large cap equities continuing to outperform. Fixed Income continued to underperform equities, but still yielded positive absolute returns

All major fixed income sectors ended the quarter with positive returns, except U.S. short duration as a third Fed Rate hike occurred in December

Economic Factors

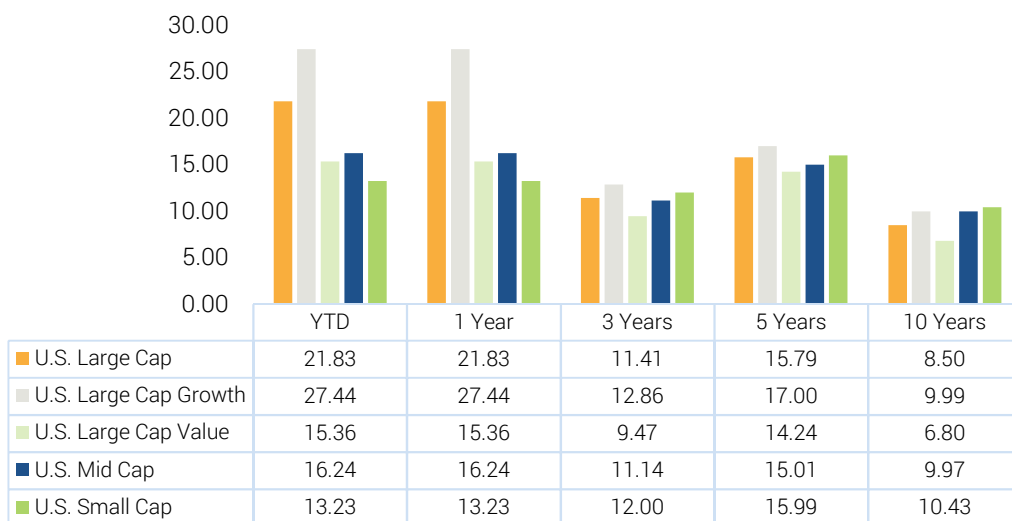
The U.S. economy has continued its positive trend. Major economic indicators have been positive, and tax cuts should further support the economy

CPI increased 0.4% and remains steady at 2.1% over the trailing 12-months. While PMI was 59.7% for December, marking a 1.5% increase from November

Crude oil prices increased and hit a 2 ½ year high due to a decrease in supply.

US Equity

Trailing Returns

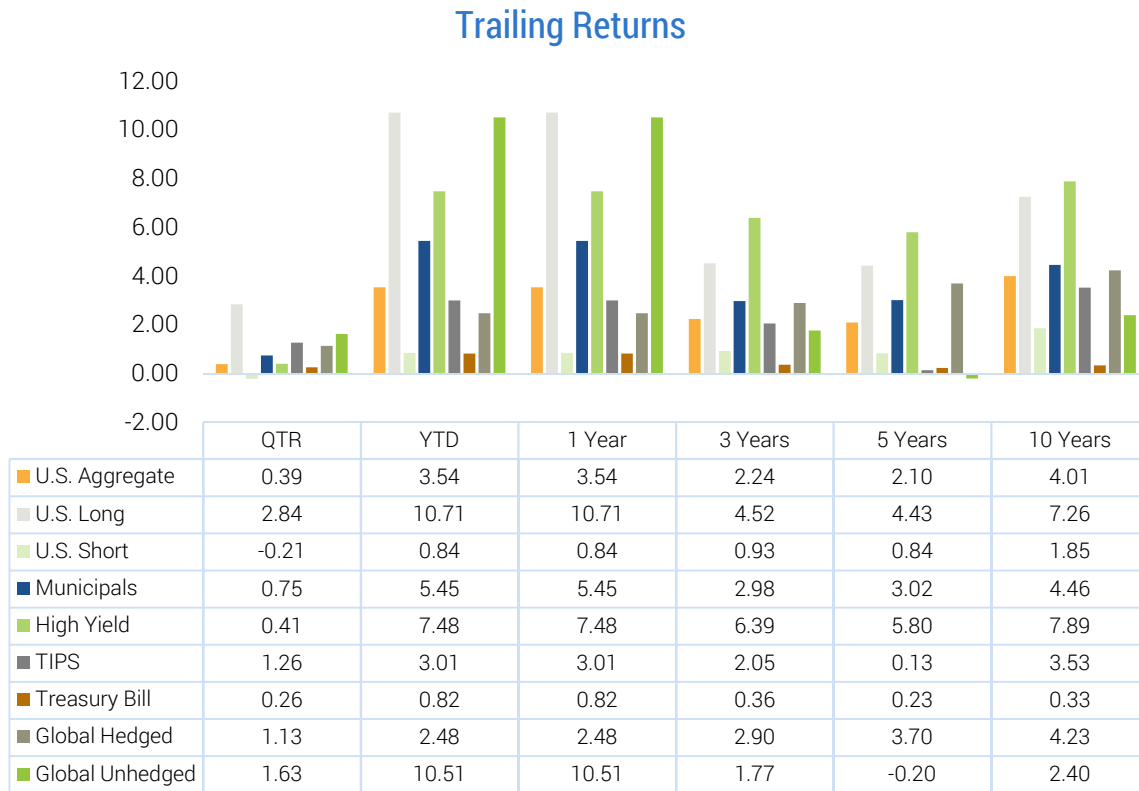


International Developed Equity

Trailing Returns



Fixed Income Insights



Investments

All of the County's current investment options comply with investment policy performance criteria.

- In July 2017, the RidgeWorth Seix Total Return Bond R6 (SAMZX) changed its name to Virtus Seix Total Return Bond R6 (SAMZX)
- Great-West's target date collective trusts series and stable value remain on Watch, due to the departure of manager Cathe Tocher and President of Investments David Musto. If the funds continue to perform, NWCM will consider taking the target dates and stable value off watch by Q1 2018.
- An updated fund watch report has been included as **Exhibit B**.
- A review of the Great West Lifetime Trusts Series has been provided in **Exhibit C**.

RFP for Stable Value Investment Management services

The complete Stable Value Search report has been provided in **Item 11**.

Recommended Actions

1. **Maintain both the Great-West Lifetime Target Date CITs and the Great West Stable Value fund on watch, as additional due-diligence is completed.**



Quarterly Report - December 31, 2017

County of Fresno

457 DC Plan

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NWCM

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Market Overview

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Retirement

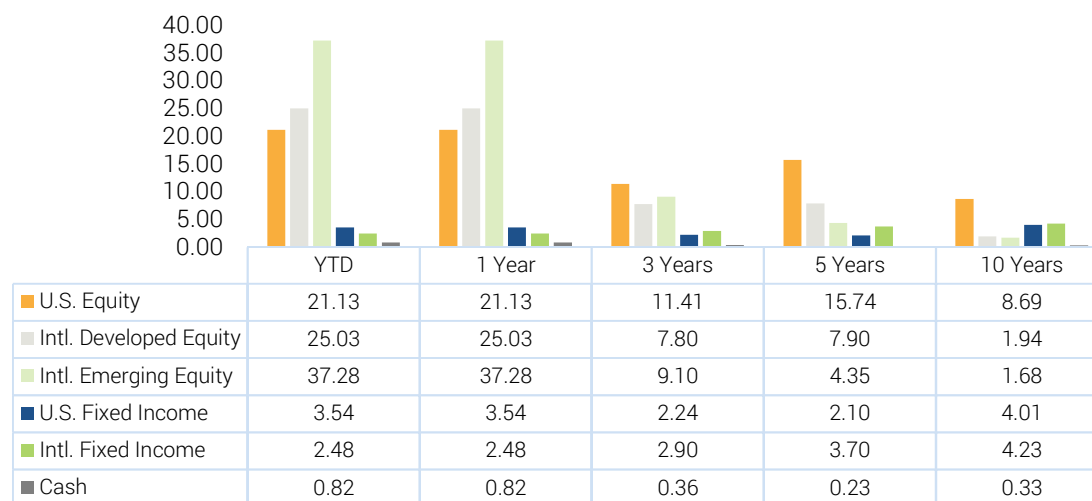
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Market Performance Summary

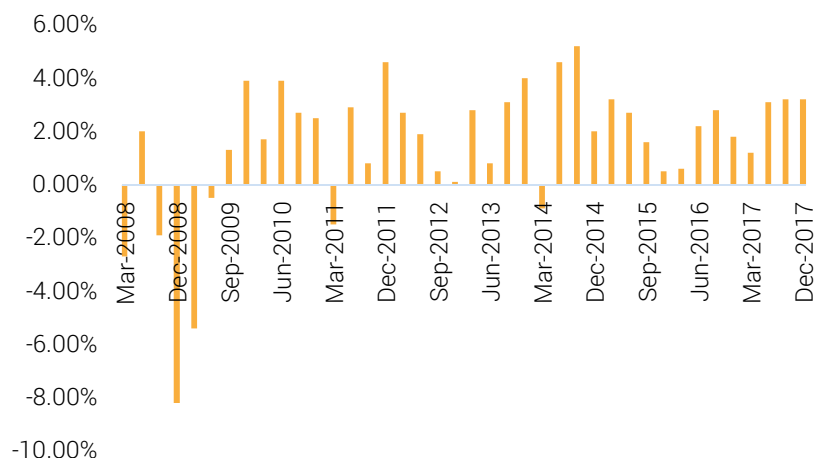
As of 12/31/2017

Another strong quarter for equities is in the books and 2017 finished strong. U.S. markets had solid performance coupled with a lack of volatility. The discussion and the passing of corporate tax reform benefitted equities coupled with strong Q3 earnings. International markets were equally strong with Emerging market stocks outpacing nearly all other indices. A weaker dollar with accommodating central banks have been the primary driver for these markets. GDP growth was above 3% in Q3'17 and is expected to be strong again in Q4. Fixed income continued to underperform equities but still yielded positive absolute returns. With the anticipated Federal Reserve rate hikes, we have started to see a rise in short-term rates.

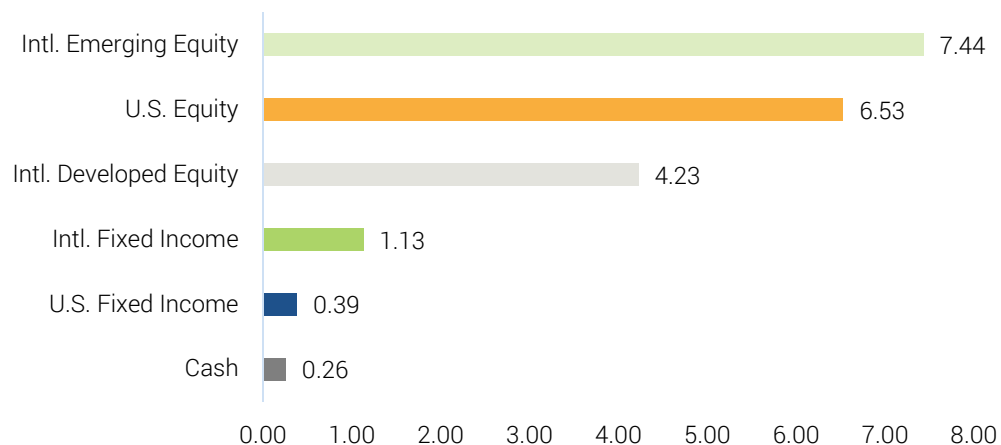
Trailing Returns



1-Q Change in GDP



Quarterly Performance

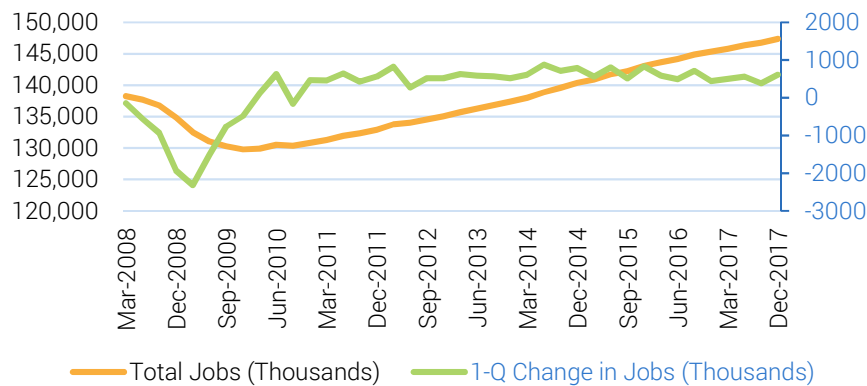


Economic Factors

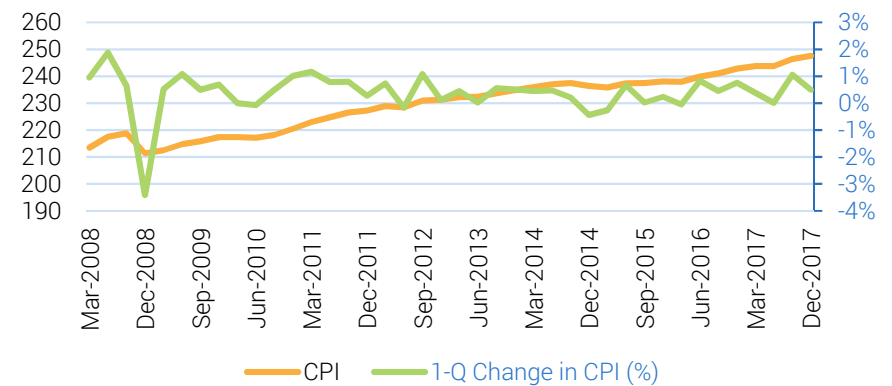
As of 12/31/2017

Continuing the trend from Q2 and Q3, Economic data in the U.S. remains positive. The December jobs report noted that non-farm payrolls increased 148,000 and unemployment dropped to 4.1%. The non-farm payrolls were a little below consensus but came off the back of a strong October and November. The Consumer Price Index (CPI) increased another 0.4% in the month of November and now stands at 2.2% on a 12-month basis. The energy index rose 4.9% and accounted for three-fourths of the increase in CPI. The ISM Producer Manufacturing Index (PMI) was 59.7% for December, a 1.5% sequential increase from November and just slightly lower than the recent high in September. Consumer Confidence measured by the Conference Board dropped slightly in December but this was measured before the tax cuts were approved by Congress. Crude oil prices have started to increase and hit a 2.5 year high due to a supply drop and the unrest in Iran. In general, commodity prices have been moderately increasing.

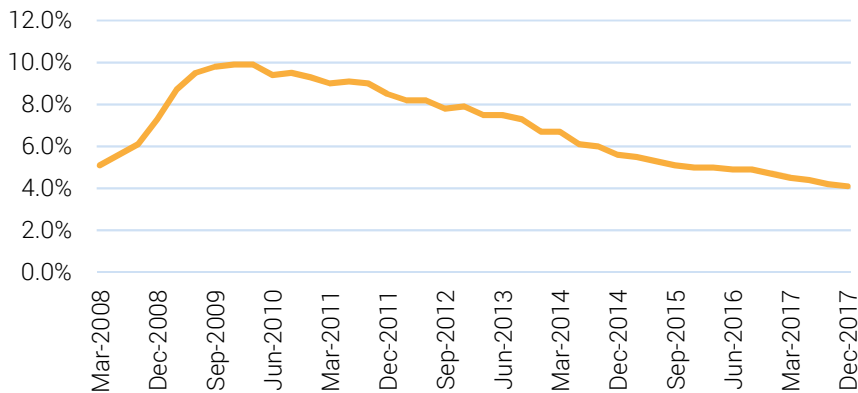
Jobs Market



CPI



Unemployment Rate



Crude Oil Price per Barrel

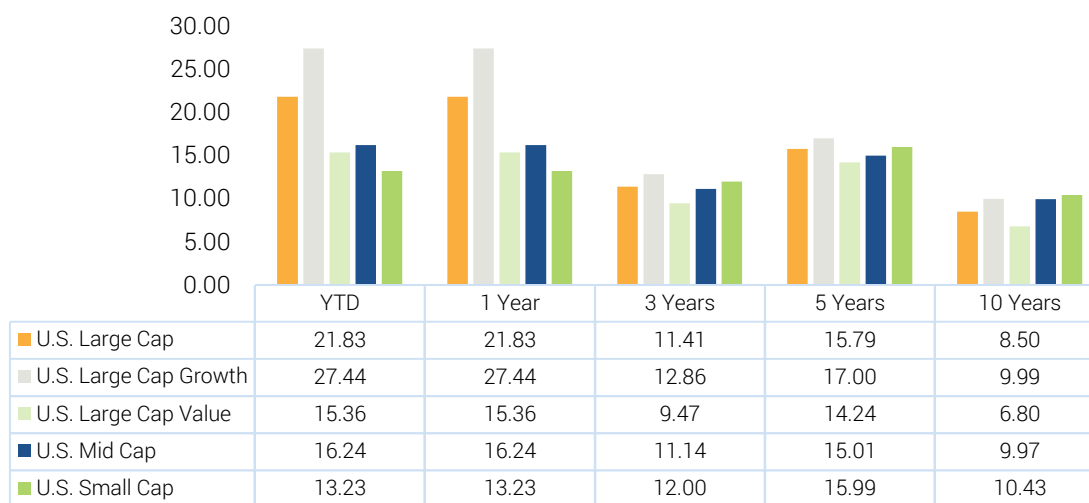


U.S. Equity

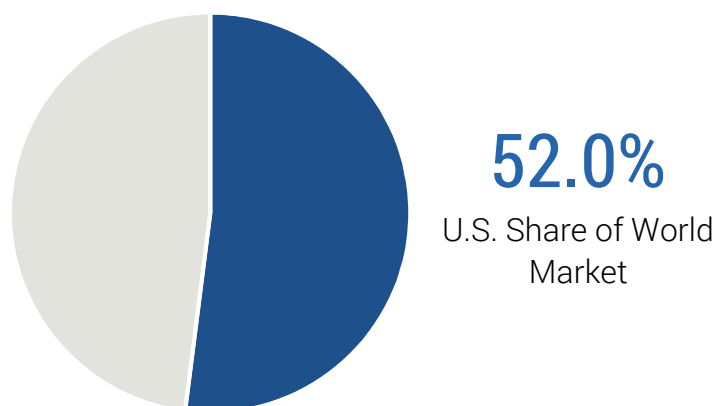
As of 12/31/2017

U.S. equities enjoyed a very good quarter and year. Stocks in the U.S. were up every month of the year the first time that has happened since 1958. The rally was broad based except for defensive sectors such as utilities, telecommunications and REITs. Some of the strength in 2017 and in Q4 was based on expectations of stronger corporate earnings post due to a corporate tax cut. Additionally, earnings momentum during 2017 was robust with average S&P 500 earnings up 6% year-over-year in Q3. Growth stocks continued to outperform value stocks in the quarter, as has been the trend all year. For the quarter, large-cap and mid-cap stocks outperformed while small-cap equities trailed.

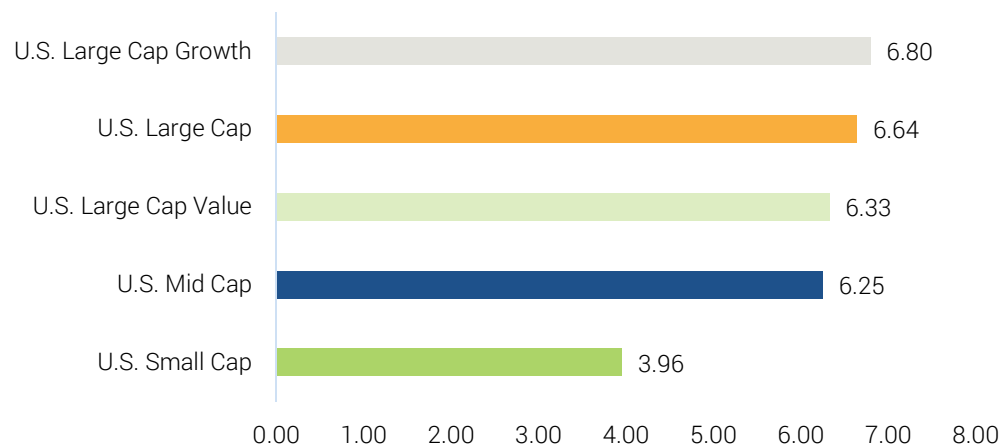
Trailing Returns



World Equity Market Capitalization



Quarterly Performance

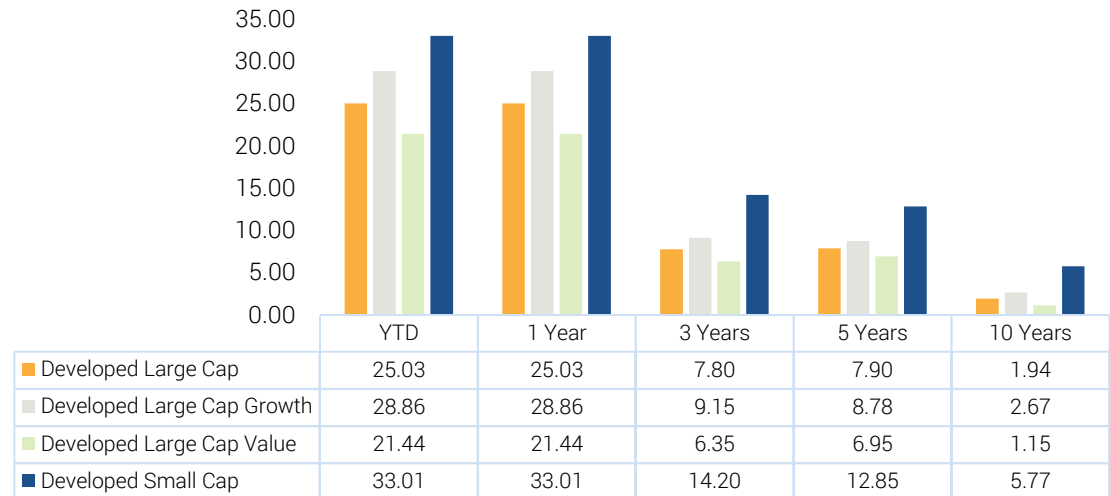


International Developed Equity

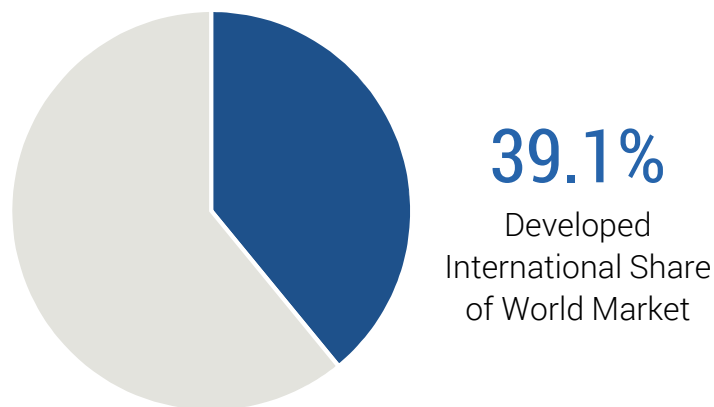
As of 12/31/2017

International developed markets also had a strong year and quarter. Japanese equities lead the way with the TOPIX up nearly 22.2% in the year and up 8.7% in Q4. Earnings were the primary driver with 16% year-over-year growth in Q3 due to a pick-up in global trade. Eurozone earnings have also been strong, up nearly 10% year-over-year, in Q3. However, equities within the region delivered flat returns in the quarter. UK equities underperformed most regions in 2017. Part of the reason has been the strength in the pound as Brexit talks have continued. Meanwhile, UK consumer confidence has deteriorated in contrast to other regions.

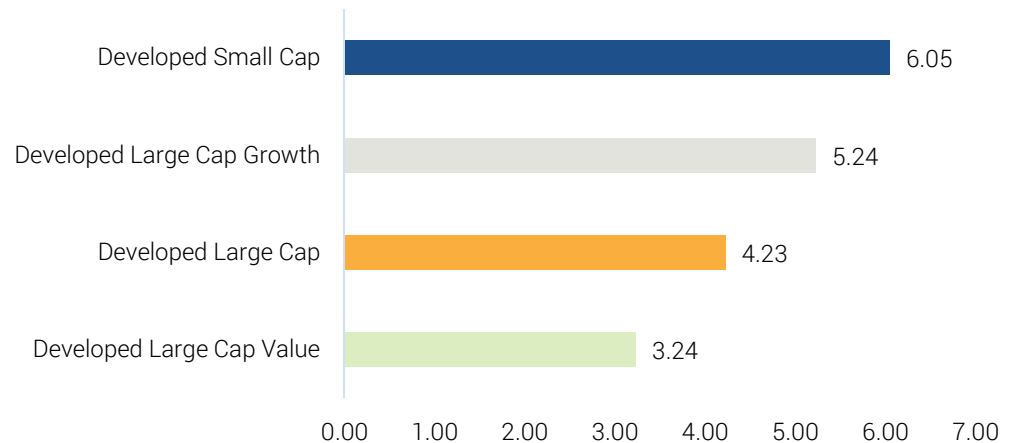
Trailing Returns



World Equity Market Capitalization



Quarterly Performance

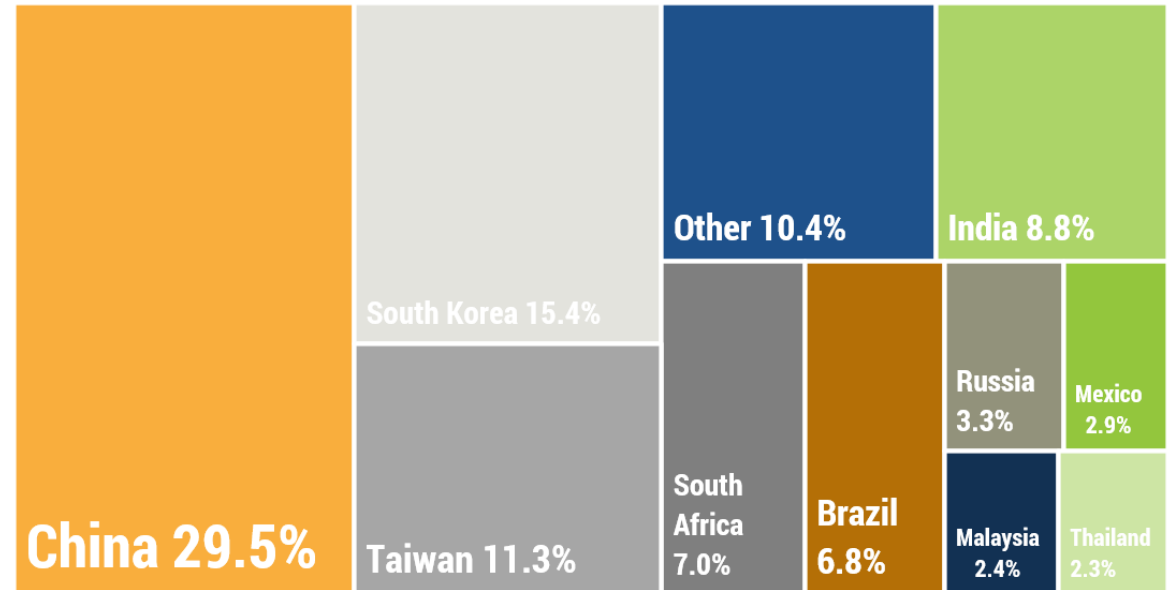


Emerging Markets Equity

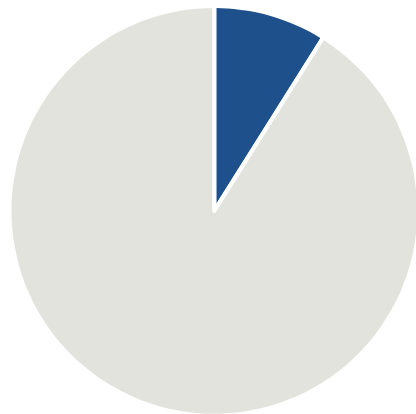
Asia and emerging markets equities continued to have strong performance in Q4 and have been the best performing region within global markets in 2017. A weak dollar has been a key driver. Earnings have also improved as we had a rebound in 2017 off a low base. Technology names within the region rallied significantly and constitutes nearly 25% of the MSCI EM index. Chinese equities were also strong in the quarter in part due to the technology focus as well as President Xi's re-election. Beyond Asia, commodity prices such as copper also added to growth in other regions.

As of 12/31/2017

Emerging Markets Index - Top 10 Represented Countries



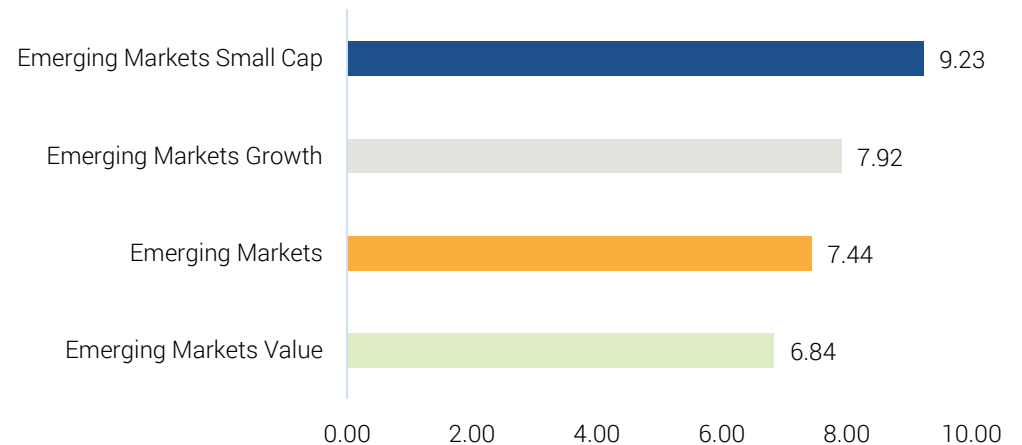
World Equity Market Capitalization



8.9%

Emerging Markets
Share of World
Market

Quarterly Performance

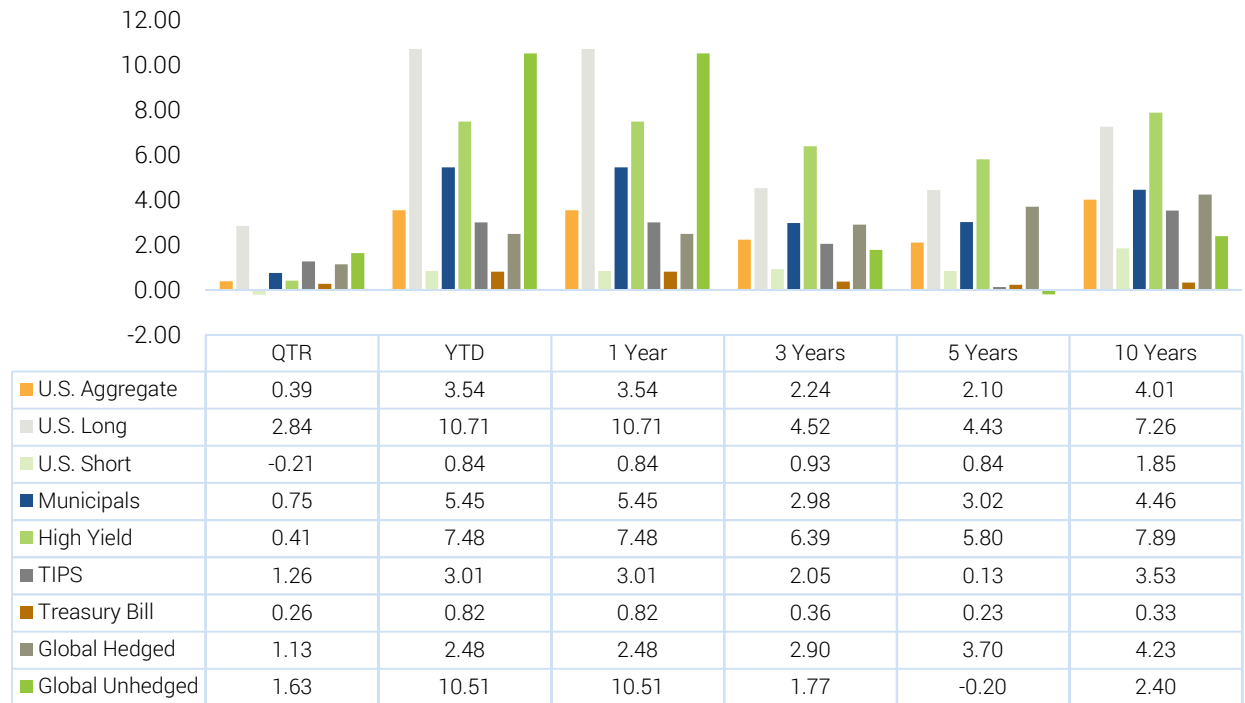


Fixed Income

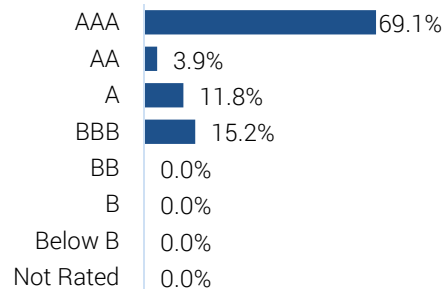
As of 12/31/2017

Fixed income issuances put a positive absolute return in Q4 and 2017. The Fed raised rates for the third time all year in December. Additionally, they began to unwind their balance sheet in October by letting its holdings mature. Core inflation still did not meaningfully appear as most had expected, particularly as unemployment continued to fall and GDP remained robust. Shorter dated treasuries did see yields increase and has led to a flattening of the yield curve. The European Central Bank did announce in October that it will reduce its monthly quantitative easing purchases starting in January but will continue make purchases for the foreseeable future.

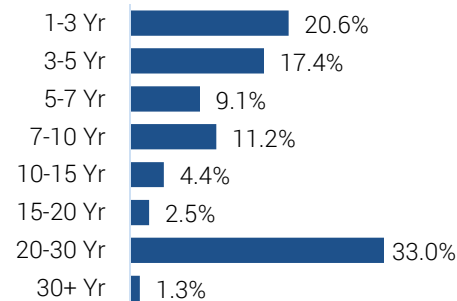
Trailing Returns



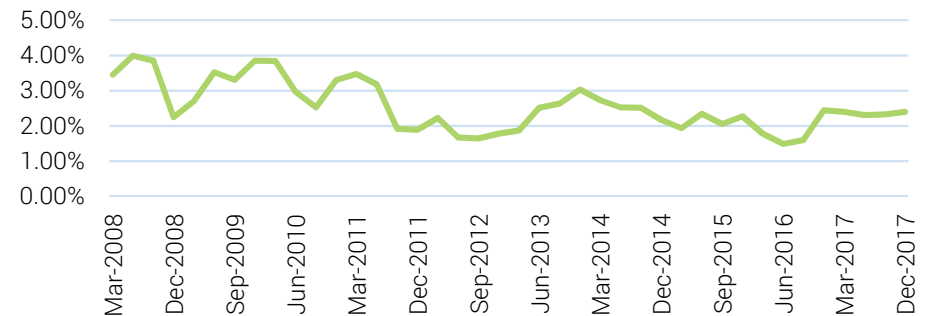
U.S. Aggregate Quality Distribution



U.S. Aggregate Maturity Distribution



10-Year Treasury Yield



Legislative and Regulatory Update

Fiduciary Rule

- › In Q4 2017, the Department of Labor (DOL) finalized an 18-month delay on full implementation of the fiduciary rule. The delay moves the effective date of full implementation from January 1, 2018 to July 1, 2019. Over the next 18 months, the DOL will review public comments and consider how the fiduciary rule may affect access to financial advice and retirement information for Americans.

Source: <https://www.planadviser.com/dol-allows-18-month-extension-fiduciary-rules-full-implementation/>

The Fed

- › On January 23, 2018, Jerome Powell was confirmed by the Senate as the next Chairman of the Federal Reserve. Following the expiration of Janet Yellen's term on February 3, 2018, Powell is likely to continue the normalization of the Federal Reserve by slowly increasing rates and reducing the Federal Reserve's balance sheet.
- › After meeting in December 2017, Fed policymakers increased short-term rates by a quarter percentage point to a range of 1.25% – 1.50%. This was the third rate increase of 2017, with three to four rate increases predicted in 2018 under Powell's leadership.

Source: <https://www.usatoday.com/story/money/economy/2017/12/13/federal-reserve-december-decision-janet-yellen-interest-rates/946193001/>

Corporate Tax Cuts

- › On December 20, 2017, both the U.S. Senate and House of Representatives approved a \$1.5 trillion tax bill that will lower the corporate tax rate from 35% to 21%. The bill is now awaiting President Trump's signature. Some additional highlights of the bill include a repeal of the corporate alternative minimum tax, a decrease in individual tax rates and a \$10,000 state and local tax deductions cap.

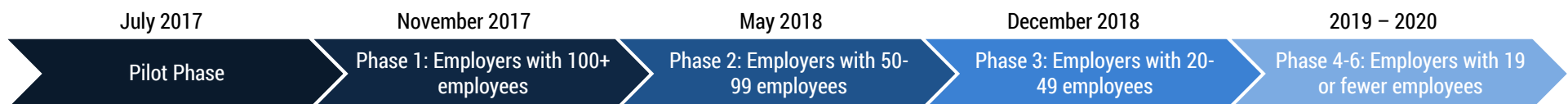
Source: <https://www.reuters.com/article/us-usa-tax/house-gives-final-approval-to-tax-bill-delivering-victory-to-trump-idUSKBN1ED16V>

<http://www.cnn.com/2017/12/20/politics/house-senate-trump-tax-bill/index.html>

<http://money.cnn.com/2017/12/15/news/economy/gop-tax-plan-details/index.html>

OregonSaves

- › Nov 15, 2017 marked the first registration deadline for OregonSaves, a state-sponsored Roth IRA plan for the employees of Oregon businesses. This deadline applied only to employers with 100+ employees. The subsequent registration deadlines will be implemented in the phases below:



Source: <http://www.oregon.gov/treasury/Newsroom/Pages/ViewArticle.aspx?pressReleaseID=201>

<https://www.oregonsaves.com/>

<http://www.cnn.com/2017/09/21/politics/donald-trump-north-korea-sanctions/index.html>

2017 Retirement Bills

- › Several bills were introduced before the end of Q4 2017 that have the potential to impact retirement plans in the future:
 - ARPA (Automatic Retirement Plan Act)
 - ARPA would require employers to offer a 401(k) or 403(b) plan, with exceptions for governments, churches, and companies with fewer than 10 employees or less than three years of business.
 - Retirement Plan Simplification and Enhancement Act of 2017
 - This bill modifies the current automatic enrollment safe harbor cap and establishes a new safe harbor to incentivize employers to defer more than the 3% of salary minimum.

- RETIRE (Receiving Electronic Statements to Improve Retiree Earnings) Act
 - RETIRE would make electronic delivery the default for retirement plan disclosures, subsequently reducing administrative costs and allowing easy electronic access.
- Retirement Plan Modernization Act
 - This bill would initially raise the automatic IRA rollover limit from \$5,000 to \$7,600 and allow future increases to be indexed for inflation. The purpose of this bill is to reduce administrative expenses for small businesses interested in offering retirement plans.

Source: <http://www.investmentnews.com/article/20171204/FREE/171209976/two-workplace-retirement-savings-bills-introduced-in-house>

<https://www.planadviser.com/house-bill-seeks-increase-auto-ira-cash-limit/>

2018 IRS Limitations

- › Many of the contribution limits for the 2018 calendar year increased slightly from 2017. Income limits on highly compensated employees and key employees/officers remain unchanged at \$120,000 and \$175,000 respectively. Catch-up contributions for employees age 50 and older also remain unchanged at \$6,000.
 - See below for a summary list of 2017 and 2018 contribution limits:

Item	IRC Reference	2017 Limit	2018 Limit
401(k) and 403(b) Employee Deferral Limit ¹	402(g)(1)	\$18,000	\$18,500
457 Employee Deferral Limit	457(e)(15)	\$18,000	\$18,500
Catch-up Contribution ²	414(v)(2)(B)(i)	\$6,000	\$6,000
Defined Contribution Dollar Limit	415(c)(1)(A)	\$54,000	\$55,000
Defined Benefit Dollar Limit	415(b)(1)(A)	\$215,000	\$220,000
Compensation Limit ³	401(a)(17); 404(l)	\$270,000	\$275,000
Highly Compensated Employee Income Limit ⁴	414(q)(1)(B)	\$120,000	\$120,000
Key Employee/Officer	416(i)(1)(A)(i)	\$175,000	\$175,000
Social Security Taxable Wage Base		\$127,200	\$128,700

¹Employee deferrals to all 401(k) and 403(b) plans must be aggregated for purposes of this limit. A lower limit applies to SIMPLE plans.

²Available to employees age 50 or older during the calendar year. A lower limit applies to SIMPLE plans.

³All compensation from a single employer (including all members of a controlled group) must be aggregated for purposes of this limit.

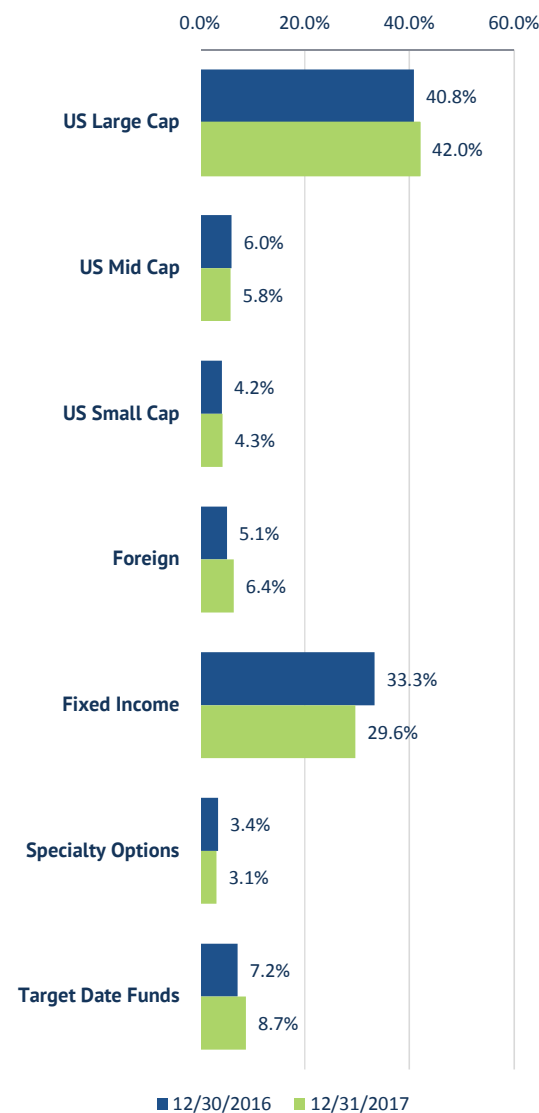
⁴For the 2018 plan year, an employee who earns more than \$120,000 in 2017 is an HCE. For the 2019 plan year, an employee who earned more than \$120,000 in 2018 is an HCE.

- › A full listing of dollar limitations can be found on the IRS website listed below:
 - <https://www.irs.gov/retirement-plans/cola-increases-for-dollar-limitations-on-benefits-and-contributions>

Summary of County of Fresno 457 DC Plan - Trailing Year

Data as of 12/31/2017

Asset Class	Ticker	%	12/30/2016	Net Increases/Decreases	12/31/2017	%
US Large Cap		40.8%	\$87,141,980	15,008,875	\$102,150,854	42.0%
Alger Spectra Z	ASPZX	16.3%	34,868,020	7,854,549	42,722,570	17.6%
Columbia Dividend Income Y	CDDYX	5.4%	11,467,767	1,852,237	13,320,004	5.5%
BlackRock Equity Index - Collective F2	02CFF1	19.1%	40,806,192	5,302,088	46,108,280	19.0%
US Mid Cap		6.0%	\$12,762,578	1,350,902	\$14,113,479	5.8%
Hennessy Focus Fund	HFCIX	2.4%	5,105,754	392,214	5,497,968	2.3%
BlackRock Mid Cap Index - Collective F	03CFF2	3.6%	7,656,824	958,687	8,615,512	3.5%
US Small Cap		4.2%	\$8,859,665	1,556,741	\$10,416,406	4.3%
Nicholas Limited Edition I	NCLEX	2.5%	5,237,454	573,014	5,810,468	2.4%
Perkins Small Cap Value N	JDSNX	0.7%	1,443,988	(257,743)	1,186,246	0.5%
BlackRock Russell 2000 Index - Collective F	03CFF3	1.0%	2,178,223	1,241,470	3,419,692	1.4%
Foreign		5.1%	\$10,912,134	4,682,872	\$15,595,006	6.4%
Ivy International Core Equity R6	IINCX	4.2%	8,863,021	1,799,828	10,662,849	4.4%
Oppenheimer Developing Markets I	ODVIX	0.3%	665,437	1,212,060	1,877,497	0.8%
BlackRock EAFE Equity Index - Collective F	10CFF5	0.6%	1,383,677	1,670,983	3,054,660	1.3%
Fixed Income		33.3%	\$71,069,957	1,009,749	\$72,079,706	29.6%
RidgeWorth Seix Total Return Bond IS	SAMZX	1.5%	3,208,879	280,035	3,488,914	1.4%
BlackRock US Debt Index Fund - Coll F	04CFF4	1.3%	2,803,672	1,188,303	3,991,975	1.6%
Templeton Global Bond R6	FBNRX	0.4%	763,551	614,027	1,377,578	0.6%
County of Fresno Stable Value Fund	FRESSV	30.1%	64,293,854	(1,072,615)	63,221,239	26.0%
Specialty Options		3.4%	\$7,295,068	280,953	\$7,576,022	3.1%
Oakmark Equity & Income I	OAKBX	1.0%	2,082,091	328,200	2,410,291	1.0%
Fidelity Advisor Real Estate Income Inst	FRIRX	0.5%	1,172,999	(21,916)	1,151,083	0.5%
Franklin Utilities R6	FUFRX	1.9%	4,039,979	(25,331)	4,014,648	1.7%
Target Date Funds		7.2%	\$15,289,934	5,989,335	\$21,279,270	8.7%
Great-West Lifetime 2015 Trust II	c15mzr	1.3%	2,687,257	(2,687,257)	0	0.0%
Great-West Lifetime 2025 Trust II	c25mzr	2.5%	5,277,954	(5,277,954)	0	0.0%
Great-West Lifetime 2035 Trust II	c35mzr	1.8%	3,762,151	(3,762,151)	0	0.0%
Great-West Lifetime 2045 Trust II	c45mzr	1.2%	2,627,479	(2,627,479)	0	0.0%
Great-West Lifetime 2055 Trust II	c55mzr	0.4%	935,092	(935,092)	0	0.0%
Great-West Lifetime 2015 Trust	grwl15	0.0%	0	3,199,357	3,199,357	1.3%
Great-West Lifetime 2025 Trust	grwl25	0.0%	0	7,106,144	7,106,144	2.9%
Great-West Lifetime 2035 Trust	grwl35	0.0%	0	4,720,176	4,720,176	1.9%
Great-West Lifetime 2045 Trust	grwl45	0.0%	0	4,494,394	4,494,394	1.8%
Great-West Lifetime 2055 Trust	grwl55	0.0%	0	1,759,200	1,759,200	0.7%
Total		100%	\$213,331,317	\$29,879,427	\$243,210,743	100%



Passively-Managed and Cash Funds

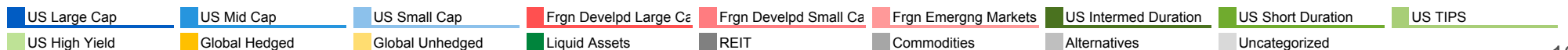
Managed and Cash Funds		Equities						Fixed Income						Liquid	Other												
		US			Foreign			US				Foreign															
Investment	Ticker	L	M	S	L	S	E	I	S	T	Y	H	U	C	R	C	A	U	Exp	Qtr	YTD	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	10 Yr
BlackRock Equity Index - Collective M	02cff1	100																	0.02	6.70	21.93	21.93	16.87	11.49	12.04	15.86	8.69
BlackRock MidCap Idx - Collective M	03cff2		100																0.03	6.26	16.00	16.00	18.07	10.83	10.58	14.85	9.92
BlackRock Russell 2000 Index Coll M	03cff3			100															0.03	3.40	14.92	14.92	18.23	10.24	8.94	14.42	8.95
BlackRock EAFE Equity Index Coll T	10cff5				100														0.10	4.23	25.35	25.35	13.14	8.37	4.75	7.99	2.24
BlackRock US Debt Index Fund Coll W	04cff4							100											0.04	0.38	3.64	3.64	3.18	2.40	3.33	2.28	

Actively-Managed Funds

Style	Investment	Ticker	L	M	S	L	S	E	I	S	T	Y	H	U	C	R	C	A	U	Exp	Qtr	YTD	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	10 Yr
Income	Columbia Dividend Income Inst3	CDDYX	86	6		4		1							3					0.59	6.95	20.95	20.95	17.23	11.49	11.84	15.06	8.79
Growth	Alger Spectra Z	ASPZX	77	8	1	4		5							5					0.89	6.75	31.46	31.46	14.76	12.25	12.34	16.63	10.28
Utilities	Franklin Utilities R6	FUFRX	55	30	6	6									3					0.47	-0.06	10.87	10.87	14.42	6.73	11.14	11.68	7.09
Growth	Hennessy Focus Institutional	HFCIX	39	33	12	5									11					1.13	5.80	19.71	19.71	13.46	9.95	10.10	14.80	10.52
Balanced	Oakmark Equity And Income Investor	OAKBX	38	15	2	5			13	5		2			14				6	0.79	4.22	14.45	14.45	12.69	6.61	6.69	9.99	6.87
Stable Value	Fresno County Stable Value	fressv													100					0.50	0.50	2.00	2.00	2.04	2.09	2.11	2.12	
Blend	Janus Henderson Small Cap Value N	JDSNX		21	71		2								6					0.88	5.14	12.90	12.90	19.54	11.73	10.68	14.29	10.10
Growth	Nicholas Limited Edition I	NCLEX		28	55	2	5								10					0.86	3.09	19.93	19.93	16.08	9.78	8.39	13.44	9.44
Global Blend	Ivy International Core Equity N	IINCX	4			82		8							4				2	0.82	4.33	23.30	23.30	12.03	7.68	6.02	9.49	3.93
Emerging Growth	Oppenheimer Developing Markets I	ODVIX				29		61							5				5	0.88	5.13	35.32	35.32	20.54	7.85	4.65	5.48	4.53
Intermediate	Virtus Seix Total Return Bond R6	SAMZX							72	9		5	8		6					0.32	-0.06	2.83	2.83	2.98	2.09	3.19	1.91	4.48
Real Estate	Fidelity Advisor Real Estate Income I	FRIRX	4	13	12				11	1		24			12				23	0.76	0.44	7.35	7.35	8.77	6.40	7.89	7.16	7.79
Global Bond	Templeton Global Bond R6	FBNRX											64		36					0.52	-1.77	2.79	2.79	4.76	1.79	1.84	1.94	5.89

Target-Date Funds









Style	Investment	Ticker	L	M	S	L	S	E	I	S	T	Y	H	U	C	R	C	A	U	Exp	Qtr	YTD	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	10 Yr
Target Date	Great-West Lifetime 2055 Trust	GRWL55																	100	0.47	5.33	21.95	21.95	16.04	9.81	8.87	11.18	
Target Date	Great-West Lifetime 2015 Trust	GRWL15																	100	0.47	2.83	12.05	12.05	10.02	6.24	6.28	6.73	
Target Date	Great-West Lifetime 2025 Trust	GRWL25																	100	0.47	3.60	15.29	15.29	12.09	7.55	7.40	8.65	
Target Date	Great-West Lifetime 2035 Trust	GRWL35																	100	0.47	4.69	19.37	19.37	14.67	9.12	8.10	10.32	
Target Date	Great-West Lifetime 2045 Trust	GRWL45																	100	0.47	5.17	21.44	21.44	15.82	9.76	8.97	11.36	



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Fund Compliance Methodology

CALCULATION METHODOLOGY OF OVERALL FUND¹ (Worst) — 10 (Best)

Factor	Weight	Explanation	Score Calculation
RETURNS Summary compliance report shows the average peer group quartile rank for all time periods (no credit for bottom quartile performance)	 40% Overall	Absolute Returns Peer Group Percentile Rankings: 3,5,10 Year Periods	Proportional Score No Score Ranks in the top 75% of Peer Group Ranks in the bottom 25% of Peer Group
RISK ADJUSTED RETURNS Summary compliance report shows the average peer group quartile rank for all time periods (no credit for bottom quartile performance)	 20% Overall	Sharpe Ratio Peer Group Percentile Rankings: 3,5,10 Year Periods	Proportional Score No Score Ranks in top 75% of Peer Group Ranks in bottom 25% of Peer Group
RISK Summary compliance report shows the average peer group quartile rank for all time periods (no credit for bottom quartile performance)	 30% Overall	 10% Overall Standard Deviation Peer Group Percentile Rankings: 3,5,10 Year Periods	Proportional Score No Score Ranks in top 75% of Peer Group Ranks in bottom 25% of Peer Group
		 20% Overall Upside/Downside Capture Peer Group Percentile Rankings: 3,5,10 Year Periods	Proportional Score No Score Ranks in top 75% of Peer Group Ranks in bottom 25% of Peer Group
OTHER Fund expense quartile rank Manager tenure is greater than 3 years	 10% Overall	 5% Overall Expense Ratio For current period	Proportional Score No Score Ranks in top 75% of Peer Group Ranks in bottom 25% of Peer Group
		 5% Overall Average Tenure Number of years	Full Score No Score Manager Tenure more than 3 years Manager Tenure less than 3 years

For peer group rankings, a rank of 1-50 indicates the manager performed favorably and ranked in the top half of its peer group for that metric. For example: when measuring risk, a rank of 1 would mean the manager had a very low standard deviation compared to its peer group, whereas when measuring return, a rank of 1 would mean the manager had a very high return compared to its peer group.

Summary of Fund Compliance

Passively-Managed and Cash Funds

Type	Assets %	Fund Name	Ticker
LC Index	18.96%	BlackRock Equity Index - Collective M	02cff1
MC Index	3.54%	BlackRock MidCap Idx - Collective M	03cff2
SC Index	1.41%	BlackRock Russell 2000 Index Coll M	03cff3
Global	1.26%	BlackRock EAFE Equity Index Coll T	10cff5
US Debt	1.64%	BlackRock US Debt Index Fund Coll W	04cff4

Actively-Managed Funds

Underperforming ◀ ● ○ ● ▶ Outperforming

Status	Assets %	Fund Name	Ticker	Return (40%)	Risk Adjusted Return (20%)	Risk (30%)	Expense (5%)	Tenure (5%)
Pass	5.48%	Columbia Dividend Income Inst3	CDDYX	●	●	●	●	●
Pass	17.57%	Alger Spectra Z	ASPZX	●	●	○	●	●
Pass	1.65%	Franklin Utilities R6	FUFRX	●	●	●	●	●
Pass	2.26%	Hennessy Focus Institutional	HFCIX	●	●	●	●	●
Pass	0.99%	Oakmark Equity And Income Investor	OAKBX	●	●	○	●	●
Pass	0.49%	Janus Henderson Small Cap Value N	JDSNX	●	●	●	●	●
Pass	2.39%	Nicholas Limited Edition I	NCLEX	●	●	●	●	●
Pass	4.38%	Ivy International Core Equity N	IINCX	●	●	●	●	●
Pass	0.77%	Oppenheimer Developing Markets I	ODVIX	●	●	●	●	●
Pass	1.43%	Virtus Seix Total Return Bond R6	SAMZX	○	●	○	●	●
Pass	0.47%	Fidelity Advisor Real Estate Income I	FRIRX	●	●	●	●	●
Pass	0.57%	Templeton Global Bond R6	FBNRX	●	●	○	●	●
Watch	25.99%	Fresno County Stable Value	fressv	●	●	●	○	●

Underperforming ◀ ● ○ ● ▶ Outperforming

Target-Date Funds

Status	Assets %	Fund Name	Ticker	Return (40%)	Risk Adjusted Return (20%)	Risk (30%)	Expense (5%)	Tenure (5%)
Watch	0.72%	Great-West Lifetime 2055 Trust	GRWL55	●	●	●	●	●
Watch	1.85%	Great-West Lifetime 2045 Trust	GRWL45	●	●	●	●	●
Watch	2.92%	Great-West Lifetime 2025 Trust	GRWL25	●	●	●	●	●
Watch	1.32%	Great-West Lifetime 2015 Trust	GRWL15	●	●	●	●	●
Watch	1.94%	Great-West Lifetime 2035 Trust	GRWL35	●	●	●	●	●

Passively-Managed and Cash Funds

Type of Fund	Assets %	Ticker	Fund Name	Return vs Peer Group (40%)			Risk Adjusted Return Sharpe (20%)			Standard Deviation			Risk (30%) Up Capture			Down Capture			Other (10%) Expense	Tenure
				3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	Peer Rank %	Avg Yrs
LC Index	18.96%	02cff1	BlackRock Equity Index - Collective M	11	10	11	10	3	10	37	28	32	19	23	36	27	22	24	1	5
MC Index	3.54%	03cff2	BlackRock MidCap Idx - Collective M	11	18	6	13	25	10	43	53	53	12	13	14	52	63	47	1	5
SC Index	1.41%	03cff3	BlackRock Russell 2000 Index Coll M	26	25	30	34	38	36	74	79	64	6	6	11	73	77	79	1	5
Global	1.26%	10cff5	BlackRock EAFE Equity Index Coll T	30	27	32	36	35	32	72	75	52	28	18	28	51	50	44	4	5
US Debt	1.64%	04cff4	BlackRock US Debt Index Fund Coll W	1	1		14	7		85	89		8	6		52	53		1	5

Actively-Managed Funds

Overall Fund Score	Assets %	Ticker	Fund Name	Return vs Peer Group (40%)			Risk Adjusted Return Sharpe (20%)			Standard Deviation			Risk (30%) Up Capture			Down Capture			Other (10%) Expense	Tenure
				3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	Peer Rank %	Avg Yrs
9	5.48%	CDDYX	Columbia Dividend Income Inst3	2	9	5	2	1	2	13	10	8	67	68	85	7	6	8	15	7
7	17.57%	ASPZX	Alger Spectra Z	33	24	9	47	38	18	73	64	77	16	18	5	70	60	82	38	6
7	1.65%	FUFRX	Franklin Utilities R6	17	22	10	23	27	5	77	72	19	15	22	67	69	62	11	11	12
7	2.26%	HFCIX	Hennessy Focus Institutional	43	29	4	23	12	4	9	11	20	89	72	83	3	7	2	49	7
6	0.99%	OAKBX	Oakmark Equity And Income Investor	40	14	13	72	53	10	92	93	19	16	8	68	87	61	9	27	7
8	0.49%	JDSNX	Janus Henderson Small Cap Value N	8	19	8	1	1	1	7	5	6	70	76	86	6	5	2	15	14
6	2.39%	NCLEX	Nicholas Limited Edition I	52	62	27	31	25	9	12	7	5	85	86	93	18	15	7	15	23
7	4.38%	IINCX	Ivy International Core Equity N	50	7	10	53	6	9	74	41	34	41	10	22	56	21	19	29	10
7	0.77%	ODVIX	Oppenheimer Developing Markets I	61	29	4	57	30	3	44	49	22	63	47	60	39	40	16	13	5
5	1.43%	SAMZX	Virtus Seix Total Return Bond R6	58	63	33	61	62	17	65	56	34	61	60	57	49	54	18	8	7
7	0.47%	FRIRX	Fidelity Advisor Real Estate Income I	14	90	18	1	1	1	2	2	3	98	97	97	2	1	1	18	13
6	0.57%	FBNRX	Templeton Global Bond R6	57	27	3	68	33	19	75	71	70	93	89	73	2	3	2	10	10
10	25.99%	fressv	Fresno County Stable Value	1	1		1	1		8	9		1	1		1	1		59	6

Target-Date Funds

Overall Fund Score	Assets %	Ticker	Fund Name	Return vs Peer Group (40%)			Risk Adjusted Return Sharpe (20%)			Standard Deviation			Risk (30%) Up Capture			Down Capture			Other (10%) Expense	Tenure
				3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	3Y	5Y	10Y	Peer Rank %	Avg Yrs
7	0.72%	GRWL55	Great-West Lifetime 2055 Trust	7	33		8	35		39	44		20	44		26	55		18	
8	1.85%	GRWL45	Great-West Lifetime 2045 Trust	7	18		7	18		41	40		23	32		26	40		18	
8	2.92%	GRWL25	Great-West Lifetime 2025 Trust	7	32		2	8		23	22		43	54		14	16		21	
7	1.32%	GRWL15	Great-West Lifetime 2015 Trust	12	50		1	21		11	14		42	67		5	35		24	
7	1.94%	GRWL35	Great-West Lifetime 2035 Trust	9	35		2	17		28	28		33	59		17	18		19	

All data except for 'Tenure - Average Years' are listed as a peer rank percentage

All Funds remain in compliance with Investment Policy and no action need be taken other than indicated in the Fund Compliance Commentary section of this report.



Northwest Capital Management, Inc. 02/21/2018

This report, along with more detailed performance data on Plan Investment Options, was reviewed by the Plan's Trustee and/or Investment Committee.

Trustee / Committee Member Date

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County of Fresno 457 DC Plan

Fund Comments

Data as of: 12/31/2017

BlackRock Equity Index - Collective M (02cff1)

Fund Type: LC Index

US Large Cap

The fund seeks to replicate the performance of U.S. Large Cap Stocks

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
02cff1	6.70%	21.93%	11.49%	15.86%	8.69%
S&P 500 TR USD	6.64%	21.85%	11.42%	15.80%	8.50%
Out/(Under) Performing	0.06%	0.09%	0.07%	0.07%	0.19%
Peer Group Ranking	34	27	11	10	11

BlackRock MidCap Idx - Collective M (03cff2)

Fund Type: MC Index

US Mid Cap

The fund seeks to replicate the performance of U.S. Mid Cap Stocks

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
03cff2	6.26%	16.00%	10.83%	14.85%	9.92%
S&P MidCap 400 TR	6.26%	16.25%	11.15%	15.01%	9.97%
Out/(Under) Performing	0.00%	-0.25%	-0.32%	-0.15%	-0.05%
Peer Group Ranking	22	46	11	18	6

BlackRock Russell 2000 Index Coll M (03cff3)

Fund Type: SC Index

US Small Cap

The fund seeks to replicate the performance of U.S. Small Cap Stocks

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
03cff3	3.40%	14.92%	10.24%	14.42%	8.95%
Russell 2000 TR USD	3.34%	14.65%	9.96%	14.12%	8.71%
Out/(Under) Performing	0.06%	0.26%	0.28%	0.29%	0.24%
Peer Group Ranking	51	21	26	25	30

BlackRock EAFE Equity Index Coll T (10cff5)

Fund Type: Global

Frgn Developd Large Cap

The fund seeks to replicate performance of Foreign stock represented by the MSCI EAFE Index

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
10cff5	4.23%	25.35%	8.37%	7.99%	2.24%
MSCI ACWI Ex USA NR USD	5.01%	27.18%	7.83%	6.80%	1.84%
Out/(Under) Performing	-0.78%	-1.83%	0.54%	1.18%	0.40%
Peer Group Ranking	31	49	30	27	32

BlackRock US Debt Index Fund Coll W (04cff4)

Fund Type: US Debt

US Intermed Duration

The fund seeks to replicate the performance of the U.S. Bond Market

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
04cff4	0.38%	3.64%	2.40%	2.28%	
BBgBarc US Govt Intermed TR USD	-0.40%	1.14%	1.12%	0.92%	2.70%
Out/(Under) Performing	0.78%	2.50%	1.28%	1.35%	
Peer Group Ranking	1	1	1	1	

Columbia Dividend Income Inst3 (CDDYX)

Fund Score: 9 (Status: Pass)

US Large Cap

The investment seeks total return, consisting of current income and capital appreciation.

The fund invests at least 80% of its net assets (including the amount of any borrowings for investment purposes) in a diversified portfolio of income-producing (dividend-paying) equity securities, which will consist primarily of common stocks but also may include preferred stocks and convertible securities. It invests principally in securities of companies believed to be undervalued but also may invest in securities of companies believed to have the potential for long-term growth. The fund may invest in companies that have market capitalizations of any size.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
CDDYX	6.95%	20.95%	11.49%	15.06%	8.79%
S&P 500 Value TR USD	6.33%	15.35%	9.47%	14.24%	6.80%
Out/(Under) Performing	0.63%	5.59%	2.02%	0.82%	1.98%
Peer Group Ranking	20	4	2	9	5

Alger Spectra Z (ASPZX)

Fund Score: 7 (Status: Pass)

US Large Cap

The investment seeks long-term capital appreciation.

The fund invests primarily in the equity securities of companies of any size that Fred Alger Management, Inc. believes demonstrate promising growth potential. It can leverage, that is, borrow money to purchase additional securities. The fund can invest in foreign securities.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
ASPZX	6.75%	31.46%	12.25%	16.63%	10.28%
S&P 500 Growth TR USD	6.81%	27.44%	12.86%	17.00%	9.99%
Out/(Under) Performing	-0.06%	4.02%	-0.61%	-0.37%	0.29%
Peer Group Ranking	43	25	33	24	9

Alger Spectra returned ~6.8% for Q4 2017 compared to 6.8% for its benchmark (S&P 500 Growth). For 2017, the fund returned ~31.5% versus the benchmark at 27.4%. Stock selection in the Industrials and Consumer Cyclical sectors contributed to performance. Specifically, the fund held an overweight position to Honeywell and Stanley Black & Decker versus the benchmark within the Industrials sector. One of the fund's largest holdings remains Amazon.com and that was the single best contributor to performance. The fund remains overweight the Technology sector. A short position in shares of Symantec also added to performance during the quarter. Healthcare was a detractor in the quarter with Celgene being a particular name that suffered in the quarter. The fund continues to score a 7 and ranks in the second-quartile of its peer group on a risk adjusted returns basis in the trailing three- and five-year periods.

Franklin Utilities R6 (FUFRX)

Fund Score: 7 (Status: Pass)

US Large Cap

The investment seeks capital appreciation and current income.

The fund normally invests at least 80% of its net assets in the securities of public utilities companies. These are companies that provide electricity, natural gas, water, and communications services to the public and companies that provide services to public utilities companies. It concentrates (invests more than 25% of its total assets) in companies operating in the utilities industry. The fund invests primarily in equity securities, which consist mainly of common stocks.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
FUFRX	-0.06%	10.87%	6.73%	11.68%	7.09%
MSCI World/Utilities NR USD	-0.44%	13.65%	3.99%	7.86%	0.66%
Out/(Under) Performing	0.38%	-2.78%	2.73%	3.82%	6.43%
Peer Group Ranking	79	70	17	22	10

Franklin Utilities outperformed its benchmark (MSCI World/Utilities NR USD) by 0.4% in Q4 2017. For 2017, the fund returned 10.9%, compared to 13.7% for the benchmark. Stock selection detracted from overall performance relative to the benchmark in 2017. However, Franklin takes a conservative approach and has a significantly lower standard deviation when compared to its peers, allowing it to outperform in its category during market downturns. The fund scores an 7 under our scoring methodology and ranks in the third and fourth quartile for the trailing quarter and year. However, the fund continues to rank in the top quartile for the trailing three- five- and ten-year periods, respectively.

Hennessy Focus Institutional (HFCIX)

Fund Score: 7 (Status: Pass)

US Mid Cap

The investment seeks capital appreciation.

The fund invests primarily in U.S. securities, but may also invest in foreign companies traded in the U.S. on a national securities exchange or national securities association, including American Depositary Receipts, and foreign companies traded on a foreign exchange. Investments will consist primarily of common stocks, but may include preferred stocks, warrants, options, equity-like instruments and debt instruments. The Portfolio Managers invest in the stocks of companies of any size without regard to market capitalization. The fund is non-diversified.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
HFCIX	5.80%	19.71%	9.95%	14.80%	10.52%
S&P MidCap 400 Growth TR USD	7.08%	19.92%	11.99%	14.94%	10.35%
Out/(Under) Performing	-1.28%	-0.21%	-2.04%	-0.13%	0.17%
Peer Group Ranking	50	84	43	29	4

Oakmark Equity And Income Investor (OAKBX)

Fund Score: 6 (Status: Pass)

Uncategorized

The investment seeks income and preservation and growth of capital.

The fund invests primarily in a diversified portfolio of U.S. equity and debt securities (although the fund may invest up to 35% of its total assets in equity and debt securities of non-U.S. issuers). It is intended to present a balanced investment program between growth and income by investing approximately 40-75% of its total assets in common stock, including securities convertible into common stock, and up to 60% of its total assets in debt securities issued by U.S. or non-U.S. governments and corporate entities rated at the time of purchase within the two highest grades.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
OAKBX	4.22%	14.45%	6.61%	9.99%	6.87%
DJ Moderate TR USD	3.93%	15.17%	7.00%	8.11%	5.75%
Out/(Under) Performing	0.30%	-0.71%	-0.39%	1.88%	1.12%
Peer Group Ranking	18	35	40	14	13

Janus Henderson Small Cap Value N (JDSNX)

Fund Score: 8 (Status: Pass)

US Small Cap

The investment seeks capital appreciation.

The fund pursues its investment objective by investing primarily in the common stocks of small companies whose stock prices are believed to be undervalued by the fund's portfolio managers. It invests, under normal circumstances, at least 80% of its net assets (plus any borrowings for investment purposes) in equity securities of small companies whose market capitalization, at the time of initial purchase, is less than the 12-month average of the maximum market capitalization for companies included in the Russell 2000 Value Index. The fund may invest up to 20% of its net assets in cash or similar investments.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
JDSNX	5.14%	12.90%	11.73%	14.29%	10.10%
Russell 2000 Value TR USD	2.05%	7.84%	9.55%	13.01%	8.17%
Out/(Under) Performing	3.10%	5.06%	2.19%	1.28%	1.92%
Peer Group Ranking	16	13	8	19	8

Nicholas Limited Edition I (NCLEX)

Fund Score: 6 (Status: Pass)

US Small Cap

The investment seeks to increase the value of the investment over the long-term.

The fund primarily invests in common stocks of domestic corporations with small- and medium-sized market capitalizations believed to have growth potential. The advisor believes a company's annual sales volume and market capitalization are the factors most illustrative of a company's size. The fund generally considers companies with market capitalizations up to \$3 billion as "small", between \$3 billion and \$25 billion as "medium," and greater than \$25 billion as "large."

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
NCLEX	3.09%	19.93%	9.78%	13.44%	9.44%
Russell 2000 Growth TR USD	4.59%	22.15%	10.27%	15.20%	9.19%
Out/(Under) Performing	-1.50%	-2.22%	-0.50%	-1.76%	0.25%
Peer Group Ranking	85	59	52	62	27

Nicholas Limited Edition returned 3.1% in Q4 compared to its benchmark (Russell 2000 growth TR USD, which returned 4.6%. For 2017, the fund has underperformed by -2.2%. The funds underweighting to technology and healthcare detracted from relative performance as these sectors outperformed the broader market. The fund's valuation sensitive approach underperformed during a broader risk-on year. The fund's price/book ratio and interest coverage ratio is below its benchmark as the fund has invested in companies with sustainable earnings growth (without much share repurchases financed by debt) and healthy balance sheets. Management expects interest rates will rise and has positioned the fund in beneficiaries such as financials. The fund currently scores a 6 under our scoring methodology and ranks in the third quartile of its peer group for the trailing one- three- and five-year periods.

Ivy International Core Equity N (IINCX)

Fund Score: 7 (Status: Pass)

Frgn Developd Large Cap

The investment seeks to provide capital growth and appreciation.

The fund invests, under normal circumstances, at least 80% of its net assets in equity securities of companies located in, or principally traded largely in, developed European and Asian/Pacific Basin markets. In seeking to enhance potential return, it also may invest in issuers located or doing business in emerging market countries. The fund may invest up to 100% of its total assets in foreign securities.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
IINCX	4.33%	23.30%	7.68%	9.49%	3.93%
MSCI ACWI Ex USA NR USD	5.01%	27.18%	7.83%	6.80%	1.84%
Out/(Under) Performing	-0.68%	-3.89%	-0.15%	2.69%	2.09%
Peer Group Ranking	29	81	50	7	10

Ivy International returned 4.3% for Q4 2017, compared to 5.0% for its benchmark (MSCI ACWI Ex USA NR USD). For the full year, the fund returned 23.3% compared to 27.2% for the benchmark. Strong stock selection in consumer cyclical, led by Isuzu Motors and consumer defensive sectors, led by Wuliangye Yibin Co. contributed to overall returns. An underweight position in the technology sector and poor stock selection in the basic materials sector, specifically Air Liquide SA and CRH PLC were major detractors in the quarter. For the year, heavy weightings toward poor performers in healthcare, namely Teva Pharmaceuticals and Shire PLC were by far the largest detractors. The fund currently scores a 7 and ranks in the top-quartile of its peer group over the trailing five- and ten-year periods.

Oppenheimer Developing Markets I (ODVIX)

Fund Score: 7 (Status: Pass)

Frgn Emergng Markets

The investment seeks capital appreciation.

The fund mainly invests in common stocks of issuers in developing and emerging markets throughout the world and at times it may invest up to 100% of its total assets in foreign securities. Under normal market conditions, it will invest at least 80% of its net assets, plus borrowings for investment purposes, in equity securities of issuers whose principal activities are in a developing market, i.e. are in a developing market or are economically tied to a developing market country. The fund will invest in at least three developing markets.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
ODVIX	5.13%	35.32%	7.85%	5.48%	4.53%
MSCI EM NR USD	7.44%	37.29%	9.11%	4.35%	1.68%
Out/(Under) Performing	-2.31%	-1.97%	-1.26%	1.13%	2.85%
Peer Group Ranking	78	51	61	29	4

Oppenheimer Developing Markets returned 5.1% for Q4 2017, compared to 7.4% for its benchmark (MSCI EM NR USD). For 2017, the fund returned 35.3% versus the benchmark at 37.3%. Major detractors for the quarter, included an underweight position in Asia ex Japan, and overweight positions in the consumer cyclical and consumer defensive sectors. However, strong stock selection in the technology sector heavily contributed to performance. Two of the fund's largest holdings, Tencent Holdings and Taiwan Semiconductor Manufacturing were top contributors to performance. The fund continues to score a 7 and ranks in the second- and first-quartiles of its peer group on a risk adjusted returns basis in the trailing five- and ten-year periods, respectively.

Virtus Seix Total Return Bond R6 (SAMZX)

Fund Score: 5 (Status: Pass)

US Intermed Duration

The investment seeks to maximize long term total return through a combination of current income and capital appreciation, consistent with capital preservation.

The fund invests in various types of income-producing debt securities including mortgage- and asset-backed securities, government and agency obligations, corporate obligations and floating rate loans. It normally invests at least 80% of its net assets (plus any borrowings for investment purposes) in fixed income securities. The fund may invest up to 20% of its net assets in below investment grade, high yield debt obligations.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
SAMZX	-0.06%	2.83%	2.09%	1.91%	4.48%
BBgBarc US Agg Bond TR USD	0.39%	3.55%	2.24%	2.10%	4.01%
Out/(Under) Performing	-0.45%	-0.72%	-0.15%	-0.19%	0.47%
Peer Group Ranking	90	83	58	63	33

The primary detractor from performance over the quarter was attributed to the Fund's allocation to global strategies. Additional drags on relative performance were attributed to the Fund's short position in High Yield Credit Default Swaps (Bet on tightening spreads), security selection within the residential mortgage-backed security (RMBS) sector, and asset allocation to the corporate sector. Positive contributors during the quarter were attributed to security selection within the corporate bond sector and asset allocation within the asset-backed security (ABS) sector. Management is concerned about arising volatility and has positioned the portfolio in anticipation. The fund currently scores a 5 under our scoring methodology. Over the trailing ten-year period, the fund has outperformed the benchmark and placed in the second quartile of its peer group. However, the fund has underperformed its benchmark for the trailing quarter, one- three- and five-year periods.

Fidelity Advisor Real Estate Income I (FRIRX)

Fund Score: 7 (Status: Pass)

REIT

The investment seeks higher than average income; and capital growth is the secondary objective.

The fund normally invests primarily in preferred and common stocks of REITs; debt securities of real estate entities; and commercial and other mortgage-backed securities, with an emphasis on lower-quality debt securities (those of less than investment-grade quality, also referred to as high yield debt securities or junk bonds). It invests at least 80% of assets in securities of companies principally engaged in the real estate industry and other real estate related investments. The fund invests in domestic and foreign issuers.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
FRIRX	0.44%	7.35%	6.40%	7.16%	7.79%
FTSE NAREIT Equity REITs TR USD	1.51%	5.23%	5.62%	9.46%	7.44%
Out/(Under) Performing	-1.07%	2.13%	0.78%	-2.30%	0.35%
Peer Group Ranking	91	27	14	90	18

Templeton Global Bond R6 (FBNRX)

Fund Score: 6 (Status: Pass)

Global Unhedged

The investment seeks current income with capital appreciation and growth of income.

Under normal market conditions, the fund invests at least 80% of its net assets in "bonds." Bonds include debt obligations of any maturity, such as bonds, notes, bills and debentures. It invests predominantly in bonds issued by governments, government-related entities and government agencies located around the world. The fund may invest up to 25% of its total assets in bonds that are rated below investment grade or, if unrated determined by the investment manager to be of comparable quality. It is non-diversified.

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
FBNRX	-1.77%	2.79%	1.79%	1.94%	5.89%
BBgBarc Global Aggregate TR Hdg USD	0.79%	3.03%	2.66%	3.05%	4.16%
Out/(Under) Performing	-2.56%	-0.24%	-0.87%	-1.11%	1.73%
Peer Group Ranking	96	83	57	27	3

For the quarter, the fund's negative absolute performance was primarily due to currency positions, followed by interest-rate strategies. Sovereign credit exposures had a largely neutral effect on absolute results. On a relative basis, the fund's underperformance of its benchmark index was primarily due to currency positions, followed by interest-rate strategies. Negative duration exposure to USTs detracted from absolute performance, as did select duration exposures in Latin America. Select underweighted duration exposures in Europe detracted from relative results. Managements' focus is grounded on long-term fundamentals and seek to exploit imbalances they are witnessing in the market. The fund currently scores a 6 under our scoring methodology and ranks in the bottom quartile for the trailing quarter and year. However, it ranks in the top quartile over the trailing ten-year period.

Fresno County Stable Value (fressv)

Fund Score: 10 (Status: Watch)

Liquid Assets

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
fressv	0.50%	2.00%	2.09%	2.12%	
ICE BofAML 0-3 M US Trsy Bill TR USD	0.26%	0.81%	0.36%	0.23%	0.33%
Out/(Under) Performing	0.24%	1.19%	1.72%	1.89%	
Peer Group Ranking	1	1	1	1	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, Great-West Stable Value have been placed on Watch pending further review.

Great-West Lifetime 2055 Trust (GRWL55)

Fund Score: 7 (Status: Watch)

Uncategorized

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
GRWL55	5.33%	21.95%	9.81%	11.18%	
DJ Target 2055 TR USD	5.59%	21.05%	9.23%	11.39%	6.66%
Out/(Under) Performing	-0.26%	0.90%	0.58%	-0.20%	
Peer Group Ranking	19	21	7	33	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, the Great-West Lifetime funds have been placed on Watch pending further review.

Great-West Lifetime 2045 Trust (GRWL45)

Fund Score: 8 (Status: Watch)

Uncategorized

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
GRWL45	5.17%	21.44%	9.76%	11.36%	
DJ Target 2045 TR USD	5.38%	20.37%	8.97%	11.19%	6.56%
Out/(Under) Performing	-0.21%	1.06%	0.80%	0.18%	
Peer Group Ranking	29	26	7	18	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, the Great-West Lifetime funds have been placed on Watch pending further review.

Great-West Lifetime 2025 Trust (GRWL25)

Fund Score: 8 (Status: Watch)

Uncategorized

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
GRWL25	3.60%	15.29%	7.55%	8.65%	
DJ Target 2025 TR USD	2.95%	12.03%	5.63%	6.94%	4.91%
Out/(Under) Performing	0.65%	3.26%	1.92%	1.72%	
Peer Group Ranking	41	40	7	32	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, the Great-West Lifetime funds have been placed on Watch pending further review.

Great-West Lifetime 2015 Trust (GRWL15)

Fund Score: 7 (Status: Watch)

Uncategorized

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
GRWL15	2.83%	12.05%	6.24%	6.73%	
DJ Target 2015 TR USD	1.68%	7.58%	3.65%	4.18%	4.01%
Out/(Under) Performing	1.15%	4.48%	2.59%	2.55%	
Peer Group Ranking	31	35	12	50	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, the Great-West Lifetime funds have been placed on Watch pending further review.

Great-West Lifetime 2035 Trust (GRWL35)

Fund Score: 7 (Status: Watch)

Uncategorized

Trailing Returns	1 Qtr	1 Yr	3 Yr	5 Yr	10 Yr
GRWL35	4.69%	19.37%	9.12%	10.32%	
DJ Target 2035 TR USD	4.39%	17.00%	7.69%	9.64%	5.86%
Out/(Under) Performing	0.30%	2.37%	1.42%	0.68%	
Peer Group Ranking	30	35	9	35	

Due to the departure of long time fixed-income manager Cathe Tocher and President of Investments David Musto, the Great-West Lifetime funds have been placed on Watch pending further review.

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Item 10 - Exhibit B

County of Fresno 457 DC Plan Watch List

As of: 12/31/2017

Current Lineup Status

Asset Class		Current Status	Placed On Watch
US Large Cap			
aspzx	Alger Spectra Z	Pass	-
cddyx	Columbia Dividend Income Y	Pass	-
02cff1	Blackrock Equity Index Fund	Index	-
US Mid Cap			
hfcix	Hennessy Focus Funds Institutional	Pass	-
03cff2	Blackrock Mid Cap Equity Index Fund	Index	-
US Small Cap			
nclex	Nicholas Limited Edition I	Pass	-
jdsnx	Perkins Small Cap Value N	Pass	-
03cff3	Blackrock Russell 2000 Index Fund	Index	-
Foreign Stocks			
iincx	Ivy International Core Equity R6	Pass	-
odvix	Oppenheimer Developing Markets I	Pass	-
10cff5	Blackrock Eafe Equity Index Fund	Index	-
Fixed Income			
samzx	RidgeWorth Seix Total Return Bond IS	Pass	-
fbnrx	Templeton Global Bond R6	Pass	-
04cff4	Blackrock US Debt Index Fund	Index	-
Specialty Options			
frirx	Fidelity AdvisorReal Estate Income I	Pass	-
fufrx	Franklin Utilities R6	Pass	-
oakbx	Oakmark Equity & Income I	Pass	-
fressv	County Of Fresno Stable Value Fund	Watch	-
Target Date			
grwl15	Great-West Lifetime 2015 Trust	Watch	-
grwl25	Great-West Lifetime 2025 Trust	Watch	-
grwl35	Great-West Lifetime 2035 Trust	Watch	-
grwl45	Great-West Lifetime 2045 Trust	Watch	-
grwl55	Great-West Lifetime 2055 Trust	Watch	-

Watch List History

All Investments		Current Status	Placed On Watch	Removed From Watch
fressv	County Of Fresno Stable Value Fund	In Plan	2017 - Q1	
grwl15	Great-West Lifetime 2015 Trust	In Plan	2017 - Q1	
grwl25	Great-West Lifetime 2025 Trust	In Plan	2017 - Q1	
grwl35	Great-West Lifetime 2035 Trust	In Plan	2017 - Q1	
grwl45	Great-West Lifetime 2045 Trust	In Plan	2017 - Q1	
grwl55	Great-West Lifetime 2055 Trust	In Plan	2017 - Q1	
fbnrx	Templeton Global Bond R6	In Plan	2016 - Q2	2017 - Q1
scblx	RidgeWorth Seix Total Return Bond R	In Plan	2013 - Q4	2015 - Q2
nnlex	Nicholas Limited Edition N	In Plan	2013 - Q4	2015 - Q2
gsftx	Columbia Dividend Income Z	In Plan	2013 - Q4	2014 - Q4
oakbx	Oakmark Equity And Income Investor	In Plan	2012 - Q1	2012 - Q3
segsx	Sentinel Government Securities A	Removed	2014 - Q2	2015 - Q2
jmcvx	Perkins Mid Cap Value T	Removed	2013 - Q4	2015 - Q2
msiix	MainStay International Equity I	Removed	2012 - Q4	2015 - Q2
paxix	Pax Balanced Institutional	Removed	2012 - Q4	2013 - Q2
gtavx	Invesco Mid Cap Core Equity R5	Removed	2012 - Q1	2013 - Q2
jmvax	Perkins Mid Cap Value I	Removed	2012 - Q1	2012 - Q3
nbgnx	Neuberger Berman Genesis Inv	Removed	2012 - Q1	2012 - Q3
sdgtx	Deutsche Capital Growth I	Removed	2012 - Q1	2012 - Q3
chtxv	Invesco Charter Fund R5	Removed	2012 - Q1	2012 - Q3

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Item 10 - Exhibit C

County of Fresno Target Date Review

Q4 2017 Performance Comparison

County of Fresno							
Investment Funds Performance Report				For the period ending 12/31/2017			
Retirement Date	Investment	3-Mo	1 Yr	2 Yr *	3 Yr *	5 Yr *	Expense Ratio
2015							
	Great-West Lifetime 2015 Trust	2.83	12.05	10.02	6.24	6.73	0.47
	Morningstar Lifetime Mod 2015 TR USD	3.15	11.39	9.09	5.32	6.56	
	Benchmark +/-	-0.32	0.66	0.93	0.92	0.17	
2025							
	Great-West Lifetime 2025 Trust	3.6	15.29	12.09	7.55	8.65	0.47
	Morningstar Lifetime Mod 2025 TR USD	3.98	14.54	11.20	6.56	8.59	
	Benchmark +/-	-0.38	0.75	0.89	0.99	0.06	
2035							
	Great-West Lifetime 2035 Trust	4.69	19.37	14.67	9.12	10.32	0.47
	Morningstar Lifetime Mod 2035 TR USD	5.00	18.52	13.88	8.08	10.61	
	Benchmark +/-	-0.31	0.85	0.79	1.04	-0.29	
2045							
	Great-West Lifetime 2045 Trust	5.17	21.44	15.82	9.76	11.36	0.47
	Morningstar Lifetime Mod 2045 TR USD	5.51	20.53	15.21	8.77	11.11	
	Benchmark +/-	-0.34	0.91	0.61	0.99	0.25	
2055							
	Great-West Lifetime 2055 Trust	5.33	21.95	16.04	9.81	11.18	0.47
	Morningstar Lifetime Mod 2055 TR USD	5.57	20.95	15.45	8.81	10.91	
	Benchmark +/-	-0.24	1.00	0.59	1.00	0.27	

*Returns are annualized after 1 year

**Great West Lifetime Trust Series replaced Great West Lifetime Trust Series II in June 2016. Return data prior to June 2016 reflects Great West Lifetime Trust Series II

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